APPENDIX A

Historical Resources Evaluation Report

Ascot Elementary School

DRAFT Historical Resources Evaluation Report

prepared for

Los Angeles Unified School District
Office of Environmental Health and Safety
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Appendix A Resource Records

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1 Executive Summary

Rincon Consultants, Inc. (Rincon) was retained by the Los Angeles Unified School District (LAUSD) to complete a historical resources evaluation of the Ascot Elementary School campus (subject campus), located at 1477 East 45th Street, Los Angeles, California. The subject campus is in southeast Los Angeles, in the Central Alameda neighborhood. Initially developed on the site at the start of the twentieth century, Ascot Elementary School has been expanded and continually redeveloped since that time; the oldest extant building on the campus dates to 1925. The present-day campus encompasses 5.3 acres and contains 10 permanent and 12 portable buildings and structures.

This evaluation was prepared to inform future planning efforts, and to facilitate compliance with LAUSD's cultural resource policies and the California Environmental Quality Act (CEQA), which requires lead agencies to consider the impacts of proposed projects on historical resources. All work completed as part of the current effort was conducted in accordance with the requirements of CEQA and applicable local regulations.

The current study included background research, an intensive-level field survey, and preparation of this Historical Resources Evaluation Report.

Based on the current study, Ascot Elementary School and its buildings are recommended as ineligible for federal, state, or local designation under any applicable criteria. The oldest building on the campus dates to 1925; however, this building was extensively altered immediately after the 1933 Long Beach earthquake and in the decades that followed. These alterations included the removal of original materials and design features, an addition to the east elevation, and extensive new construction in the immediate surroundings. The alterations have resulted in a loss of integrity to materials, design, workmanship, setting, and feeling. The 1925 building therefore fails to meet the registration requirements outlined in *Los Angeles Unified School District Historic Context Statement, 1870-1969*.[1] The subject campus also includes a number of buildings developed in the decades after World War II; however, they were constructed intermittently over a period of 40 years and are not representative of LAUSD design principles during the postwar era. The campus does not appear eligible for federal, state, or local designation under any applicable criteria and is not considered a historical resource for the purposes of CEQA.

Rincon Senior Architectural Historian Steven Treffers served as the project lead, with oversight and quality assurance/quality control provided by Architectural History Program Manager Shannon Carmack. Additional assistance was provided by Rincon architectural historians Rachel Perzel and Susan Zamudio-Gurrola. All of these individuals meet and exceed the Secretary of the Interior's Professional Qualifications Standards for Architectural History and History.

[1] Sapphos Environmental, Inc. *Los Angeles Unified School District Historic Context Statement, 1870 to 1969* (Los Angeles Unified School District Office of Environmental Health and Safety, March 2014).

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2 Introduction

Ascot Avenue Elementary School is located on a flat site in the Central Alameda neighborhood, east of Interstate 110 and south of Interstate 10 (Figure 1). The campus occupies a rectangular 5.3-acre parcel, bound by East Vernon Avenue to the north, Ascot Avenue to the west, and Compton Avenue to the east (Figure 2). The southern boundary of the campus is defined by East 45th Street (a cul-de-sac) and adjacent residential properties. The surrounding area is primarily characterized by residential properties, with some commercial properties along East Vernon and Compton avenues.

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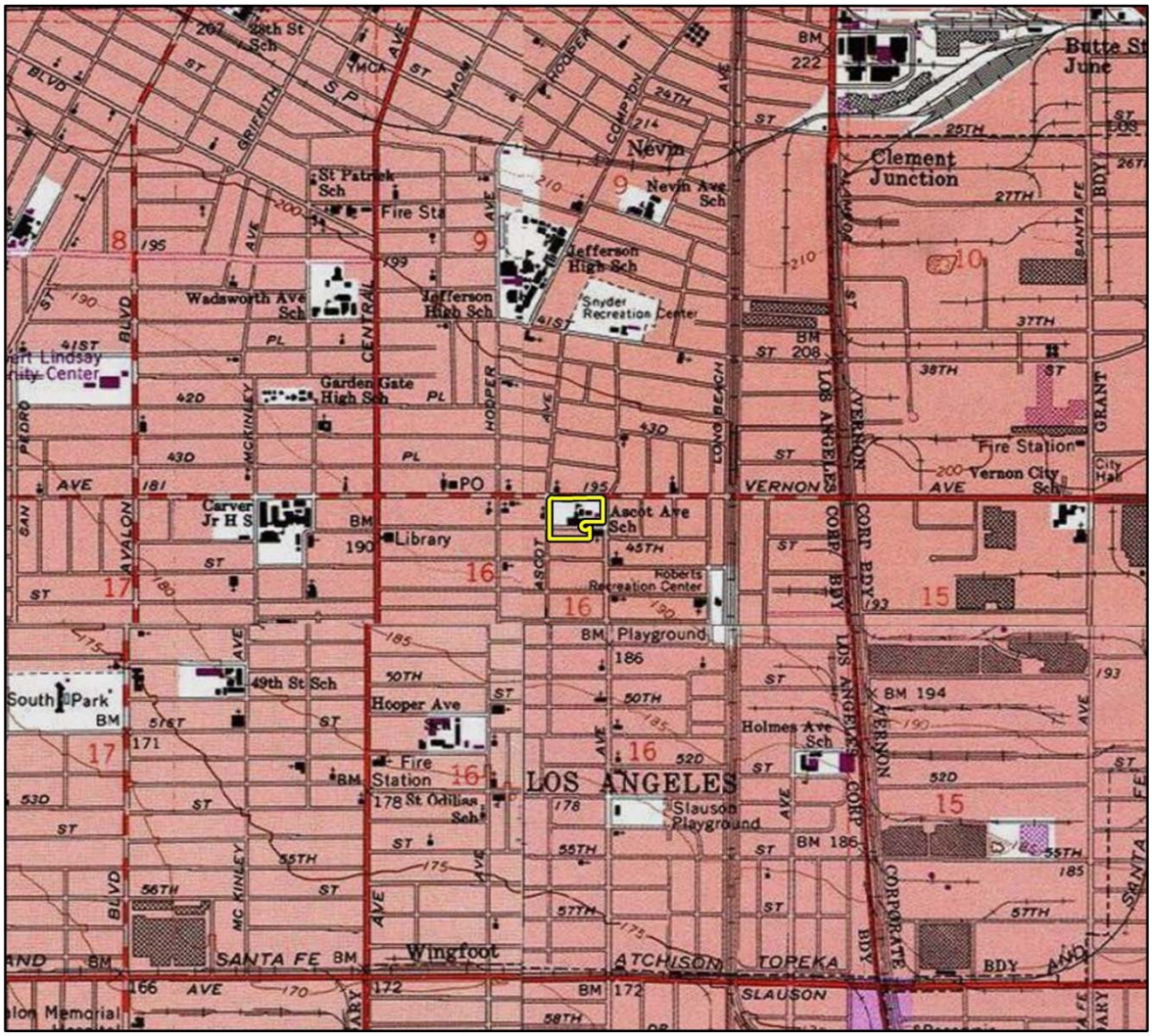
Figure 1 Vicinity Map



Imagery provided by National Geographic Society, ESRI and its licensors © 2017. Los Angeles Quadrangle. T02S R13W S09,16. The topographic representation depicted in this map may not portray all of the features currently found in the vicinity today and/or features depicted in this map may have changed since the original topographic map was assembled.

Ascot Avenue Elementary School

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Feet

N

Figure 2 Location Map

Imagery provided by Google and its licensors © 2017.
Additional data provided by LA Unified School District, 2017.

2.1 Regulatory Framework

CEQA requires lead agencies to consider the impacts of proposed projects on historical resources. Under CEQA, historical resources are defined properties listed in, or eligible for listing in, the National Register of Historic Places (NRHP), California Register of Historical Resources (CRHR), or a local register. Eligible resources may include buildings, sites, structures, objects, cultural landscapes, and historic districts. Properties that are listed in the NRHP or found eligible for the NRHP through consensus with the State Office of Historic Preservation are automatically listed in the CRHR. Federal, state, and local designation criteria are presented below.

National Register of Historic Places

The NRHP was established by the National Historic Preservation Act (NHPA) of 1966 as "an authoritative guide to be used by federal, state, and local governments, private groups and citizens to identify the nation's cultural resources and to indicate what properties should be considered for protection from destruction or impairment."[2] The NRHP recognizes properties that are significant at the national, state, and local levels. To be eligible for listing in the NRHP, a resource must be significant in American history, architecture, archaeology, engineering, or culture. A property is eligible for the NRHP if it is significant under one or more of the following criteria:

- **Criterion A.** It is associated with events that have made a significant contribution to the broad patterns of our history.
- **Criterion B.** It is associated with the lives of persons who are significant in our past.
- **Criterion C.** It embodies the distinctive characteristics of a type, period, or method of construction, or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components may lack individual distinction.
- **Criterion D.** It has yielded, or may be likely to yield, information important in prehistory or history.

In addition to meeting at least one of the above designation criteria, resources must also retain integrity, or enough of their historic character or appearance, to be "recognizable as historical resources and to convey the reasons for their significance."[3] The National Park Service recognizes seven aspects or qualities that, considered together, define historic integrity. To retain integrity, a property must possess several, if not all, of these seven qualities, defined as follows:

1. **Location.** The place where the historic property was constructed or the place where the historic event occurred
2. **Design.** The combination of elements that create the form, plan, space, structure, and style of a property
3. **Setting.** The physical environment of a historic property
4. **Materials.** The physical elements combined or deposited during a particular period of time and in a particular pattern or configuration to form a historic property

[2] Code of Federal Regulations 36, Code of Federal Regulations 60.2.
[3] California Office of Historic Preservation, "California Register and National Register: A Comparison (for Purposes of Determining Eligibility for the California Register)," Technical Assistance Series No. 6. (Sacramento, CA, 14 March 2006).

5. **Workmanship.** The physical evidence of the crafts of a particular culture or people during any given period in history or prehistory
6. **Feeling.** A property's expression of the aesthetic or historic sense of a particular period of time
7. **Association.** The direct link between an important historic event or person and a historic property[4]

California Register of Historical Resources

Created in 1992 and implemented in 1998, the CRHR is "an authoritative guide in California to be used by state and local agencies, private groups, and citizens to identify the state's historical resources and to indicate what properties are to be protected, to the extent prudent and feasible, from substantial adverse change."[5] Certain properties, including those listed in or formally determined eligible for listing in the NRHP and California Historical Landmarks numbered 770 and higher, are automatically included in the CRHR. Other properties recognized under the California Points of Historical Interest program, identified as significant in historical resources surveys, or designated by local landmarks programs may be nominated for inclusion in the CRHR. According to PRC Section 5024.1(c), a resource, either an individual property or a contributor to a historic district, may be listed in the CRHR if the State Historical Resources Commission determines that it meets one or more of the following criteria, which are modeled on NRHP criteria:

- **Criterion 1.** It is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.
- **Criterion 2.** It is associated with the lives of persons important in our past.
- **Criterion 3.** It embodies the distinctive characteristics of a type, period, region, or method of installation, or represents the work of an important creative individual, or possesses high artistic values.
- **Criterion 4.** It has yielded or may be likely to yield information important in prehistory or history.

It is possible that a resource that does not possess sufficient integrity for NRHP listing may still be eligible for the CRHR. Furthermore, while typically NRHP eligibility requires a property to be at least 50 years of age, there is no age requirement for listing in the CRHR. Rather, regulations specify that enough time must have passed for a property to be evaluated within its historic context.

Los Angeles Historic-Cultural Monuments

Local landmarks in the city of Los Angeles are known as Historic-Cultural Monuments and are under the aegis of the Los Angeles Planning Department, Office of Historic Resources. A Historic Cultural Monument is defined in the Cultural Heritage Ordinance as follows:

> Historic-Cultural Monument (Monument) is any site (including significant trees or other plant life located on the site), building or structure of particular historic or cultural significance to the City of Los Angeles, including historic structures or sites in which the broad cultural, economic or social history of the nation, State or community is reflected or exemplified; or which is identified

[4] U.S. Department of the Interior, National Park Service. "How to Apply the National Register Criteria for Evaluation, "*National Register Bulletin* No. 15 (Washington D.C., 2002).
[5] Public Resources Code, Sections 21083.2 and 21084.1.

with historic personages or with important events in the main currents of national, State or local history; or which embodies the distinguishing characteristics of an architectural type specimen, inherently valuable for a study of a period, style or method of construction; or a notable work of a master builder, designer, or architect whose individual genius influenced his or her age.[6]

LAUSD Historic Context Statement, 1870 to 1969

In addition to using all applicable criteria of significance, this evaluation utilized the methodology and framework for evaluations described in the 2014 *LAUSD Historic Context Statement*. Adopted by the LAUSD Board of Education, the *LAUSD Historic Context Statement* offers a consistent, standard approach for evaluating schools and campuses throughout the district. The document utilizes the NRHP Multiple Property Documentation (MPD) format, which provides a comparative, context-driven framework for evaluating related properties. As discussed in that document, "the MPD approach defines themes of significance, eligibility standards, and related property types. Properties sharing a theme of significance are then assessed consistently, in comparison with resources that share similar physical characteristics and historical associations."[7]

2.2 Methods

This historical resources evaluation was completed in accordance with recognized professional standards, following the Secretary of the Interior's Standards for Preservation Planning, Identification, Evaluation and Registration; California Office of Historic Preservation; and National Park Service professional standards and guidelines. Applicable national, state, and local level criteria were considered, as were the context-driven methods and framework used in *LAUSD Historic Context Statement, 1869-1970*, and other applicable historic context statements, including SurveyLA, the citywide historic resources survey conducted by the Los Angeles Office of Historic Resources.[8]

Efforts were made to identify previous historical resource evaluations of the subject campus and other related LAUSD schools. This included a records search of the California Historical Resources Information System, conducted at the South Central Coastal Information Center at California State University, Fullerton in June 2017. The California Historical Resources Information System search reviewed the combined listings of the NRHP, CRHR, California State Historical Landmarks, California Points of Historical Interest, and California Historic Resources Inventory. In addition, the findings of the following surveys were reviewed:

- Post-1994 Northridge Earthquake Historical Resources Surveys: These surveys were conducted for the Federal Emergency Management Agency in support of compliance with Section 106 of the National Preservation Act and recorded 71 LAUSD campuses.

[6] Los Angeles Municipal Code, Section 22.171.7, added by Ordinance No. 178,402, Effective 4-2-07
[7] Sapphos Environmental, Inc. *Los Angeles Unified School District: Historic Context Statement, 1870 to 1969* (Los Angeles Unified School District Office of Environmental Health and Safety, March 2014).
[8] Ibid. As part of SurveyLA, the Los Angeles Department of City Planning Office of Historic Resources has been developing a citywide historic context statement that provides a framework for identifying and evaluating the city's historic resources: see Los Angeles Department of City Planning Office of Historic Resources, "SurveyLA, Historic Context," https://preservation.lacity.org/historic-context (accessed 2 October 2017).

- Phase 1 and 2 Getty Surveys: These surveys were conducted in two multi-year phases between 2001 and 2004 and expanded on the post-Northridge Earthquake surveys, covering approximately 410 LAUSD campuses.[9]
- 2014 LAUSD Historic Resources Survey: Completed in 2014, this historic resources survey included 55 LAUSD campuses that, at the time of survey, were over 45 years of age. Of these, 14 were found eligible for NRHP and/or CRHR listing.[10]
- SurveyLA: A multi-year, citywide historical resources survey that is currently being finalized by the Los Angeles Office of Historic Resources.

Property-specific research was also conducted to document the construction and alteration history of the subject campus and to explore potential significant associations. A package of historic aerial and topographic maps and Sanborn Fire Insurance Maps for the property was acquired from Environmental Data Resources. Other sources reviewed include the combined collections of ProQuest historical newspapers, historic *Los Angeles Times*, Los Angeles Public Library (including the California Index), University of Southern California Libraries and Special Collections, and the online photographic collection of the Huntington Library and yearbooks at Classmates.com. Rincon staff also reviewed Vault Drawings on file with LAUSD that include architectural plans and drawings detailing the construction and alteration histories of the subject campus and its buildings.

Rachel Perzel conducted an intensive-level survey of the subject campus on September 8, 2017. All buildings and structures on the subject campus were photographed and documented in field notes describing character-defining features, materials, and alterations. The survey included the exteriors and interiors of campus buildings.

The campus and its buildings were recorded on California Department of Parks and Recreation (DPR) 523 series forms, which are included in Appendix A of this report.

2.3 Previous Historical Resource Surveys

Ascot Elementary school is located in the Southeast Los Angeles Community Plan Area (CPA), an area that was surveyed in 2012 as part of SurveyLA, the Los Angeles Office of Historic Resources' citywide historic resources survey.[11] Neither the campus nor any of the individual school buildings were identified as historical resources at that time.

In 2002, in fulfillment of a Planning Grant provided under the Preserve Initiative of the J. Paul Getty Trust, LAUSD performed its first systematic survey in an effort to identify historically significant school properties in the district. The Ascot Avenue Elementary School campus was included in this survey and found ineligible for federal, state, or local designation.

[9] Leslie Heumann, Science Applications International Corporation, "Historic Resources Survey of the Los Angeles Unified School District," (Pasadena, CA, 2002-2004).
[10] Sapphos Environmental, Inc., *Los Angeles Unified School District: Historic Resources Survey Report* (Los Angeles Unified School District Office of Environmental Health and Safety, June 2014).
[11] Los Angeles, City of.2012. *Southeast Los Angeles Community Plan Area.* Survey LA-Historic Resources Survey Report. Department of City Planning. Prepared by Galvin Preservation Associates. El Sugundo, CA. March 2012.

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3 Campus Site Description and History

3.1 Overview Description

Located in the Southeast Los Angeles CPA, the Ascot Elementary School campus occupies a parcel approximately 5 acres in size. It is bordered on the north by East Vernon Avenue, on the west by Ascot Avenue, and on the east by Compton Avenue. The southern border of the campus is composed of residential parcels fronting East 46th Street and three parcels that line Compton Avenue, occupied with various use. The campus parcel is roughly square; the southeastern corner is not part of the campus parcel, but occupied with the three Compton Avenue lots previously mentioned. Historically, East 45th Street originated on Compton Avenue to the east of Ascot Elementary and traveled west, bisecting what constitutes the current-day campus. Although its point of origin is consistent with the historic, East 45th Street currently terminates in a cul-de-sac that borders the campus and picks up to the west of the campus parcel. The primary entrance to the Ascot Elementary School campus is in the Administrative Building, located off the East 45th Street cul-de-sac.

The Ascot Elementary School campus includes 10 permanent and 12 portable buildings and structures, organized in two organized groupings. All but one of the nine permanent buildings on the campus are clustered in the northeast portion of the parcel. The remaining permanent building, a lunch shelter, is located among the portable buildings that line the parcel's southern boundary in two rows. With the exception of the Auditorium & Classroom Building, constructed in 1925, all other buildings on the campus were erected between 1941 and 2004, with a majority constructed in the late 1960s.

The Auditorium & Classroom Building features an L-shaped plan. Its east-west trending wing includes two-stories and contains classrooms; its north-south wing is a single tall story and contains the auditorium. The building is topped with a flat roof; exterior wall surfaces are clad in stucco and divided symmetrically. Wall space on the classroom wing of the building is divided through the use of repeating engaged columns and six-over-six, double-hung wood window sashes. As walls of the auditorium wing do not have windows, space is divided with evenly spaced engaged columns. Elaborations on the building include decorative wall vents and shallow balconies featuring decorative metal balustrades. The principal entry is centrally located and recessed on the west façade of the classroom wing, and is accessible via a pyramidal-shaped staircase.

The Administrative & Classroom Building was constructed in 1977, and is physically connected to the eastern side of the Auditorium & Classroom Building via a two-story hallway that also contains the primary public entrance to the campus. The building features a rectangular floorplan and is capped with a flat roof with a thick, stucco-clad overhanging eave. Its facades of rusticated block are evenly divided with metal window units that run from ground to eave and feature clear as well as opaque panels.

Five permanent buildings were added to the north end of the campus in the late 1960s. Buildings located in this area include two, two-story classroom buildings, one, one-story classroom building, the L-shaped Cafeteria Building (surrounded with shade structures), and a small, square-planned storage building. Classroom buildings are utilitarian in their design featuring rectangular plans, stucco cladding, and metal doors and windows. While the one-story building is topped with a shallow gabled roof, the two-story classroom buildings are topped with flat roofs. All three buildings

feature exaggerated roof overhangs. The Cafeteria Building is similarly utilitarian in its design and features stucco cladding and a square, stacked-bond, concrete block veneer on the lower portions of select facades. Windows and doors are metal throughout and include two pass-through units. The building is topped with a flat roof and surrounded with metal-framed shade structures under which picnic table seating is provided. A small, square-planned storage unit is located adjacent to the cafeteria area.

Constructed in 2004, the Classroom & Parking Building anchors the northeast corner of the campus parcel. The building includes two-stories over ground floor parking. Although roughly rectangular in plan, the building's footprint extends irregularly due to the multiple projections that extend from its facades. Projections take on various forms throughout the building, giving it a sculptural quality that greatly defines it. Walls of the building, including projections, are stucco-clad. Metal-framed, single-light window units appear in groups throughout and include square and rectangular fixed units, some with operable transoms.

Aside from scattered trees that line the parcel's boundaries, ground cover on the campus parcel is almost entirely asphalt, with the exception of rubber surfacing that covers the ground in two small areas where playground equipment is located.

Additional images and information are presented below to provide further detail on the existing conditions of the Ascot Elementary School campus and its buildings.

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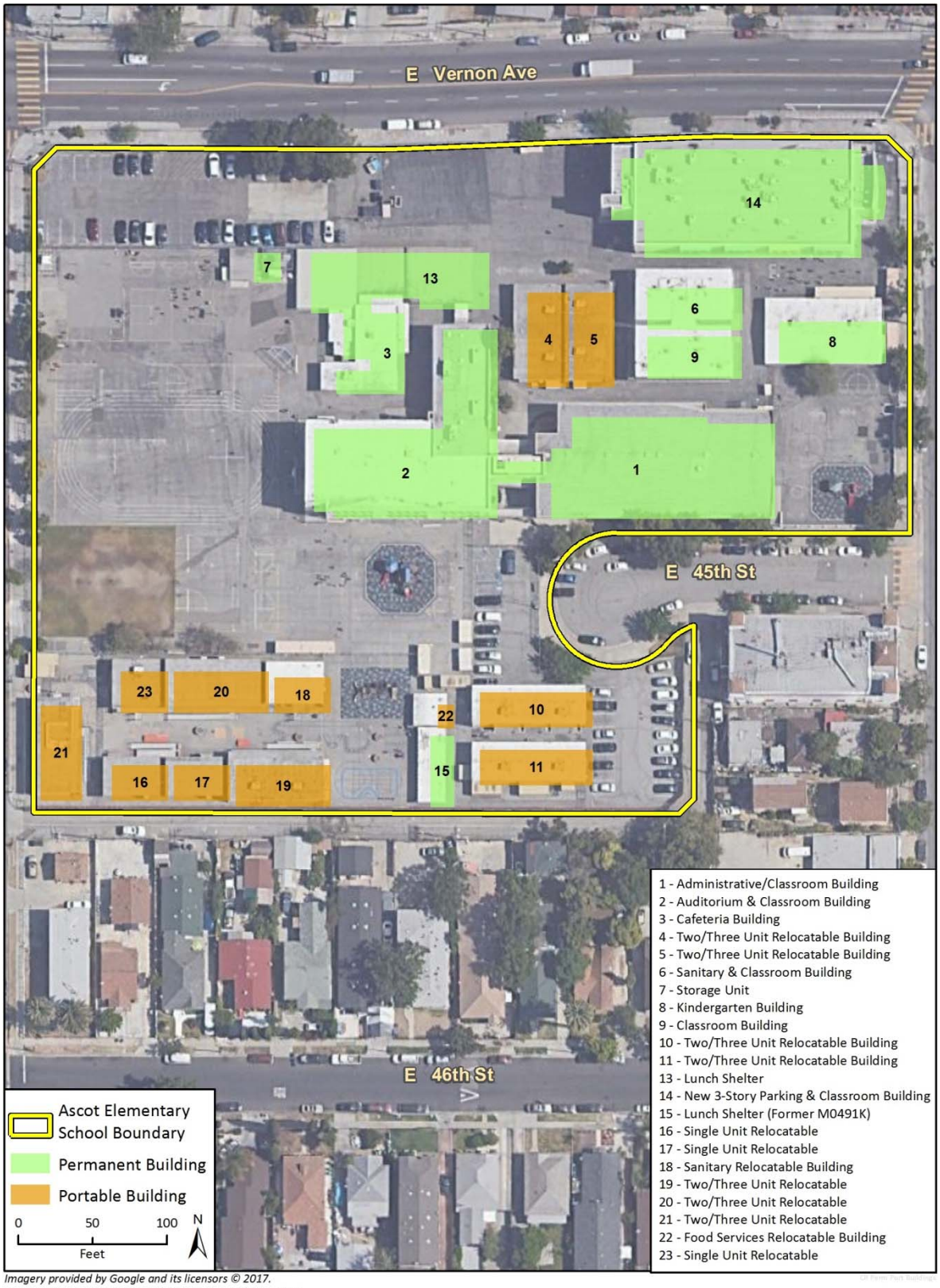
Figure 3 Campus Map



Imagery provided by Google and its licensors © 2017.
Additional data provided by LA Unified School District, 2017.

Table 1 Ascot Elementary School Buildings

No.	Name	Type	Year Built
1	Administrative/Classroom Building	Permanent	1977
2	Auditorium & Classroom Building	Permanent	1925
3	Cafeteria Building	Permanent	1968
4	Two/Three Unit Relocatable Building	Portable	1958
5	Two/Three Unit Relocatable Building	Portable	1958
6	Sanitary & Classroom Building	Permanent	1968
7	Storage Unit	Permanent	1965
8	Kindergarten Building	Permanent	1965
9	Classroom Building	Permanent	1968
10	Two/Three Unit Relocatable Building	Portable	1949
11	Two/Three Unit Relocatable Building	Portable	1953
13	Lunch Shelter	Permanent	1968
14	New 3-Story Parking & Classroom Building	Permanent	2004
15	Lunch Shelter (Former M0491K)	Permanent	1941
16	Single Unit Relocatable	Portable	1949
17	Single Unit Relocatable	Portable	1949
18	Sanitary Relocatable Building	Portable	1953
19	Two/Three Unit Relocatable	Portable	1958
20	Two/Three Unit Relocatable	Portable	1959
21	Two/Three Unit Relocatable	Portable	1961
22	Food Services Relocatable Building	Portable	1965
23	Single Unit Relocatable	Portable	1970

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Figure 4 East 45th Street Cul-de-sac, Facing Northwest toward the Campus Entrance

Figure 5 Auditorium & Classroom Building, South Elevation

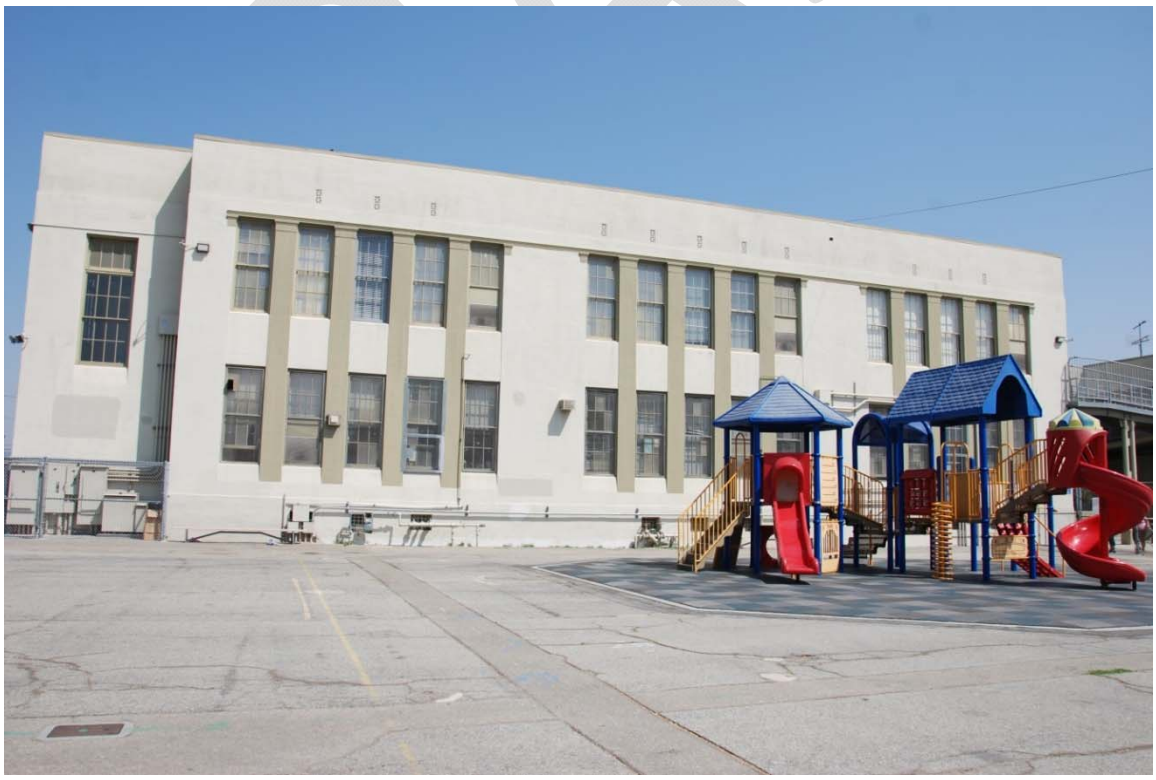

Figure 6 Auditorium & Classroom Building, North Façade of Classroom Wing and East Façade of Auditorium Wing

Figure 7 Primary Campus Entrance

Figure 8 Administrative & Classroom Building, South Elevation

Figure 9 Classroom & Parking Building, West Elevation

Figure 10 Building A (Two-Story Classroom Building), South Elevation

Figure 11 Cafeteria Building, North Elevation

3.2 Site History and Construction Chronology

Ascot Avenue Elementary School (originally named Vernon Avenue School and, later Ascot Avenue School) is located in the Central Alameda neighborhood in the city of Los Angeles, Southeast Los Angeles CPA. In the 30 years between 1880 and 1910, a rapid boom increased the population of Los Angeles from 10,000 to 320,000. Residential expansion into southeastern Los Angeles took place alongside the extension of the city's growing streetcar system into the area. The immediate vicinity of the Vernon Avenue school site was developed for predominantly residential use by 1906. This spate of construction contributed to the wider development of the northern section of the Southeast CPA, a trend that was more or less complete by the late 1910s.[12]

A school was first established at the site of the present Ascot Avenue Elementary School circa 1904. According to a July 13, 1904 *Los Angeles Times* classified advertisement, the Los Angeles City Board of Education's request for proposals for the November 1 completion of "a ten-room, two-story frame school building on the Vernon-avenue school site, near Compton Avenue."[13] Construction on the building was completed in 1905.[14] The scale and construction of the 1905 building was typical of school buildings of the late-nineteenth- and early-twentieth-century in Los Angeles, especially of those erected outside the growing urban core.[15] As of the following year, Vernon Avenue School occupied the northernmost portion of the present school site. Sanborn maps from that year depict the school's ten wood-framed buildings—six "school room" buildings, three lavatories, and one ancillary building—situated on two parcels fronting the south side of Vernon Avenue, between Ascot and Compton avenues (Figure 12).

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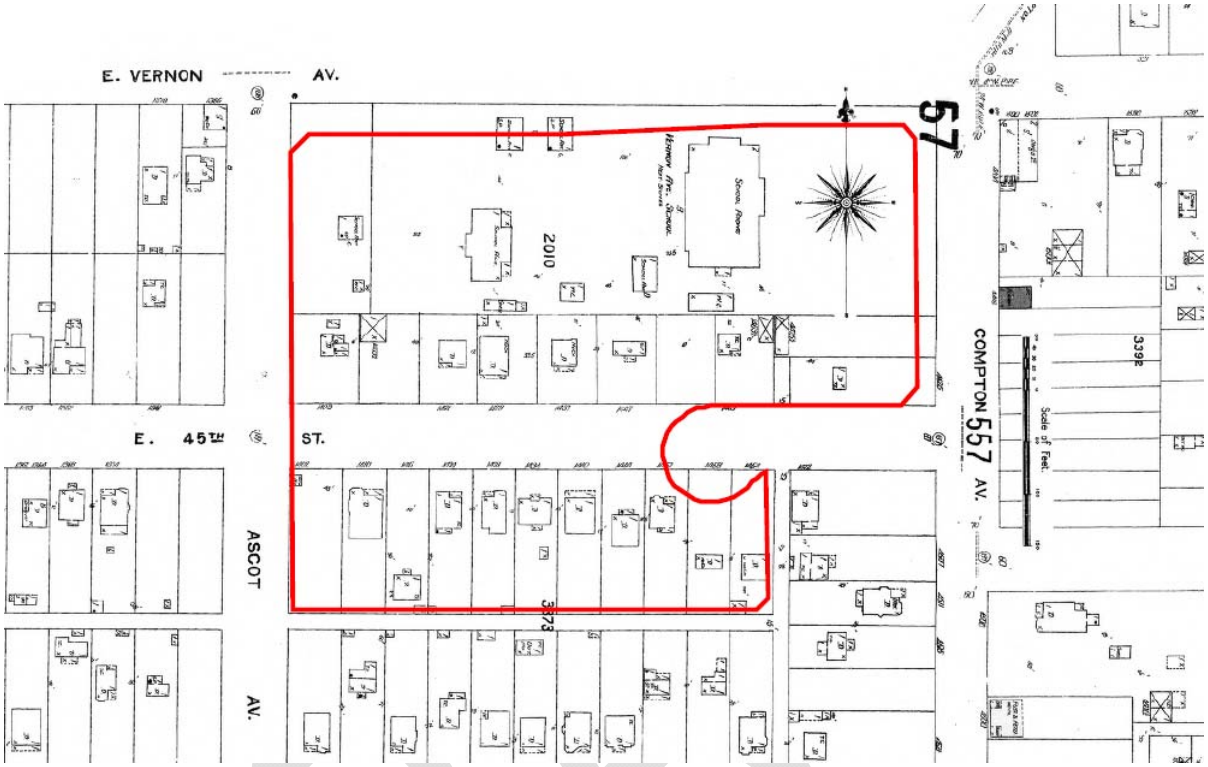
[12] Los Angeles, City of.2012. *Southeast Los Angeles Community Plan Area.* Survey LA-Historic Resources Survey Report. Department of City Planning. Prepared by Galvin Preservation Associates. El Sugundo, CA. March, 2012.
[13] 1904. *Los Angeles Times*. July 13.
[14] Environmental Data Resources, Inc. (EDR). 2017. Certified Sanborn Map Report: Ascot ES. Shelton, CT. June 19.
[15] Sapphos Environmental, Inc., *LAUSD Historic Context Statement* (p. 19).

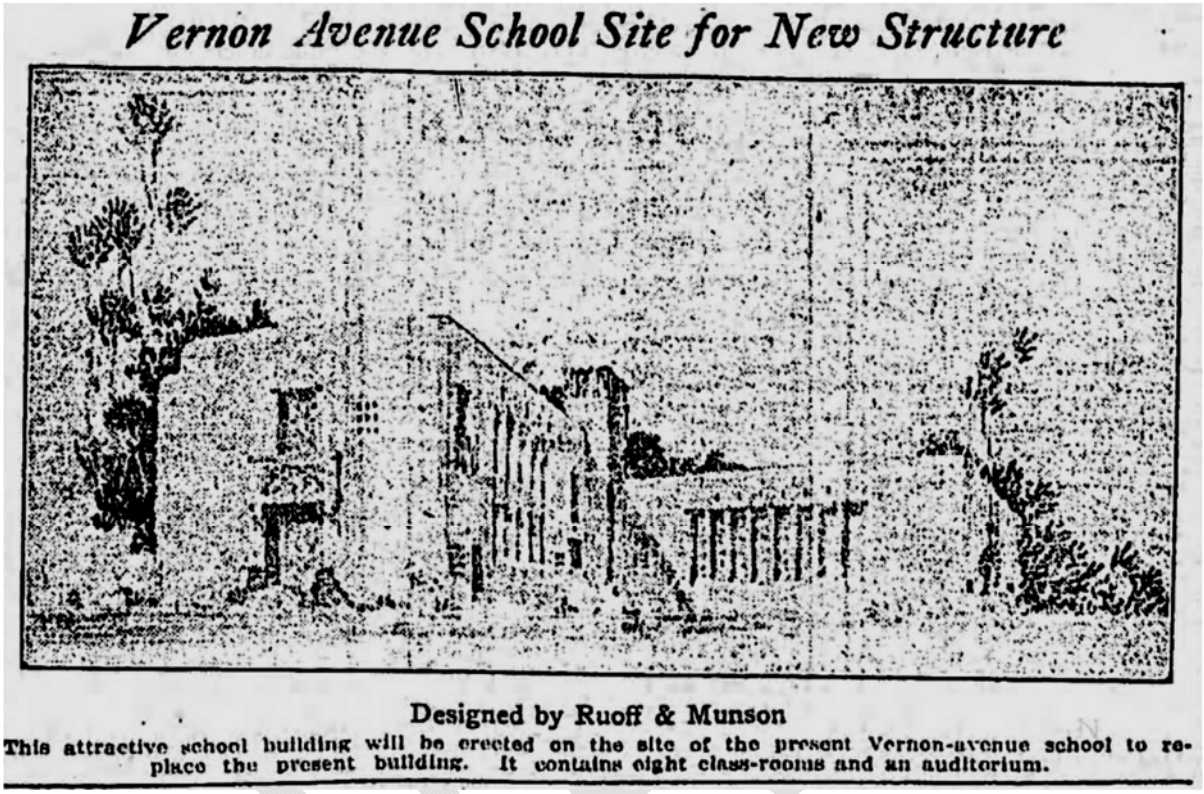
Figure 12 1906 Sanborn Fire Insurance Company Map Depicting the Present Ascot Avenue Elementary School and Its Immediate Vicinity



The growth of Los Angeles resulted in new demand for school facilities that embodied residents' and city leaders' metropolitan aspirations, both in contemporary architectural styles and monumental scale. These pressures gave rise to new construction at Vernon Avenue School in the 1920s and 1930s. In 1924, the City authorized the construction of a new main building at the Vernon Avenue campus, an action that required the acquisition of new land along the north side of 45th Street. A November 1924 edition of the *Los Angeles Times* featured a rendering of architectural firm Ruoff and Munson's design for the two-story, brick building (Figure 13). The L-shaped plan of the new Classroom & Auditorium Building (completed in 1925) reflected reigning school design principles embraced by the Progressive Education movement. At the time, school designers favored U, H, L, and T shapes as a means of making school plans "more open and interconnected, with more transparency and spatial complexity—both inside and out."[16] The 1925 facility housed an auditorium, eight classrooms, and a "teachers room." Expansion of the school continued in 1932, when a new wing was added to the 1925 building, replacing a two-story, wood-framed building that was likely built prior to 1905.[17] Designed by architect Arthur C. Munson, formerly of Ruoff & Munson, the 1932 two-story facility extended from the eastern façade of the 1925 building, running parallel to 45th Street.

[16] Sapphos Environmental, Inc., *Los Angeles Unified School District: Historic Resources Survey Report* (Los Angeles Unified School District Office of Environmental Health and Safety, June 2014).
[17] Environmental Data Resources, Inc., Certified Sanborn Map Report (maps dated 1928 and 1938).

Figure 13 1924 *Los Angeles Times* Image Depicting Ruoff & Munson's Design For Vernon Avenue School Building



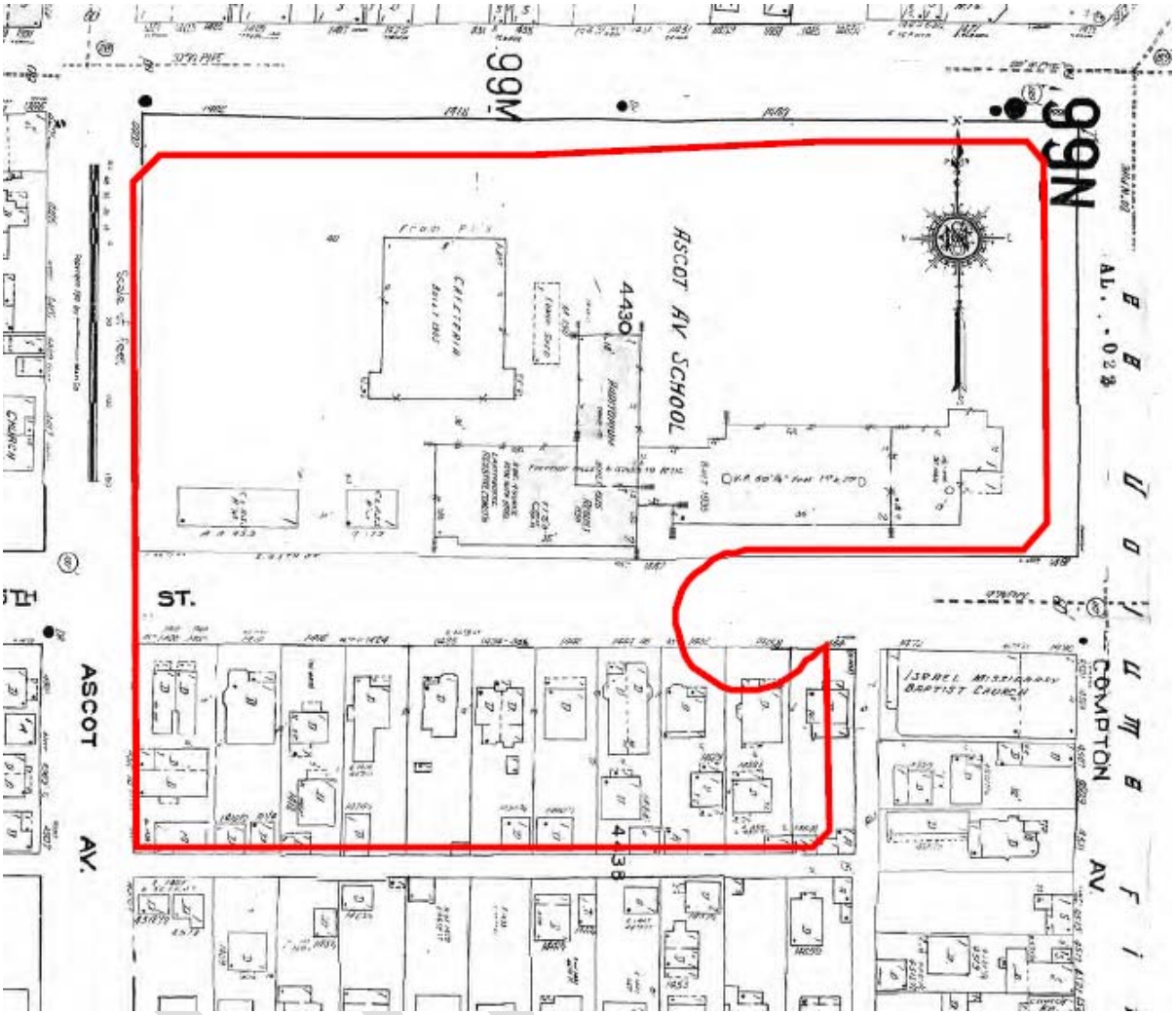
The phased construction of the school's main facilities represented a common approach to building Los Angeles schools in this era, a practice explained in the LAUSD Historical Context Statement:

> Construction generally unfolded in phases as school enrollment grew. Between the mid-1910s and 1930, elementary schools, for example, were typically constructed in three stages. The first stage usually brought an administrative office, the flagship building of the school, as well as a kindergarten and a nine-classroom wing. The second stage took place once enrollment reached 400, with the addition of more classrooms, facilities for home economics and manual education, and a cafeteria. When enrollment reached 900, the third stage took place, which usually brought a new auditorium, classrooms, or other service rooms as needed. Kindergartens tended to be self-contained and separate from other classes.[18]

The Ascot Avenue School construction projects of the 1920s and 1930s required the school to expand its footprint to the south. To accomplish this, district officials acquired eleven residential properties, mostly occupied by single-family bungalows, along East 45th Street and Compton Avenue (Figure 14). All of these buildings were razed.[19]

[18] Sapphos Environmental, Inc., *LAUSD Historic Context Statement* (p, 41).
[19] Environmental Data Resources, Inc., Certified Sanborn Map Report (maps dated 1922 and 1950).

Figure 14 1950 Sanborn Fire Insurance Company Map Illustrating the Extension Of the Ascot Avenue School's Footpring to Include the Northern Frontage of East 45th Street.



The 1933 Long Beach earthquake was one of the most significant events during that decade for the Los Angeles region's built environment, resulting in the destruction of 40 unreinforced masonry school buildings and the removal of all damaged or "precariously placed" chimneys, parapets, fire walls, and ornamentation.[20] In response to the Long Beach earthquake, the state of California passed the Field Act, detailed in the LAUSD Historic Context Statement:

> The law directed the State Division of Architecture to design and enforce regulations to ensure earthquake-resistant buildings. State oversight and implementation of building codes/construction inspections were also established. Additionally, the City of Los Angeles Board of Education again revisited its own building codes. Post-1933 elementary school buildings were not to exceed one story in height, and high school buildings were limited to two stories (this would change over time, given the tremendous demand for classroom space in the postwar period and relative scarcity and expense of large lots). New buildings

[20] Sapphos Environmental, Inc., *LAUSD Historic Context Statement (p.*62).

> incorporated the latest construction techniques and prominently showcased the use of modern materials such as steel and reinforced concrete.[21]

Vernon Avenue Elementary School was one of many campuses in the school district that required reconstruction and/or rehabilitation in the aftermath of the Long Beach earthquake. To fund the district-wide construction program, the PWA purchased $5.3 million in unsold bonds and granted additional matching funds for reconstruction efforts, with a total of $12.1 million ultimately raised for the 1930s reconstruction effort. As described in the LAUSD Historic Context Statement:

> As the school reconstruction program progressed, final steps included reinforcing or replacing 132 unreinforced masonry buildings, strengthening 275 buildings constructed since 1927, replacing 51 wood-frame buildings, and eliminating all temporary classroom housing. By 1937, over $34 million had been spent on post-earthquake school construction, repairs, retrofitting, and rehabilitation. The advent of World War II put substantial investments in schools on hold (after war's end, a $75 million bond issue kick-started these efforts).[22]

A significant post-earthquake building rehabilitation effort took place at the site (at the time named Ascot Avenue School) in the 1930s. Plans approved in 1936 called for structural strengthening of the 1925 Auditorium & Classroom Building. Per designs by architect Arthur C. Munson and structural engineer W.M. Bostock, several alterations were made to the brick building, including the addition of new structural elements, the application of gunite and plaster to the exterior walls, and the installation of a concrete replacement parapet.[23] In 1941, the district made plans to remodel the two-story, wood-framed classroom building constructed in 1905.[24] Plans for the project suggest that the second floor and a section of the building facing Vernon Avenue were removed entirely. The remainder of the building was repaired and converted to a cafeteria.[25] No further significant changes occurred at the school until after World War II.

The postwar baby boom strained the Los Angeles public school system's ability to accommodate the city's growing school-age population. The relative austerity of wartime gave way to a significant financial investment in the Los Angeles-area schools, as school officials attempted to address growing demand for school services. As explained in the LAUSD Historic Context Statement:

> In 1949–1950, enrollment at U.S. elementary and secondary schools stood at 25.1 million. In one decade, this number expanded by nearly 50 percent to approximately 36 million; by 1971, it reached 46 million. In 1955, in the midst of this boom, "editors at the Architectural Forum worried, 'every 15 minutes enough babies are born to fill another classroom and we are already 250,000 classrooms behind.' The rising population of young American children made school building, together with housing, the most widely discussed architectural challenge after World War II."
>
> Perhaps in no other state of the union was this growth felt more acutely than in California. The booming birth rate was accompanied by a wave of in-migration, as new settlers were

[21] Sapphos Environmental, Inc., LAUSD *Historic Context Statement* (p 63).
[22] Sapphos Environmental, Inc., *LAUSD Historic Context Statement* (p 64-65).
[23] Los Angeles Unified School District, Vault Drawings (Strengthening and Reconstruction of the Main Brick Building 1936).
[24] Ibid. (Removal of First and Second Stories of Main Frame Building & Repairs-1941).
[25] Environmental Data Resources, Inc. (EDR). 2017. EDR Aerial Photo Decade Package Report (photographs dated 1938 and 1948): Ascot ES. Shelton, CT. June 19.

> drawn by established employment centers in, among other things, the aerospace industry, which had shifted operations to peacetime production…
>
> School districts around the country struggled to keep up with unprecedented demand and overcrowded classrooms. Adding to the challenges facing school districts was the need not only for new schools, in particular in emerging suburban communities, but also the need to repair and maintain aging school plants, facilities, and equipment.[26]

In response to these pressures, the Board of Education submitted, and voters approved, a series of three school bonds, starting in 1946, to finance the construction of new facilities and improvements at existing campuses. The 1946 bond issue alone totaled $76 million, financing the construction of sixty-six new schools. These measures were insufficient, however, and the Board issued two subsequent bonds in 1952 and 1955.[27]

Ascot Avenue School was a beneficiary of the district's postwar building program, though most of the additions to the campus in the three decades following the war came in the form of portable classroom and ancillary buildings. Between 1949 and 1970, eight such buildings appeared on the campus, situated north of the 1932 wing of the main building and west of the 1925 Classroom & Auditorium Building. Eight of these buildings remain on the campus.[28] A handful of permanent buildings were also constructed in this period. In 1965 the single-story, wood-framed Kindergarten Building and a storage unit were added to the campus. A pair of two-story classroom buildings was erected just north of the 1932 classroom wing in 1968. Also constructed that year, a new cafeteria and lunch shelter rose on the former location of the extensively remodeled 1905 cafeteria building (Figure 15). A 1966 aerial photograph suggests that the area near the property's Vernon Avenue frontage remained in use as a playing field.[29]

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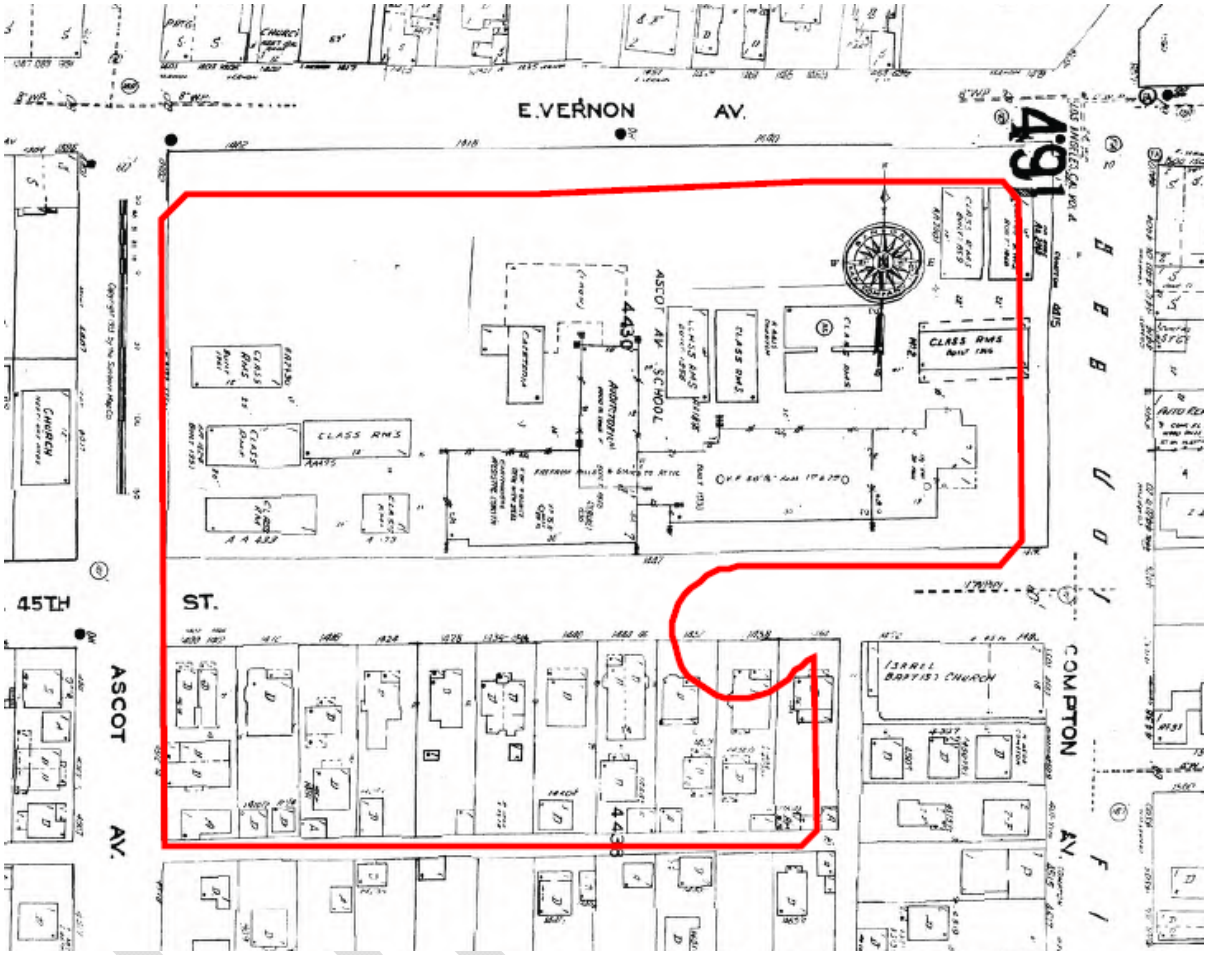
[26] Sapphos Environmental, Inc., *LAUSD Historic Context Statement* (p 71).
[27] Sapphos Environmental, Inc., *LAUSD Historic Context Statement* (p 102).
[28] Environmental Data Resources, Inc., Certified Sanborn Map Report (pages 5.1 and 5.2.).
[29] Environmental Data Resources, Inc., Photo Decade Package Report (photograph dated 1964).

Figure 15 1970 Sanborn Fire Insurance Company Map of Ascot Avenue School and Immediate Vicinity



Major changes took place at the school (renamed Ascot Avenue Elementary School) in the 1970s and beyond. In 1976, the district approved a design by the architecture firm Robert Clementine and Associates for a new Administrative & Classroom Building. The plans called for the demolition of the 1933 classroom wing to make room for a new two-story building to be situated along the school's East 45th Street frontage, adjoining the 1925 Classroom & Auditorium Building on its eastern elevation.[30] The LAUSD identifies 1977 as the building's construction date.[31] Between 1979 and 1983, aerial photographs suggest the school acquired a portion of the East 45th Street right-of-way and a row of eleven single- and multi-family residential properties situated along the street's southern frontage (Figure 16).[32] Several portable buildings first installed on the campus between 1949 and 1970 were located to this section of the school.[33] The area just east of the Classroom & Auditorium Building and the Cafeteria is now in use as a blacktop playground. In 2004, a new

[30] Los Angeles Unified School District, Vault Drawings (Administration and Classroom Building-1976).
[31] Los Angeles Unified School District. 2012. Ascot Elementary School: Campus Pre-Planning Survey. Prepared by Hibser Yamauchi Architects, Inc. Playa del Rey, CA. January 11, 2012.
[32] Environmental Data Resources, Inc., Photo Decade Package Report (photographs 1979 and 1983).
[33] Ibid. (photograph dated 2012); Los Angeles Unified School District, *Ascot Elementary School: Campus Pre-Planning Survey*.

Parking & Classroom Building opened and is situated near the intersection of Vernon and Compton avenues.

Figure 16 1983 Aerial Photograph of Ascot Avenue School and Immediate Vicinity

Sanborn maps dating to the 1950s through 1970 suggest that the area surrounding the school retains much of the mixed residential and commercial character it had attained by the early 1950s. However, these uses seemed to intensify, with denser development beginning to take place on properties in the immediate vicinity of the school by the early 1950s. Nearby properties along Vernon Avenue and part of Compton and Ascot avenues were in use for mostly commercial purposes by 1950. Additionally, residential occupancy appears to have become denser around this time, as many former single-family properties were occupied either by multi-unit buildings or multiple detached dwellings. Many buildings in the former category appear to have been garages converted to dwellings.[34]

[34] ERD, *Certified Sanborn Map Report*, 6-14.

4 Historic Overview

4.1 Focused Neighborhood History

Ascot Elementary School is located along East Vernon Avenue in Central Alameda neighborhood of the Southeast Los Angeles CPA, which was surveyed in 2015 as part of SurveyLA. A historic overview of the CPA was developed as part of the 2015 survey report and is excerpted in part below to provide a neighborhood context for the subject campus.

> The Southeast Los Angeles CPA developed in a southward pattern beginning in the late 19th century, as the city's growing network of streetcars allowed for development outside the historic city center. Though the area north of Slauson Boulevard was largely built out by the late 1910s, at this time the land to the south was still largely undeveloped and relatively remote. Much of it was used for vegetable and fruit cultivation by Chinese and Japanese residents. In 1903, however, a group of investors evicted the farmers and constructed the Ascot Park horse racing track at generally the area south of Slauson Boulevard and east of Avalon Boulevard. Referred to as being located in the "no man's land" on the skinny stretch of territory "running from Los Angeles to the sea," Ascot Park quickly became known as a notorious den of gambling and drinking. Its investors hoped to incorporate the area, and though unsuccessful, the larger area was known as Ascot Park until the late teens when the park (which converted to automobile racing from horse racing in the late 1900s) was dissolved altogether. The removal of the vast acreage of Ascot Park freed the land for residential and industrial development, which ensued at a monumental pace south of Slauson Boulevard in the 1920s.
>
> The Southeast Los Angeles CPA became the center of the city's African American community during the first half of the 20th century. The African American community in Los Angeles was first concentrated in the historic city center, around the neighborhood that is now Little Tokyo. As the community grew, it began moving south after the turn of the 20th century. Central Avenue was the primary thoroughfare around which this movement and development was centered, and blacks created a vibrant community there. By the late 1920s, the area had become home to jazz clubs, a vibrant social scene and nightlife, as well as black-owned businesses.
>
> During this time, the area remained racially and ethnically diverse. Despite the increasing concentration of African Americans, they remained in the minority. Whites, Asians, and Hispanics made up the remaining portion of the area's population during this period. It was not until the 1930s that the demographics in the area began to shift as these groups moved out of the area, and blacks became an increasing percentage of the population. Large numbers of African Americans moved to Los Angeles in the late 1920s and 1930s, drawn by the promise of jobs and homeownership. Prevented from moving farther west by racially restrictive covenants, they moved into the neighborhoods of Southeast Los Angeles. By 1940, for example, the neighborhood of Watts was 35 percent African American. As the black population increased, tensions rose between the black community in Watts and the white communities in adjacent areas. Racial covenants became enforced more fiercely as African Americans became a more noticeable presence in the city and Anglo Americans attempted to maintain their separation. Blacks became restricted to the area between Alameda Street on the east, San Pedro Street on the west, and Slauson Avenue on the

south. Those who attempted to move outside this proscribed area met with resistance, at times intimidating and violent.

The advent of World War II brought about an explosion in the city's population. The area became overcrowded as people flooded into the city seeking jobs in the defense industry, but the boundaries of the area around Central Avenue remained enforced by restrictive covenants. The postwar era continued these trends. It was in the postwar era that Central Avenue began its decline in earnest as overcrowding and deteriorating conditions brought about by the influx of migrants during the war only worsened. Middle-class blacks began moving out of the area after racial covenants were struck down by the Supreme Court case *Shelley v. Kraemer* in 1948, and the center of the prosperous black community shifted westward. In the decades after World War II, movement into the area continued, and the population became ever-increasingly African American. However, the notable and unifying businesses and institutions that had existed along Central Avenue moved westward as well, leaving the community around Central Avenue underserved and lacking in businesses and institutions.[35]

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[35] Los Angeles, City of.2012. *Southeast Los Angeles Community Plan Area.* Survey LA-Historic Resources Survey Report (p.9-10). Department of City Planning. Prepared by Galvin Preservation Associates. El Sugundo, CA. March, 2012.

5 Associated Design Professional Biographies

The following section presents biographies for the principal design professionals known to be associated with the primary and potentially significant buildings at Ascot Elementary School.

5.1 Ruoff & Munson

The architectural partnership Ruoff & Munson designed the 1925 Auditorium & Classroom Building at Ascot Avenue Elementary School.

Allen K. Ruoff and Arthur C. Munson established their architecture partnership in by 1924. Ruoff was born in Texas in 1894. He relocated to Los Angeles with his parents and step-siblings by 1910. After the dissolution of his partnership with Munson in 1926, Ruoff entered a partnership with William Allen.[36] Ruoff was most noted for the many residences he designed, often in Mediterranean Revival style. Among these were the Walter P. Story House and the E. T. Williams House, both featured in *Architectural Digest*. Ruoff also designed the Wilshire Branch of the Los Angeles Public Library (built 1927).[37]

Munson was born in Missouri, in 1886. By 1917, he and his wife, Helen, lived in Pasadena. Prior to forming his partnership with Ruoff, Munson designed both residential and commercial buildings in Southern California, including the Long Beach Theatre Project (1920). Little information was available at the time of the present study regarding Munson after he left the partnership with Ruoff. Munson died in 1969.[38]

[36] 2015. Michelson, Alan. "Allen Kelly Ruoff (Architect)." Pacific Coast Architecture Database (PCAD). Accessed May 14, 2018 at <http://pcad.lib.washington.edu/person/96/>; 2015. Michelson. "Ruoff and Munson, Architects (Partnership)." Pacific Coast Architecture Database (PCAD). Accessed May 14, 2018 at <http://pcad.lib.washington.edu/firm/586/>; 2015. Michelson. "Ruoff and Allen, Architects (Partnership)." Pacific Coast Architecture Database (PCAD).Accessed May 14, 2018 at <http://pcad.lib.washington.edu/firm/1389/>.
[37] National Register of Historic Places Inventory-Nomination Form for the Los Angeles Public Library, Wilshire Branch (n.d.) accessed May 14, 2016 at <http://pdfhost.focus.nps.gov/docs/NRHP/Text/87001024.pdf>.
[38] 2015. Michelson. "Arthur C. Munson (Architect)." Pacific Coast Architecture Database (PCAD). Accessed on May 14, 2018 at <http://pcad.lib.washington.edu/person/162/>.

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6 Significance Evaluation

This evaluation utilized the framework for historic resource assessments described in the *LAUSD Historic Context Statement, 1870-1969*, which follows the NRHP MPD format, which "defines themes of significance, eligibility standards, and related property types. Properties sharing a theme of significance are then assessed consistently, in comparison with resources that share similar physical characteristics and historical associations."[39] In addition, this evaluation utilized the MPD-format historic context statements prepared as part of SurveyLA, which similarly identify themes of significance along with associated registration requirements.[40]

In addition to each of the applicable federal, state, and local designation criteria, one evaluation framework and its associated eligibility standards and integrity thresholds from the LAUSD Historic Context Statement was identified and applied to this evaluation after careful consideration of all themes and subthemes. Each building on the campus was evaluated for eligibility both individually and as a contributor to any potential historic district. For buildings that were found to be potentially eligible, an integrity analysis was carried through in Section 7 to determine if the property retain sufficient integrity to convey the reasons for its significance.

Evaluation Framework 1

Theme: LAUSD | Pre–1933 Long Beach Earthquake School Plants, 1910-1933

Property Type: Institutional/Education

Property Subtypes: Elementary, Junior High, and High Schools Buildings and Campuses

Period of Significance: 1910–1933

Area of Significance: Education

Geographic Location: Citywide

Area of Significance: A/1

Eligibility Standards

- Embodies LAUSD school planning and design ideals and principles of the era
- One of few remaining schools from the pre–1933 Long Beach earthquake era that was not substantially altered or remodeled
- Retains most of the associative and character-defining features from the period of significance

Character-Defining Features – Buildings/Structures

- Articulated buildings plans, facilitating the creation of outdoor spaces (often T- shaped, E-shaped, U-shaped, and H-shaped plans)
- Generally low massing, usually one to two stories (with two to three stories more common for middle and senior high schools)
- Includes designed outdoor spaces, such as courtyards and patios, adjacent to classroom wings

[39] Sapphos Environmental, Inc., *LAUSD Historic Context Statement* (p 4).
[40] Los Angeles, City of. 2016. *Field Survey Results Master Report.* Survey LA-Los Angeles Historic Resources Survey. Department of City Planning. Los Angeles, CA. August, 2016.

- Exteriors usually lined with rows of grouped windows, including wood-framed multi-light windows; expanses of windows often mark the location of classrooms
- Designed in popular period-revival styles of the era (including Spanish Colonial Revival, Renaissance Revival, Mediterranean Revival, and Collegiate Gothic)
- Often designed by prominent architects of the era

Character-Defining Features – Campus/District

- Emphasis on a more spread-out site plan, with designed outdoor spaces
- More varied collection of buildings, differentiated by function and use (rather than a single building with all functions inside)
- Might include an elaborate Administrative building, usually the focal point of the campus, as well as classroom wings, auditoriums, gymnasiums, and outdoor recreation areas
- Middle or senior high schools might include a gymnasium designed in the style of the campus overall

Integrity Considerations

- Most pre-1933 schools were substantially remodeled following the Long Beach earthquake
- Designed outdoor spaces, such as courtyards and patios, should be intact in use, if not with landscape design and hardscaping; development pressures over the years often resulted in these open spaces being in-filled with new construction; overall sense of relationship of building to designed outdoor spaces should be intact
- Should retain integrity of Materials, Design, Workmanship, Feeling, and Association from its period of significance
- Intact campus groupings from a single period of time are not common
- Some materials and features may have been removed or altered
- Modern lighting and fencing of site acceptable

6.1 Designation Criteria A/1/1

Historic District Evaluation: Extant buildings on the subject campus were developed over a period of 80 years and do not exhibit a unified site plan or architectural style such that they meet the eligibility requirements for historic districts described in the *LAUSD Historic Context Statement* for eligibility under Criteria A/1/1.

Individual Resource Evaluation: None of the buildings appear to be individually eligible per the registration requirements described *LAUSD Historic Context Statement* for eligibility under Criteria A/1/1. As originally designed in 1925, the Auditorium & Classroom Building exhibited many of the common features of schools from its era, including most notably an L-shaped plan that integrated the building into its surroundings. The Auditorium & Classroom Building is the last remaining building from the initial development period of the subject campus, which was built at a time when the surrounding community was developing as an African American enclave. However, there is no indication that the school or the Auditorium & Classroom Building played a significant role, influencing the settlement patterns of the surrounding neighborhood. Furthermore, this building was substantially altered following the 1933 Long Beach Earthquake through the application of

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gunite and plaster to the exterior walls and the installation of a concrete replacement parapet. Although extensive alterations were common for school buildings following the Long Beach earthquake, the Auditorium & Classroom Building was further altered through the construction, demolition, and subsequent construction of an attached building to its east elevation. As discussed in detail below, these changes have resulted in a loss of integrity of materials, workmanship, setting, and feeling, such that the building no longer meets the integrity considerations identified in *LAUSD Historic Context Statement*. The remaining campus buildings also do not appear individually eligible for federal, state, or local designation. As described above, they were constructed over a period of nearly 80 years and do not meet the eligibility requirements described in the *LAUSD Historic Context Statement* for eligibility under Criteria A/1/1.

6.2 Designation Criteria B/2/2

Historic District and Individual Resource Evaluation: As a public elementary school, the subject campus and its individual buildings are associated with a number of individuals who attended, visited, or taught at the school. However, per the guidance of the National Park Service, properties that are significant for their association with an important person in our past, must illustrate a person's important achievements.[41] Archival research completed as part of this study identified former student Bill Douglas, who went on to become an accomplished jazz drummer and union activist. However, Douglass' notable achievements occurred after his career as a student at Ascot Elementary School. Further research of personages related to the subject campus failed to identify any direct and significant associations represented by the school or individual buildings. As a result, the campus and its buildings do not appear eligible for designation either individually or collectively as a historic district under Criterion B/2/2.

6.3 Designation Criteria C/3/3

Historic District Evaluation: Developed in phases over a period of 80 years, the campus buildings feature a variety of architectural styles that are representative of the period in which they were constructed. The campus does not feature cohesive design intent such that it meets any of the applicable eligibility standards described in the *LAUSD Historic Context Statement* and as a result does not appear eligible as a historic district under Criteria C/3/3.

Individual Resource Evaluation: The campus buildings do not appear individually eligible for federal, state, or local designation under Criteria C/3/3. The Auditorium & Classroom Building was rehabilitated following the 1933 Long Beach earthquake, which resulted in its restrained PWA Moderne style. In addition to having non-original additions, the design elements of this style it embodies are limited, and numerous other LAUSD buildings can be considered much better and consciously-designed examples, such as those found at Lincoln and Jefferson high schools. The postwar buildings on campus, while displaying minimal degrees of a Mid-Century Modern- and New Formalism-influenced architecture, are also not eligible under Criteria C/3/3. Although these buildings display some of the character-defining features of these styles, such as flat roofs with cantilevered overhangs, they lack the distinction required of significant properties for designation under Criteria C/3/3.

[41] U.S. Department of the Interior, National Park Service. 2002. *How to Apply the National Register Criteria for Evaluation*(p. 14). National Register Bulletin No. 15. Washington, DC.

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7 Integrity

Integrity is the ability of a property to convey its historic significance. In order to retain integrity, the property must possess enough of its character-defining features, materials, and spaces such that it continues to convey the reasons for its significance. According to the National Park Service, there are seven aspects of integrity: location, design, setting, materials, workmanship, feeling, and association.[42]

To retain integrity, a property will always possess several of these aspects, with those relevant aspects dependent on the property's significance. One building at Ascot Elementary School, the Auditorium & Classroom Building, was found to be potentially eligible as a representation of pre-1933 Long Beach earthquake school plants; however substantial alterations have affected some aspects of its integrity as detailed below:

7.1 Location

The Auditorium & Classroom Building has not been relocated from its original site; therefore, it retains integrity of location.

7.2 Design

Although there are no original drawings of the Auditorium & Classroom Building from 1925, plans from the 1936 strengthening and reconstruction suggest the building may have exhibited elements of the Renaissance Revival architectural styles popular during its period of construction. The 1936 plans also confirm that the building's PWA Moderne style was the result of post-1933 Long Beach earthquake intervention and resulted in a new concrete parapet wall, the application of gunite and plaster to exterior walls, and the removal and replacement of original cast stone elements with gunite. These alterations substantially changed the original 1925 design of the building, and while most pre-1933 schools were substantially altered following the earthquake, the Auditorium & Classroom Building was altered further following the construction, demolition, and subsequent construction of an attached building to its east elevation. The newly connected building was physically adjoined to the ground and upper levels of the prominent eastern elevation of the Auditorium & Classroom Building and resulted in the further compromise of the building's original design intent. As a result the building no longer retains integrity of design.

7.3 Setting

The setting of the Auditorium & Classroom Building has substantially changed since the building was constructed in 1925. At that time, the school boundaries were limited at the southern end by East 45th Street, which was not a cul-de-sac and extended westward to Ascot Avenue. The school boundaries have since expanded to include a portion of the formerly residential area to the south and the reconfiguration of East 45th Street. In addition to these noticeable changes, all of the early buildings on the Ascot Avenue campus, which contributed to the setting of the Auditorium & Classroom Building, have been demolished and replaced with buildings that feature more modern

[42] U.S. Department of the Interior, National Park Service. 2002. *How to Apply the National Register Criteria for Evaluation* (p. 44-47). National Register Bulletin No. 15. Washington, DC.

and incompatible architectural styles. As a result, the Auditorium & Classroom Building no longer retains integrity of setting.

7.4 Materials

As discussed above, the Auditorium & Classroom Building has been substantially altered through its developmental history, stemming from its 1936 strengthening and reconstruction and the buildings that were connected to its eastern elevation. These alterations have resulted in the extensive removal of original building materials, and the Auditorium & Classroom Building does not retain integrity of materials as a result.

7.5 Workmanship

The physical evidence and workmanship of the Auditorium & Classroom Building were largely erased following the application of gunite and plaster to exterior walls and the removal of original cast stone architectural features. The building no longer retains integrity of workmanship as a result.

7.6 Feeling

The integrity of feeling is the quality a property has in evoking a historic sense of past, and is largely tied to a property's integrity of design, setting, materials, and workmanship. Because all of these aspects of integrity have been comprised, the Auditorium & Classroom Building no longer retains integrity of feeling.

7.7 Association

Similar to feeling, the integrity of association depends on a period appearance and is conveyed through the combined integrity of setting, location, design, workmanship, materials, and feeling. Because the Auditorium & Classroom Building does not retain integrity in many of these aspects it does not retain integrity of association.

7.8 Summary

The Auditorium & Classroom Building is associated with the theme of pre-1933 Long Beach earthquake school plants. However, the substantial alterations that followed the earthquake and the construction and reconstruction of adjoining buildings to its prominent eastern elevation have resulted in a loss of integrity of design, setting, materials, workmanship, feeling, and association. As a result, the building does not meet the integrity considerations identified in *LAUSD Historic Context Statement, 1870-1969* for schools from this era and it does not appear eligible for federal, state, or local designation as a result.

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8 Conclusion

In summary, Ascot Elementary School and the buildings it contains are recommended ineligible for federal, state, or local designation under any applicable criteria. The oldest building on the campus dates to 1925, but as detailed above, it was extensively altered immediately after the 1933 Long Beach earthquake and in the decades that followed. These alterations have resulted in a loss of integrity of materials, design, workmanship, setting, and feeling, and the building no longer retains sufficient integrity to meet the registration requirements outlined in the LAUSD Historic Context Statement. The other campus buildings were constructed intermittently over a period of 40 years in the decades after World War II and are not representative of LAUSD design principles of the postwar era. The campus does not appear eligible for federal, state, or local designation under any applicable criteria and is not considered a historical resource for the purposes of CEQA.

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Appendix A

Resource Records

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APPENDIX B

Preliminary Environmental Assessment Equivalent

INTEROFFICE CORRESPONDENCE
Los **A**ngeles **U**nified **S**chool **D**istrict
Office of Environmental Health and Safety

TO: Tae H. Kim, Facilities Development Manager
LAUSD – Facilities Services Division

DATE: January 25, 2019

FROM: Eric Longenecker, Site Assessment Project Manager (CP) EBL
LAUSD – Office of Environmental Health & Safety

SUBJECT: **ASCOT AVENUE ELEMENTARY SCHOOL PRELIMINARY SOIL SAMPLING RESULTS**

Introduction

The Los Angeles Unified School District (LAUSD or the "District") has identified Ascot Avenue Elementary School (the "Campus") as one the schools that is in need of a comprehensive modernization. LAUSD has chosen to utilize a design-build project delivery method. This requires that documents be created for inclusion into a Request for Proposal (RFP). The presence or absence of soil that would be deemed hazardous and/or unacceptable for a school site is important for those responding to the RFP. In accordance with LAUSD policy, the District's Office of Environmental Health and Safety (OEHS) is in the process of completing soil testing to characterize the soil present at the Campus. The results and associated conclusions and recommendations will be presented in a Preliminary Environmental Assessment Equivalent (PEA-E) report. The PEA-E is currently being prepared and is expected to be completed no later than necessary for inclusion in the final addendum to the RFP. To provide initial information about the soil, this document has been prepared to provide bidders with the information that is available as of the date of this correspondence.

Purpose of Soil Sampling

LAUSD has a policy against leaving soil with known concentrations that make it hazardous under the federal Resource Conservation and Recovery Act (RCRA) and/or 22 California Code of Regulations (CCR) Section 66262.11 (Cal-Haz). Such soil is to be removed as soon as possible if an exposure pathway exists or at the first reasonable opportunity if no exposure pathway exists. The completion of a comprehensive modernization project creates such an opportunity to remove impacted soil.

South Coast Air Quality Management District (SCAQMD) Rule 1466 – *Control of Particulate Emission from Soils with Toxic Air Contaminants* imposes certain requirements on the excavation of any amount of soil from sites under environmental oversight and/or with greater than 50 cubic yards (CY) of soil with concentrations of contaminants above a given level. Soil sampling was conducted to determine if this rule applies to this project that is not otherwise subject to environmental oversight.

Please note that the results of this soil sampling do not eliminate the requirement to test any exported soil in accordance with LAUSD Specification Section 01 *4524 Environmental Import/Export Materials Testing*.

Summary of Completed and Anticipated Field Work

Wayne Perry, Inc. (the "Consultant") has completed two soil sampling events at the Campus. The first collected soil samples from more than seventy-two (72) locations spread throughout the Campus during the winter recess. Samples were collected at three (3) depths at all locations: 0"-6" of first encountered

soil (i.e. below any pavement and base); then approximately 12” to 18”; and 24” to 30”. The sample locations are illustrated in Figure 1.

Based on the initial results additional samples were collected on January 21, 2019 from twenty-one (21) locations at the same depths. The sample locations are illustrated in Figure 2.

Preliminary Results

The results of the samples are compared to regulatory guidelines in Tables 1 through 3. Based on the analyses requested to date, the only identified chemical of concern is lead. Lead concentrations from eight (8) locations are high enough to be deemed Cal-Haz, but so far not federal (i.e. RCRA) hazardous: SB39, SB45, SB46, SB48, SB49, SB50, SB51, and SB52. All of these locations are south of what was formerly the centerline of 45th Street. It is known that this area contained residential homes until the early-1970s when they were condemned along with a section of 45th Street to expand the Campus. The presence of hazardous soil in the southern half requires that a removal action with off-Campus disposal of said soil be completed. Figure 3 illustrates what may be the boundaries of two locations that require removal. If these locations were excavated to a depth of three feet (3’) the volume of soil would be approximately 2,100 CY (approximately 3,800 tons).

The north side of the Campus has been a school since the second half of the 1800s. When the ninety-five percent upper confidence limit (95% UCL) is calculated for the lead results for the north side using EPA’s ProUCL[1] software, the suggested concentration falls between 50 and 60 milligrams per kilogram (mg/kg); which is less than the Department of Toxic Substances Control (DTSC) limit of 80[2] mg/kg. Therefore, no special handing is required for the soil in the northern half of the Campus.

Next Steps

A third round of sampling has been scheduled for February 18, 2019. The results of the sampling should allow the Consultant to determine the volume of soil that must be removed from the Campus to allow LAUSD-OEHS to determine that no further environmental issues exist for the soil. As noted above, it is currently estimated that this volume will greatly exceed 50 CYs and the restrictions of SCAQMD Rule 1466 will apply when soil in the southern half of the Campus is excavated. The actual estimated volume along with guidance for the removal of the soil will be presented in the PEA-E to be completed before the final addendum is issued.

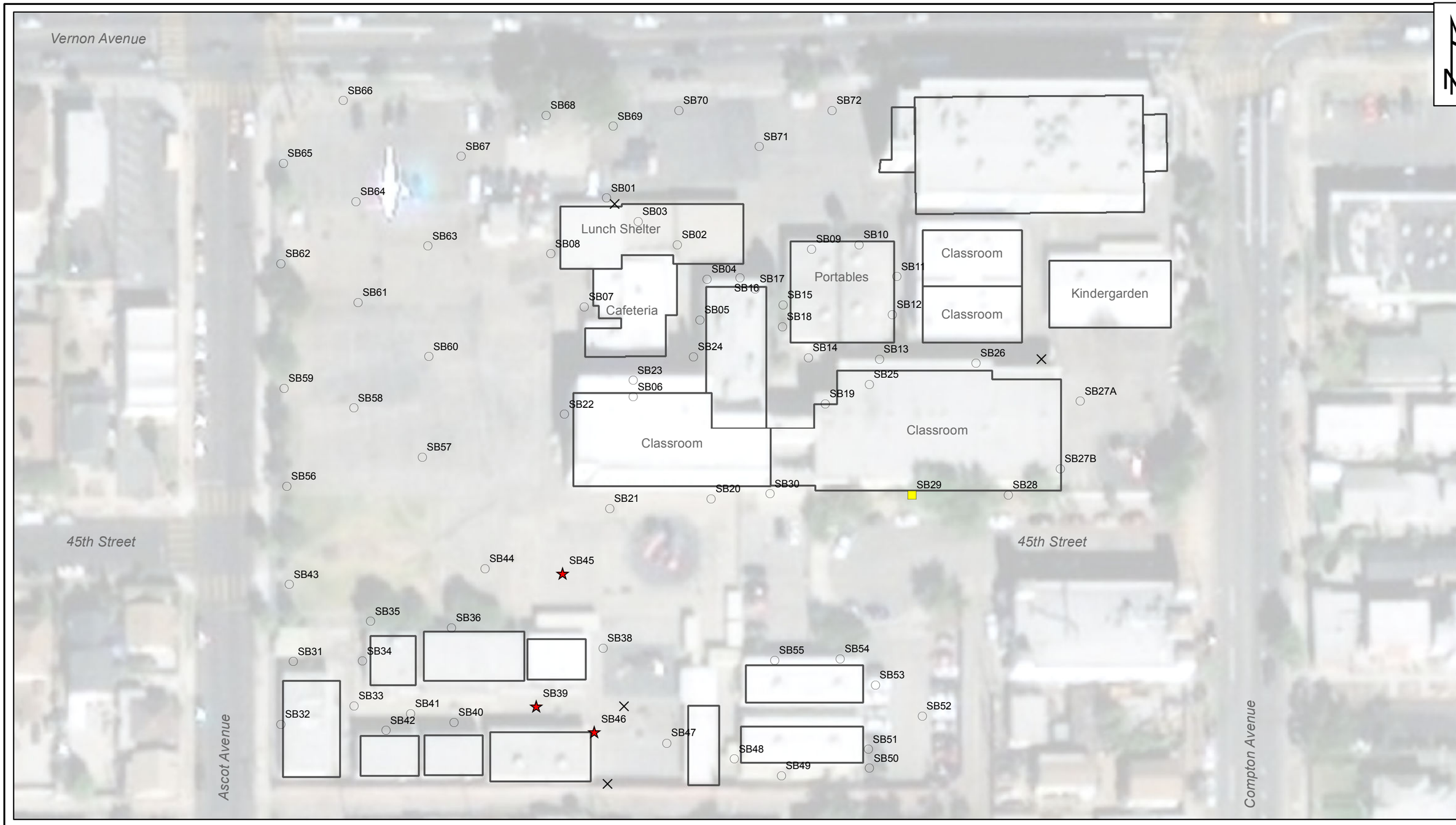
CC: Project file

Attachments:

- Figure 1 Soil Sample Locations
- Figure 2 Soil Sample detail
- Figure 3 Potential Removal Areas
- Table 1 - Summary of Arsenic and Lead Detections in Soil
- Table 2 - Summary of CAM Metals, PCBs, and PAH Detections in Soil
- Table 3 – Summary of Organochlorine Pesticide Detections in Soil

[1] Available for download at https://www.epa.gov/land-research/proucl-software

[2] Table 1 of Human and health Risk Office Note 3 DTSC-Modified Screening Levels released January 2018 and available online at https://www.dtsc.ca.gov/AssessingRisk/upload/HHRA-Note-3-January-2018.pdf

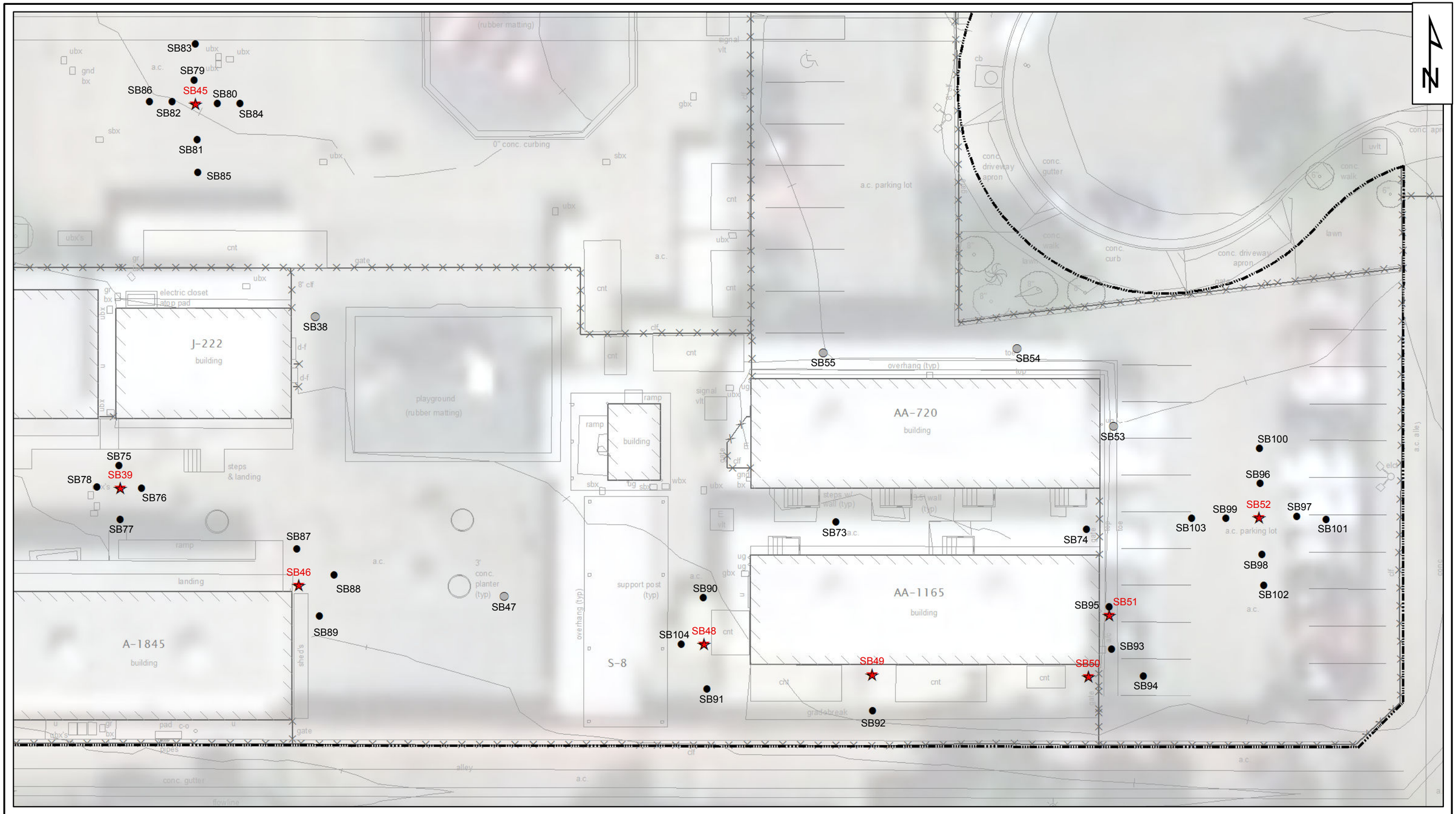


Legend

- ○ Soil Sample Location Where No Further Action is Required
- ■ Soil Sample Location Considered Non-Hazardous But Requires Removal
- ★ Soil Sample Location Considered Cal-Haz and Must Be Removed
- × Survey Nail

60 30 0 60
Feet

CONSULTING - CONSTRUCTION WaynePerry SINCE 1968 ENGINEERING - MAINTENANCE	DATE	Soil Sample Locations	FIGURE NO. 1
	REVISED 1/16/2019	Ascot Avenue Elementary School 1447 East 45th Street Los Angeles, California	PROJECT NO. 180618
	FILE Base1 - Copy		



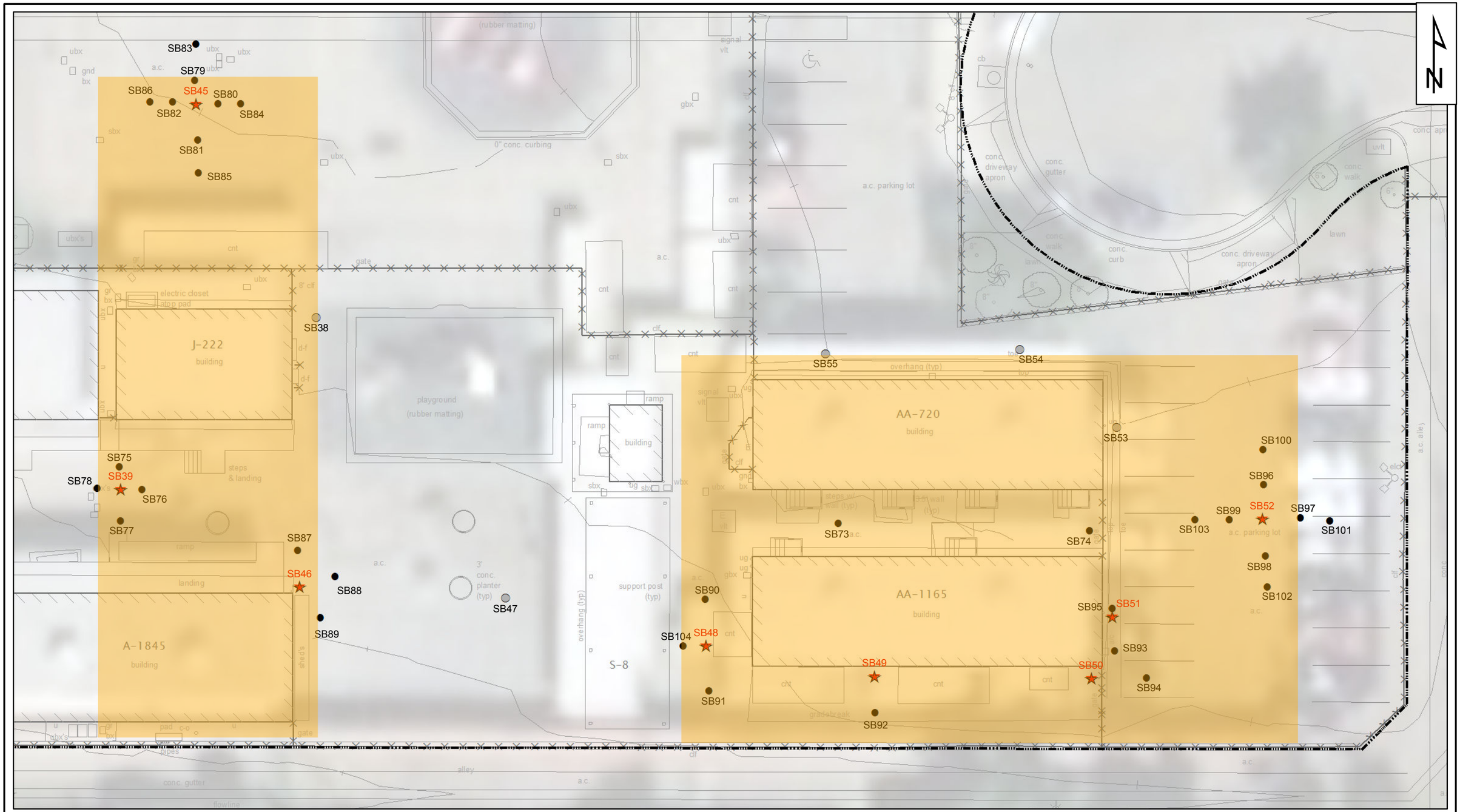
Legend

- ★ Soil Sample Location Considered Cal-Haz and Must Be Removed
- ● Proposed Step-Out Boring Location
- ○ Soil Sample Location Where No Further Action is Required

20 10 0 20
Feet

WaynePerry CONSULTING - CONSTRUCTION ENGINEERING - MAINTENANCE SINCE 1968

DATE	Soil Sample Detail	FIGURE NO.	2
REVISED 1/24/2019	Ascot Avenue Elementary School 1447 East 45th Street Los Angeles, California		
FILE StepoutLocsZm_BL		PROJECT NO.	180618



Legend

- ★ Soil Sample Location Considered Cal-Haz and Must Be Removed
- ● Proposed Step-Out Boring Location
- ○ Soil Sample Location Where No Further Action is Required

Potential Removal Area

20 10 0 20
Feet

WaynePerry CONSULTING - CONSTRUCTION ENGINEERING - MAINTENANCE SINCE 1968	DATE	Potential Removal Areas	FIGURE NO. 3
	REVISED 1/24/2019	Ascot Avenue Elementary School 1447 East 45th Street Los Angeles, California	PROJECT NO. 180618
	FILE StepoutLocsZm_BL		

Table 1 - Summary of Arsenic and Lead Detections in Soil
Ascot Elementary School
1447 East 45th Street
Los Angeles, California

LOCATION	SAMPLE	DEPTH	SAMPLE DATE	LOCATION [N - North/ S - South of 45th Street Ext.]	Arsenic by EPA Method 6020 (mg/kg)	Lead by EPA Method 6010B (mg/kg)	Lead (STLC) (mg/L)	Lead (TCLP) (mg/L)
SCREENING LEVELS					**12[a]**	**80[b]**	**5[c]**	**5[c]**
SB01	SB01d0.5	0.5	12/19/18	N	2.9	4.4	-	-
SB02	SB02d0.5	0.5	12/20/18	N	2.2	15	-	-
SB03	SB03d0.5	0.5	12/20/18	N	2.8	13	-	-
	SB03d1.5	1.5	12/20/18	N	2.2	4.5	-	-
	SB03d2.5	2.5	12/20/18	N	1.8	6.1	-	-
SB04	SB04d0.5	0.5	12/20/18	N	2.0	6.9	-	-
	SB04d1.5	1.5	12/20/18	N	1.2	31	-	-
	SB04d2.5	2.5	12/20/18	N	1.1	2.4	-	-
SB05	SB05d0.5	0.5	12/21/18	N	3.0	5.4	-	-
SB06	SB06d0.5	0.5	12/21/18	N	1.3	20	-	-
SB07	SB07d0.5	0.5	12/21/18	N	2.7	24	-	-
SB08	SB08d0.5	0.5	12/21/18	N	2.6	4.7	-	-
SB09	SB09d0.5	0.5	12/26/18	N	1.9	7.6	-	-
SB10	SB10d0.5	0.5	12/26/18	N	1.3	43	-	-
SB11	SB11d0.5	0.5	12/26/18	N	1.6	73	-	-
SB12	SB12d0.5	0.5	12/26/18	N	1.4	**110**	-	-
	SB12d1.5	1.5	12/26/18	N	-	2.7	-	-
SB13	SB13d0.5	0.5	12/26/18	N	1.5	40	-	-
SB14	SB14d0.5	0.5	12/26/18	N	1.9	**160**	1.2	-
	SB14d1.5	1.5	12/26/18	N	-	21	-	-
SB15	SB15d0.5	0.5	12/26/18	N	1.4	30	-	-
SB17	SB17d0.5	0.5	12/21/18	N	1.8	**190**	4.6	-
	SB17d1.5	1.5	12/21/18	N	-	46	-	-
SB18	SB18d0.5	0.5	12/21/18	N	4.0	6.2	-	-
SB19	SB19d0.5	0.5	12/21/18	N	7.3	70	-	-
SB20	SB20d0.5	0.5	12/20/18	N	3.5	35	-	-
	SB20d1.5	1.5	12/20/18	N	3.6	2.7	-	-
	SB20d2.5	2.5	12/20/18	N	1.6	1.9	-	-
SB21	SB21d0.5	0.5	12/20/18	N	2.9	53	-	-
SB22	SB22d0.5	0.5	12/20/18	N	1.8	14	-	-
SB23	SB23d0.5	0.5	12/20/18	N	2.1	29	-	-
	SB23d1.5	1.5	12/20/18	N	ND	6.9	-	-
	SB23d2.5	2.5	12/20/18	N	1.0	10	-	-
SB24	SB24d0.5	0.5	12/20/18	N	1.5	**98**	-	-
	SB24d1.5	1.5	12/20/18	N	1.3	3.6	-	-
	SB24d2.5	2.5	12/20/18	N	1.4	1.9	-	-
SB25	SB25d0.5	0.5	12/21/18	N	5.7	16	-	-
SB26	SB26d0.5	0.5	12/21/18	N	5.2	35	-	-
SB27	SB27Ad0.5	0.5	12/21/18	N	8.3	10	-	-
	SB27Bd0.5	0.5	12/21/18	N	4.1	9.8	-	-
SB28	SB28d0.5	0.5	12/21/18	N	4.3	32	-	-
SB29	SB29d0.5	0.5	12/21/18	N	3.3	**320**	3.1	-
	SB29d1.5	1.5	12/21/18	N	-	17	-	-
SB30	SB30d0.5	0.5	12/21/18	N	**12**	**87**	-	-
	SB30d1.5	1.5	12/21/18	N	-	11	-	-

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LOCATION	SAMPLE	DEPTH	SAMPLE DATE	LOCATION [N - North/ S - South of 45th Street Ext.]	Arsenic by EPA Method 6020 (mg/kg)	Lead by EPA Method 6010B (mg/kg)	Lead (STLC) (mg/L)	Lead (TCLP) (mg/L)
SCREENING LEVELS					**12[a]**	**80[b]**	**5[c]**	**5[c]**
SB31	SB31d0.5	0.5	12/20/18	S	3.5	**110**	-	-
	SB31d1.5	1.5	12/20/18	S	1.0	14	-	-
	SB31d2.5	2.5	12/20/18	S	0.8	1.2	-	-
SB32	SB32d0.5	0.5	12/20/18	S	1.2	37	-	-
	SB32d1.5	1.5	12/20/18	S	1.7	1.6	-	-
	SB32d2.5	2.5	12/20/18	S	1.1	1.9	-	-
SB33	SB33d0.5	0.5	12/20/18	S	2.3	21	-	-
	SB33d1.5	1.5	12/20/18	S	1.8	74	-	-
	SB33d2.5	2.5	12/20/18	S	0.96	1.8	-	-
SB34	SB34d0.5	0.5	12/19/18	S	3.0	**120**	2.1	-
	SB34d1.5	1.5	12/19/18	S	-	23	-	-
SB35	SB35d0.5	0.5	12/18/18	S	2.7	33	-	-
SB36	SB36d0.5	0.5	12/19/18	S	2.8	61	-	-
SB38	SB38d0.5	0.5	12/19/18	S	1.6	10	-	-
SB39	SB39d0.5	0.5	12/19/18	S	3.4	**170**	**15**	0.16
	SB39d1.5	1.5	12/19/18	S	-	4.0	0.42	-
SB40	SB40d0.5	0.5	12/19/18	S	1.5	51	-	-
SB41	SB41d0.5	0.5	12/19/18	S	3.4	42	-	-
SB42	SB42d0.5	0.5	12/19/18	S	2.2	8.2	-	-
SB43	SB43d0.5	0.5	12/18/18	S	2.7	53	-	-
SB44	SB44d0.5	0.5	12/19/18	S	2.0	42	-	-
SB45	SB45d0.5	0.5	12/19/18	S	**14**	**240**	**12**	0.15
	SB45d1.5	1.5	12/19/18	S	-	**290**	**22**	0.12
	SB45d2.5	2.5	12/19/18	S	-	-	2.7	-
SB46	SB46d0.5	0.5	12/19/18	S	4.5	**180**	**11**	0.054
	SB46d1.5	1.5	12/19/18	S	-	2.4	0.08	-
SB47	SB47d0.5	0.5	12/20/18	S	1.6	73	-	-
	SB47d1.5	1.5	12/20/18	S	1.8	63	-	-
	SB47d2.5	2.5	12/20/18	S	2.1	**100**	-	-
SB48	SB48d0.5	0.5	12/20/18	S	2.6	61	-	-
	SB48d1.5	1.5	12/20/18	S	2.5	**230**	**54**	Pending
	SB48d2.5	2.5	12/20/18	S	1.3	2.6	-	-
SB49	SB49d0.5	0.5	12/20/18	S	4.3	61	-	-
	SB49d1.5	1.5	12/20/18	S	2.8	**220**	**21**	Pending
	SB49d2.5	2.5	12/20/18	S	1.6	13	-	-
SB50	SB50d0.5	0.5	12/20/18	S	4.1	70	-	-
	SB50d1.5	1.5	12/20/18	S	3.7	**170**	**12**	-
	SB50d2.5	2.5	12/20/18	S	1.6	2.5	-	-
SB51	SB51d0.5	0.5	12/20/18	S	2.9	62	-	-
	SB51d1.5	1.5	12/20/18	S	2.7	31	-	-
	SB51d2.5	2.5	12/20/18	S	2.2	**160**	**11**	-
SB52	SB52d0.5	0.5	12/20/18	S	3.6	**170**	**5.5**	-
	SB52d1.5	1.5	12/20/18	S	1.2	2.1	-	-
	SB52d2.5	2.5	12/20/18	S	0.95	1.5	-	-

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LOCATION	SAMPLE	DEPTH	SAMPLE DATE	LOCATION [N - North/ S - South of 45th Street Ext.]	Arsenic by EPA Method 6020 (mg/kg)	Lead by EPA Method 6010B (mg/kg)	Lead (STLC) (mg/L)	Lead (TCLP) (mg/L)
SCREENING LEVELS					**12[a]**	**80[b]**	**5[c]**	**5[c]**
SB53	SB53d0.5	0.5	12/20/18	S	3.1	38	-	-
	SB53d1.5	1.5	12/20/18	S	3.3	2.7	-	-
	SB53d2.5	2.5	12/20/18	S	2.2	2.0	-	-
SB54	SB54d0.5	0.5	12/20/18	S	3.3	27	-	-
	SB54d1.5	1.5	12/20/18	S	1.1	2.5	-	-
	SB54d2.5	2.5	12/20/18	S	1.2	2.3	-	-
SB55	SB55d0.5	0.5	12/20/18	S	1.3	4.4	-	-
	SB55d1.5	1.5	12/20/18	S	1.3	2.9	-	-
	SB55d2.5	2.5	12/20/18	S	1.3	2.0	-	-
SB56	SB56d0.5	0.5	12/18/18	N	2.3	40	-	-
SB57	SB57d0.5	0.5	12/19/18	N	2.3	**84**	-	-
	SB57d1.5	1.5	12/19/18	N	-	**170**	-	-
SB58	SB58d0.5	0.5	12/19/18	N	3.0	60	-	-
SB59	SB59d0.5	0.5	12/18/18	N	3.0	**85**	-	-
	SB59d1.5	1.5	12/18/18	N	-	3.1	-	-
SB60	SB60d0.5	0.5	12/19/18	N	2.5	54	-	-
SB61	SB61d0.5	0.5	12/19/18	N	2.6	**120**	-	-
	SB61d1.5	1.5	12/19/18	N	-	27	-	-
SB62	SB62d0.5	0.5	12/18/18	N	3.3	48	-	-
SB63	SB63d0.5	0.5	12/19/18	N	1.8	40	-	-
SB64	SB64d0.5	0.5	12/19/18	N	10	**120**	-	-
	SB64d1.5	1.5	12/19/18	N	-	16	-	-
SB65	SB65d0.5	0.5	12/18/18	N	5.3	27	-	-
SB66	SB66d0.5	0.5	12/18/18	N	4.3	33	-	-
SB67	SB67d0.5	0.5	12/19/18	N	2.2	19	-	-
SB68	SB68d0.5	0.5	12/18/18	N	3.7	**96**	-	-
	SB68d1.5	1.5	12/18/18	N	-	3.8	-	-
SB69	SB69d0.5	0.5	12/20/18	N	1.6	59	-	-
	SB69d1.5	1.5	12/20/18	N	1.5	26	-	-
	SB69d2.5	2.5	12/20/18	N	1.4	33	-	-
SB70	SB70d0.5	0.5	12/26/18	N	ND	34	-	-
SB71	SB71d0.5	0.5	12/26/18	N	2.0	28	-	-
SB72	SB72d0.5	0.5	12/26/18	N	1.8	40	-	-
SB73	SB73d0.5	0.5	01/21/19	S	-	55	-	-
SB74	SB74d0.5	0.5	01/21/19	S	-	**120**	-	-
SB75	SB75d0.5	0.5	01/21/19	S	-	**190**	-	-
	SB75d1.5	1.5	01/21/19	S	-	**130**	-	-
SB76	SB76d0.5	0.5	01/21/19	S	-	**92**	-	-
	SB76d1.5	1.5	01/21/19	S	-	56	-	-
SB77	SB77d0.5	0.5	01/21/19	S	-	**150**	-	-
	SB77d1.5	1.5	01/21/19	S	-	18	-	-
SB78	SB78d0.5	0.5	01/21/19	S	-	34	-	-
	SB78d1.5	1.5	01/21/19	S	-	**160**	-	-
SB79	SB79d0.5	0.5	01/21/19	S	-	60	-	-
	SB79d1.5	1.5	01/21/19	S	-	**140**	-	-
	SB79d2.5	2.5	01/21/19	S	-	3.6	-	-

Table 1 - Summary of Arsenic and Lead Detections in Soil
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Los Angeles, California

LOCATION	SAMPLE	DEPTH	SAMPLE DATE	LOCATION [N - North/ S - South of 45th Street Ext.]	Arsenic by EPA Method 6020 (mg/kg)	Lead by EPA Method 6010B (mg/kg)	Lead (STLC) (mg/L)	Lead (TCLP) (mg/L)
SCREENING LEVELS					**12[a]**	**80[b]**	**5[c]**	**5[c]**
SB80	SB80d0.5	0.5	01/21/19	S	-	**85**	-	-
	SB80d1.5	1.5	01/21/19	S	-	**810**	Pending	-
	SB80d2.5	2.5	01/21/19	S	-	63	-	-
SB81	SB81d0.5	0.5	01/21/19	S	-	77	-	-
	SB81d1.5	1.5	01/21/19	S	-	**280**	-	-
	SB81d2.5	2.5	01/21/19	S	-	6.0	-	-
SB82	SB82d0.5	0.5	01/21/19	S	-	19	-	-
	SB82d1.5	1.5	01/21/19	S	-	**390**	Pending	-
	SB82d2.5	2.5	01/21/19	S	-	**84**	-	-
SB87	SB87d0.5	0.5	01/21/19	S	-	**140**	-	-
	SB87d1.5	1.5	01/21/19	S	-	**240**	-	-
SB88	SB88d0.5	0.5	01/21/19	S	-	47	-	-
	SB88d1.5	1.5	01/21/19	S	-	Not sampled	-	-
SB89	SB89d0.5	0.5	01/21/19	S	-	**200**	-	-
	SB89d1.5	1.5	01/21/19	S	-	37	-	-

Notes:
- denotes not analyzed
ND - denotes result not detected above method detection limit
Bold where detection exceeds the preliminary screening level of 80 mg/kg
where detection exceeds the STLC of 5 mg/L

a - denotes screening level derived from *"Determination of a Southern California Regional Background Arsenic Concentration in Soil"* by G. Chernoff, W. Bosan, and D. Oudiz, California Department of Toxic Substances Control.
b - denotes screening level derived from *"Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Result of Lead from Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers,"* by the Department of Toxic Substances Control, Revised 06/09/06.
c denotes screening level for STLC/Cal-Haz and TCLP/RCRA-Haz waste classification.

Table 2 - Summary of CAM Metals, PCBs, and PAH Detections in Soil
Ascot Elementary School
1447 East 45th Street
Los Angeles, California

			Metals by EPA Method 6010B (mg/kg)										EPA Method 7471A (mg/kg)	PCBs by EPA Method 8082 (µg/kg)	PAHs by EPA Method 8270C SIM (µg/kg)												
SAMPLE	DEPTH	SAMPLE DATE	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Molybdenum	Nickel	Vanadium	Zinc	Mercury	Aroclor 1260	Anthracene	Benzo_a_anthracene	Benzo_a_pyrene	Benzo_b_fluoranthene	Benzo_g,h,i_perylene	Benzo_k_fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Indeno_1,2,3-cd_pyrene	Naphthalene	Phenanthrene	Pyrene
SB01d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB02d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB03d0.5	0.5	20-Dec-18	110	0.41	0.25	16	6.6	17	ND	10	37	50	0.051	-	ND	6.5	7.4	9.9	4.9	ND	6.4	ND	14	4.2	ND	6.1	15
SB03d1.5	1.5	20-Dec-18	110	0.37	ND	14	6.6	15	ND	8.2	44	42	0.05	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB03d2.5	2.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB04d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-													
SB05d0.5	0.5	21-Dec-18	72	0.34	ND	12	5.2	11	ND	7.7	28	28	0.034	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB06d0.5	0.5	21-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.5
SB07d0.5	0.5	21-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB08d0.5	0.5	21-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB09d0.5	0.5	26-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB10d0.5	0.5	26-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	4.5	7.3	ND	88	100	21	25	6.9	11	77	ND	6.1	12
SB11d0.5	0.5	26-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB12d0.5	0.5	26-Dec-18	110	ND	0.29	14	5.7	19	ND	7.5	33	110	0.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB13d0.5	0.5	26-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB14d0.5	0.5	26-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB15d0.5	0.5	26-Dec-18	91	ND	ND	14	6.1	14	ND	8.0	34	63	0.081	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB17d0.5	0.5	21-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB18d0.5	0.5	21-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB19d0.5	0.5	21-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	17	12	13	20	12	8.4	19	ND	21	8	ND	28	31
SB20d0.5	0.5	20-Dec-18	110	0.47	0.36	15	6.9	19	ND	9.7	36	81	0.08	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB20d1.5	1.5	20-Dec-18	74	0.34	ND	11	5.2	10	ND	6.7	31	35	0.049	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB21d0.5	0.5	20-Dec-18	96	ND	0.35	14	5.9	20	ND	8.2	32	89	0.051	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB22d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB23d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB23d1.5	1.5	20-Dec-18	67	ND	ND	8.7	4.2	8.8	ND	5.1	26	41	0.048	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB23d2.5	2.5	20-Dec-18	64	ND	ND	8.7	3.9	8.9	ND	4.5	24	38	0.061	-	ND	4	5.4	7.6	4.9	ND	4.7	ND	8.7	4.3	ND	ND	11
SB24d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB25d0.5	0.5	21-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB26d0.5	0.5	21-Dec-18	130	0.44	0.38	27	8.6	22	ND	19	42	75	0.043	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27Ad0.5	0.5	21-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB27Bd0.5	0.5	21-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB28d0.5	0.5	21-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB29d0.5	0.5	21-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	ND	55	57	74	28	27	70	8.9	94	29	ND	37	110
SB30d0.5	0.5	21-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB31d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB31d1.5	1.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB31d2.5	2.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32d0.5	0.5	20-Dec-18	80	0.38	0.27	9.4	4.2	21	ND	5.3	24	79	0.18	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32d1.5	1.5	20-Dec-18	71	0.31	ND	10	4.7	9.2	ND	5.7	29	29	ND	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB32d2.5	2.5	20-Dec-18	76	0.44	ND	12	5.2	10	ND	6.3	33	33	0.048	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB33d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB34d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB35d0.5	0.5	18-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	4.2	ND	ND	ND	ND	ND	39	ND	26	ND	4.1	15	31
SB36d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB38d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB39d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	ND	7.1	8.3	17	6.8	4.7	11	ND	15	6.4	ND	6.4	14

Table 2 - Summary of CAM Metals, PCBs, and PAH Detections in Soil
Ascot Elementary School
1447 East 45th Street
Los Angeles, California

			Metals by EPA Method 6010B (mg/kg)										EPA Method 7471A (mg/kg)	PCBs by EPA Method 8082 (µg/kg)	PAHs by EPA Method 8270C SIM (µg/kg)												
SAMPLE	DEPTH	SAMPLE DATE	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Molybdenum	Nickel	Vanadium	Zinc	Mercury	Aroclor 1260	Anthracene	Benzo_a_anthracene	Benzo_a_pyrene	Benzo_b_fluoranthene	Benzo_g,h,i_perylene	Benzo_k_fluoranthene	Chrysene	Dibenz(a,h)anthracene	Fluoranthene	Indeno_1,2,3-cd_pyrene	Naphthalene	Phenanthrene	Pyrene
SB40d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB41d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB42d0.5	0.5	19-Dec-18	61	0.58	ND	13	5.5	16	ND	9.7	28	39	0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB43d0.5	0.5	18-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	22	40	24	ND	29	ND	44	16	ND	20	49
SB44d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB45d0.5	0.5	19-Dec-18	250	0.39	1.3	27	7.5	91	1.1	16	34	410	0.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB46d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47d1.5	1.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB47d2.5	2.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB48d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB49d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB50d2.5	2.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB51d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	21 J	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51d1.5	1.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB51d2.5	2.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB52d0.5	0.5	20-Dec-18	150	0.33	0.5	15	5.8	45	ND	8.4	33	220	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB52d1.5	1.5	20-Dec-18	60	0.3	ND	9.6	4.5	9	ND	5.2	27	30	0.016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB52d2.5	2.5	20-Dec-18	64	0.27	ND	9.8	4.4	7.8	ND	5.2	27	27	0.017	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB53d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB54d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB55d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB56d0.5	0.5	18-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB57d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	ND	12	18	34	19	12	19	7.5	18	17	ND	8.3	19
SB58d0.5	0.5	19-Dec-18	180	0.44	0.32	20	7.6	31	ND	11	41	110	0.13	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB59d0.5	0.5	18-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB60d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB61d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB62d0.5	0.5	18-Dec-18	90	0.25	0.38	14	5.4	22	ND	8.7	32	160	0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB63d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	5	7.4	7.9	ND	ND	ND	ND	6.5	ND	ND	4.7
SB64d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB65d0.5	0.5	18-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB66d0.5	0.5	18-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SB67d0.5	0.5	19-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB68d0.5	0.5	18-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB69d0.5	0.5	20-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB70d0.5	0.5	26-Dec-18	81	ND	ND	14	6.4	17	ND	7.9	37	47	0.041	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB71d0.5	0.5	26-Dec-18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SB72d0.5	0.5	26-Dec-18	-	-	-	-	-	-	-	-	-	-	-	ND	-	-	-	-	-	-	-	-	-	-	-	-	-
SCREENING LEVELS[a]			**15,000**	**1,600**	**71**	**-**	**23**	**3,100**	**390**	**-**	**390**	**23,000**	**10**	**240**	**18,000**	**1,100**	**110**	**1,100**	**-**	**11,000**	**110,000**	**110**	**2,400**	**1,100**	**3,800**	**-**	**1,800**

Notes:
ND - denotes result not detected above method detection limit
Analytes shown only if a detection was noted in the sample data set
J - flag denotes result below detection limit
a - denotes carcinogenic or noncarcinogenic screening level (whichever is lower) derived from EPA Region 9 *"Regional Screening Level (RSL) Resident Soil Table (TR=1E-06, HQ=1),"* dated November 2018.

Table 3 - Summary of Organochlorine Pesticide Detections in Soil
Ascot Elementary School
1447 East 45th Street
Los Angeles, California

SAMPLE	DEPTH	SAMPLE DATE	Organochlorine Pesticides by EPA Method 8081 (µg/kg)																			
			4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin	alpha-BHC	beta-BHC	Chlordane (technical)	delta-BHC	Dieldrin	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-BHC (Lindane)	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
SB01,02,03,04 0 to 0.5 Composite	0.5	12/20/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB05,SB06,SB07 0 to 0.5 Composite	0.5	12/20/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB09,10,11,12d0.5 (Composite)	0.5	12/26/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB13,14,15d0.5 (Composite)	0.5	12/26/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB17,18,19,24 0 to 0.5 composite	0.5	12/21/18	ND	1.6	3.5	ND	ND	ND	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB20,21,22,23 0 to 0.5 Composite	0.5	12/20/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB25.26,27A,27B 0 to 0.5 Composite	0.5	12/21/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB28,29,30 0 to 0.5 Composite	0.5	12/21/18	ND	ND	ND	ND	ND	ND	12	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB31,32,33,34 0 to 0.5 Composite	0.5	12/20/18	ND	2.7	10	ND	ND	ND	13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB35,36, & 38d0.5 (Composite)	0.5	12/18/18	ND	20	23	ND	ND	ND	26	ND	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB39,40,41, & 42d0.5 (Composite)	0.5	12/19/18	ND	7.7	12	ND	ND	ND	12	ND	2.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB43,44,45, & 46d0.5 (Composite)	0.5	12/18/18	ND	14	17	ND	ND	ND	18	ND	3.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB46,47,48 0 to 0.5 Composite	0.5	12/20/18	ND	2.9	2.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB49,50,51,52 0 to 0.5 Composite	0.5	12/20/18	ND	4.7	8.4	ND	ND	ND	44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB53,54,55 0 to 0.5 Composite	0.5	12/20/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB56,57,58, & 59d0.5 (Composite)	0.5	12/18/18	ND	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB60,61,62, & 63d0.5 (Composite)	0.5	12/18/18	ND	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB64,65,66, & 67d0.5 (Composite)	0.5	12/18/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SB68,69,70,71d0.5 (Composite)	0.5	12/18/18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
SCREENING LEVELS[a]			**575**	**400**	**400**	**-**	**-**	**-**	**105**	**-**	**5**	**-**	**-**	**-**	**-**	**-**	**-**	**125**	**20**	**-**	**-**	**-**

ND - denotes result not detected above method detection limit
a - denotes the most conservative screening level based on a 1:4 Composite Ratio derived from *California Human Health Screening Levels for soil for residential land use*, Cal/EPA 2005.

APPENDIX C

Air Quality and Greenhouse Gas Emissions Background and Modeling Data

APPENDIX C
Air Quality and Greenhouse Gas Emissions Background and Modeling Data

Appendix C provides supporting information to the Air Quality and Greenhouse Gas (GHG) Emissions sections of the Initial Study and contains the following: definitions, air quality regulatory setting, meteorological conditions, existing ambient air quality in the project vicinity, and the CalEEMod air quality modeling analysis.

C.1 DEFINITIONS

Concentrations: The amount of pollutant material per volumetric unit of air, measured in parts per million (ppm) or micrograms per cubic meter ($\mu g/m^3$). The definitions below identify the pollutants included in this analysis.

Criteria Pollutants: Health-based air quality standards have been established by California and the federal government for the following criteria pollutants: carbon monoxide (CO), ozone (O_3), nitrogen dioxide (NO_2), sulfur dioxide (SO_2), particulate matter 2.5 microns or less in diameter ($PM_{2.5}$), particulate matter 10 microns or less in diameter (PM_{10}), and lead (Pb). California also includes standards for hydrogen sulfide, vinyl chloride, sulfates, and visibility. The pollutants are described below, with a summary of the health effects for each criteria pollutant.

Carbon Monoxide (CO): CO is a colorless, odorless, relatively inert gas. It is a trace constituent in the unpolluted troposphere and is produced by both natural processes and human activities. In remote areas far from human habitation, carbon monoxide occurs in the atmosphere at an average background concentration of 0.04 parts per million (ppm), primarily as a result of natural processes such as forest fires and the oxidation of methane. Global atmospheric mixing of CO from urban and industrial sources creates higher background concentrations (up to 0.20 ppm) near urban areas. The major source of CO in urban areas is incomplete combustion of carbon containing fuels, mainly gasoline. CO concentrations are generally highest in the vicinity of major concentrations of vehicular traffic. CO is a primary pollutant, meaning that it is directly emitted into the air, not formed in the atmosphere by chemical reaction of precursors, as is the case with ozone and other secondary pollutants. Ambient concentrations of CO exhibit large spatial and temporal variations due to variations in the rate at which CO is emitted and in the meteorological conditions that govern transport and dilution. Unlike ozone, CO tends to reach high concentrations in the fall and winter months. The highest concentrations frequently occur on weekdays at times consistent with rush hour traffic and late night during the coolest, most stable portion of the day.

Individuals with a deficient blood supply to the heart are the most susceptible to the adverse effects of CO exposure. The effects observed include earlier onset of chest pain with exercise, and electrocardiograph changes indicative of worsening oxygen supply to the heart. Inhaled CO has no direct toxic effect on the lungs but exerts its effect on tissues by interfering with oxygen transport by competing with oxygen to combine with hemoglobin present in the blood to form carboxyhemoglobin (COHb). Hence, conditions with an increased demand for oxygen supply can be adversely affected by exposure to CO. Individuals most at risk include patients with diseases involving heart and blood vessels, fetuses (unborn babies), and patients with chronic hypoxemia (oxygen deficiency) as seen in high altitudes. Reductions in birth weight and impaired neurobehavioral development have been observed in animals chronically exposed to CO, resulting in COHb levels similar to those observed in smokers. Recent studies have found increased risks for

adverse birth outcomes with exposure to elevated CO levels. These include preterm births and heart abnormalities.

Ozone (O_3): Ozone, a colorless gas with a sharp odor, is a highly reactive form of oxygen. High ozone concentrations exist naturally in the stratosphere. Some mixing of stratospheric ozone downward through the troposphere to the earth's surface does occur; however, the extent of ozone transport is limited. At the earth's surface in sites remote from urban areas, ozone concentrations are normally very low (e.g., from 0.03 ppm to 0.05 ppm).

While ozone is beneficial in the stratosphere because it filters out skin-cancer-causing ultraviolet radiation, it is a highly reactive oxidant. It is this reactivity that accounts for its damaging effects on materials, plants, and human health at the earth's surface. The propensity of ozone for reacting with organic materials causes it to be damaging to living cells. Ozone enters the human body primarily through the respiratory tract and causes respiratory irritation and discomfort, makes breathing more difficult during exercise, and reduces the respiratory system's ability to remove inhaled particles and fight infection. Individuals exercising outdoors, children, and people with preexisting lung disease, such as asthma and chronic pulmonary lung disease, are considered to be the most susceptible subgroups for ozone effects. Short-term exposures (lasting for a few hours) to ozone at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes. In recent years, a correlation between elevated ambient ozone levels and increases in daily hospital admission rates, as well as mortality, has also been reported. An increased risk for asthma has been found in children who participate in multiple sports and live in high-ozone communities. Elevated ozone levels are also associated with increased school absences. Ozone exposure under exercising conditions is known to increase the severity of the abovementioned observed responses. Animal studies suggest that exposures to a combination of pollutants that includes ozone may be more toxic than exposure to ozone alone. Although lung volume and resistance changes observed after a single exposure diminish with repeated exposures, biochemical and cellular changes appear to persist, which can lead to subsequent lung structural changes.

Nitrogen Dioxide and Nitric Oxide (NO_x): **NO_2** is a reddish-brown gas with a bleach-like odor. Nitric oxide (NO) is a colorless gas, formed from the nitrogen and oxygen in air under conditions of high temperature and pressure which are generally present during combustion of fuels; NO reacts rapidly with the oxygen in air to form NO_2. NO_2 is responsible for the brownish tinge of polluted air. The two gases, NO and NO_2, are referred to collectively as NO_x. In the presence of sunlight, NO_2 reacts to form nitric oxide and an oxygen atom. The oxygen atom can react further to form ozone, via a complex series of chemical reactions involving hydrocarbons. Nitrogen dioxide may also react to form nitric acid (HNO_3), which reacts further to form nitrates, components of $PM_{2.5}$ and PM_{10}.

Population-based studies suggest that an increase in acute respiratory illness, including infections and respiratory symptoms in children (not infants), is associated with long-term exposures to NO_2 at levels found in homes with gas stoves, which are higher than ambient levels found in Southern California. Increase in resistance to air flow and airway contraction is observed after short-term exposure to NO_2 in healthy subjects. Larger decreases in lung functions are observed in individuals with asthma and/or chronic obstructive pulmonary disease (e.g., chronic bronchitis, emphysema) than in healthy individuals, indicating a greater susceptibility of these subgroups. More recent studies have found associations between NO_2 exposures and cardiopulmonary mortality, decreased lung function, respiratory symptoms, and emergency room asthma visits. In animals, exposure to levels of NO_2 considerably higher than ambient concentrations result in increased susceptibility to infections, possibly due to the observed changes in cells involved in maintaining immune functions.

The severity of lung tissue damage associated with high levels of ozone exposure increases when animals are exposed to a combination of ozone and NO_2.

Sulfur Dioxide: A key criteria pollutant, SO_2 (sulfur dioxide), is a type of sulfate. SO_2 is a colorless gas with a sharp odor. It reacts in the air to form sulfuric acid (H_2SO_4), which contributes to acid precipitation, and sulfates, which are components of PM_{10} and $PM_{2.5}$. Most of the SO_2 emitted into the atmosphere is produced by burning sulfur containing fuels.

Exposure of a few minutes to low levels of SO_2 can result in airway constriction in some asthmatics. All asthmatics are sensitive to the effects of SO_2. In asthmatics, increase in resistance to air flow, as well as reduction in breathing capacity leading to severe breathing difficulties, is observed after acute higher exposure to SO_2. In contrast, healthy individuals do not exhibit similar acute responses even after exposure to higher concentrations of SO_2. Animal studies suggest that despite SO_2 being a respiratory irritant, it does not cause substantial lung injury at ambient concentrations. However, very high levels of exposure can cause lung edema (fluid accumulation), lung tissue damage, and sloughing off of cells lining the respiratory tract. Some population-based studies indicate that the mortality and morbidity effects associated with fine particles show a similar association with ambient SO_2 levels. In these studies, efforts to separate the effects of SO_2 from those of fine particles have not been successful. It is not clear whether the two pollutants act synergistically or one pollutant alone is the predominant factor.

Particulate Matter: Of great concern to public health are the particles small enough to be inhaled into the deepest parts of the lung. Respirable particles (particulate matter less than about 10 micrometers in diameter [PM_{10}]) consists of suspended particles or droplets 10 micrometers or smaller in diameter. Some sources of PM_{10}, like pollen and windstorms, are naturally occurring. However, in populated areas, most PM_{10} is caused by road dust, diesel soot, combustion products, abrasion of tires and brakes, and construction activities. Sources of fine particulate matter (particulate matter less than about 2.5 micrometers in diameter [$PM_{2.5}$]) include fuel combustion from automobiles, power plants, wood burning, industrial processes, and diesel-powered vehicles such as buses and trucks. These fine particles are also formed in the atmosphere when gases such as sulfur dioxide, NO_X, and ROGs are transformed in the air by chemical reactions.

$PM_{2.5}$ and PM_{10} pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. $PM_{2.5}$ and PM_{10} can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Children, the elderly, exercising adults, and those suffering from asthma are especially vulnerable to adverse health effects of PM_{10} and $PM_{2.5}$. A consistent correlation between elevated ambient fine particulate matter (PM_{10} and $PM_{2.5}$) levels and an increase in mortality rates, respiratory infections, number and severity of asthma attacks, and the number of hospital admissions has been observed in different parts of the United States and various areas around the world. Studies have reported an association between long-term exposure to air pollution dominated by fine particles ($PM_{2.5}$) and increased mortality, reduction in lifespan, and an increased mortality from lung cancer. Daily fluctuations in fine particulate matter concentration levels have also been related to hospital admissions for acute respiratory conditions, to school and kindergarten absences, to a decrease in respiratory function in normal children and to increased medication use in children and adults with asthma. Studies have also shown lung function growth in children is reduced with long-term exposure to particulate matter. In addition to children, the elderly, and people with preexisting respiratory and/or cardiovascular disease appear to be more susceptible to the effects of PM_{10} and $PM_{2.5}$.

Lead (Pb): Lead in the atmosphere is present as a mixture of a number of lead compounds. Leaded gasoline and lead smelters have been the main sources of lead emitted into the air. Due to the phasing out of leaded gasoline, there was a dramatic reduction in atmospheric lead in Southern California over the past three decades.

Fetuses, infants, and children are more sensitive than others to the adverse effects of lead exposure. Exposure to low levels of lead can adversely affect the development and function of the central nervous system, leading to learning disorders, distractibility, inability to follow simple commands, and lower intelligence quotient. In adults, increased lead levels are associated with increased blood pressure. Lead poisoning can cause anemia, lethargy, seizures, and death. It appears that there are no direct effects of lead on the respiratory system. Lead can be stored in the bone from early age environmental exposure, and elevated blood lead levels can occur due to breakdown of bone tissue during pregnancy, hyperthyroidism (increased secretion of hormones from the thyroid gland), and osteoporosis (breakdown of bone tissue). Fetuses and breast-fed babies can be exposed to higher levels of lead because of previous environmental lead exposure of their mothers.

Hydrogen Sulfide: Hydrogen sulfide is a flammable, colorless gas that smells like rotten eggs. People usually can smell hydrogen sulfide at low concentrations in air ranging from 0.0005 to 0.3 ppm. Hydrogen sulfide occurs naturally in crude petroleum, natural gas, volcanic gases, and hot springs. It can also result from bacterial breakdown of organic matter. Bacteria found in your mouth and digestive tract produce hydrogen sulfide during the digestion of food containing vegetable or animal proteins. Industrial sources of hydrogen sulfide include petroleum refineries, natural gas plants, petrochemical plants, coke oven plants, food processing plants, and tanneries.

Studies in humans suggest that the respiratory tract and nervous system are the most sensitive targets of hydrogen sulfide toxicity. Exposure to low concentrations of hydrogen sulfide may cause irritation to the eyes, nose, or throat. It may also cause difficulty in breathing for some asthmatics. Respiratory distress or arrest has been observed in people exposed to very high concentrations of hydrogen sulfide. Exposure to low concentrations of hydrogen sulfide may cause headaches, poor memory, tiredness, and balance problems. Brief exposures to high concentrations of hydrogen sulfide can cause loss of consciousness. In most cases, the person appears to regain consciousness without any other effects. However, in some individuals, there may be permanent or long-term effects such as headaches, poor attention span, poor memory, and poor motor function.

Vinyl Chloride: Vinyl chloride is a colorless, flammable gas at ambient temperature and pressure. At room temperature, vinyl chloride is a gas with a sickly-sweet odor that is easily condensed. However, it is stored as a liquid. Due to the hazardous nature of vinyl chloride to human health there are no end products that use vinyl chloride in its monomer form. Vinyl chloride is a chemical intermediate, not a final product. It is an important industrial chemical chiefly used to produce polymer polyvinyl chloride (PVC). The process involves vinyl chloride liquid fed to polymerization reactors where it is converted from a monomer to a polymer PVC. The final product of the polymerization process is PVC in either a flake or pellet form. Billions of pounds of PVC are sold on the global market each year. From its flake or pellet form, PVC is sold to companies that heat and mold the PVC into end products such as PVC pipe and bottles.

Vinyl chloride is highly toxic and is classified by the American Conference of Governmental Industrial Hygienists (ACGIH) as A1 (confirmed carcinogen in humans) and by the International Agency for Research on Cancer (IARC) as 1 (known to be a human carcinogen).

Sulfates: Sulfates (SO_x) are chemical compounds which contain the sulfate ion and are part of the mixture of solid materials which make up PM_{10}. Most of the sulfates in the atmosphere are produced by oxidation of SO_2. Oxidation of sulfur dioxide yields sulfur trioxide (SO_3) which reacts with water to form sulfuric acid, which contributes to acid deposition. The reaction of sulfuric acid with basic substances such as ammonia yields sulfates, a component of PM_{10} and $PM_{2.5}$.

Most of the health effects associated with fine particles and SO_2 at ambient levels are also associated with SO_x. Thus, both mortality and morbidity effects have been observed with an increase in ambient SO_x concentrations. However, efforts to separate the effects of SO_x from the effects of other pollutants have generally not been successful. Clinical studies of asthmatics exposed to sulfuric acid suggest that adolescent asthmatics are possibly a subgroup susceptible to acid aerosol exposure. Animal studies suggest that acidic particles such as sulfuric acid aerosol and ammonium bisulfate are more toxic than nonacidic particles like ammonium sulfate. Whether the effects are attributable to acidity or to particles remains unresolved.

Visibility*:* With the exception of Lake County, which is designated in attainment, all of the air districts in California are currently designated as unclassified with respect to the California Ambient Air Quality Standards (CAAQS) for visibility reducing particles. (A pollutant is designated unclassified if the data are incomplete and do not support a designation of attainment or nonattainment.)

Since deterioration of visibility is one of the most obvious manifestations of air pollution and plays a major role in the public's perception of air quality, the state of California has adopted a standard for visibility or visual range. Until 1989, the standard was based on visibility estimates made by human observers. The standard was changed to require measurement of visual range using instruments that measure light scattering and absorption by suspended particles. The visibility standard is based on the distance that atmospheric conditions allow a person to see at a given time and location. Visibility reduction from air pollution is often due to the presence of sulfur and nitrogen oxides, as well as particulate matter. Visibility degradation occurs when visibility reducing particles are produced in sufficient amounts such that the extinction coefficient is greater than 0.23 inverse kilometers (to reduce the visual range to less than 10 miles) at relative humidity less than 70 percent, 8-hour average (from 10:00 a.m. to 6:00 p.m.) according to the state standard.

Volatile Organic Compounds (VOCs)*:* Reactive organic gases (ROGs) are referred to as reactive organic compounds (ROCs) or VOCs. ROGs are compounds composed primarily of hydrogen and carbon atoms. Internal combustion associated with motor vehicle usage is the major source of hydrocarbons. Adverse effects on human health are not caused directly by ROGs, but rather by reactions of ROGs to form secondary air pollutants, including ozone. ROGs themselves are not criteria pollutants; however, they contribute to formation of ozone. It should be noted that there are no state or national ambient air quality standards for VOCs because they are not classified as criteria pollutants. VOCs are regulated, however, because limiting VOC emissions reduces the rate of photochemical reactions that contribute to the formation of ozone. VOCs are also transformed into organic aerosols in the atmosphere, contributing to higher PM_{10} and lower visibility levels.

Although health-based standards have not been established for VOCs, health effects can occur from exposures to high concentrations of VOCs because of interference with oxygen uptake. In general, ambient VOC concentrations in the atmosphere are suspected to cause coughing, sneezing, headaches, weakness, laryngitis, and bronchitis, even at low concentrations. Some hydrocarbon components classified as VOC emissions are thought or known to be hazardous. Benzene, for example, one hydrocarbon component of VOC emissions, is known to be a human carcinogen.

Emissions: The quantity of pollutants released into the air, measured in pounds per day (ppd) or tons per day (tpd).

Toxic Air Contaminants (TACs): TACs, also referred to as hazardous air pollutants (HAPs), are generally defined as those contaminants that are known or suspected to cause serious health problems, but do not have a corresponding ambient air quality standard. TACs are also defined as an air pollutant that may increase a person's risk of developing cancer and/or other serious health effects; however, the emission of a toxic chemical does not automatically create a health hazard. Other factors, such as the amount of the chemical, its toxicity, how it is released into the air, the weather, and the terrain, all influence whether the emission could be hazardous to human health. Toxic air contaminants can result from manufacturing industries, automobile repair facilities, and diesel particulate emissions associated with heavy-duty equipment operations. TACs are emitted by a variety of industrial processes such as petroleum refining, electric utility and chrome plating operations, commercial operations such as gasoline stations and dry cleaners, and motor vehicle exhaust and may exist as PM_{10} and $PM_{2.5}$ or as vapors (gases). TACs include metals, other particles, gases absorbed by particles, and certain vapors from fuels and other sources.

TACs increase the likelihood of health problems and can cause ecological impacts. The resultant health effects depend on the pollutant, exposure level, site conditions, and characteristics of the populations affected. Human exposure to these pollutants at sufficient concentrations and durations can result in cancer, poisoning, and rapid onset of sickness, such as nausea or difficulty in breathing. Other less measurable effects include immunological, neurological, reproductive, developmental, and respiratory problems. Pollutants deposited onto soil or into lakes and streams affect ecological systems and eventually human health through consumption of contaminated food. The carcinogenic potential of TACs is a particular public health concern because many scientists currently believe that there is no "safe" level of exposure to carcinogens. Any exposure to a carcinogen poses some risk of contracting cancer.

Controlling air toxic emissions became a national priority with the passage of the Clean Air Act Amendments (CAAA) of 1990, whereby Congress mandated that the U.S. Environmental Protection Agency (EPA) regulate 188 air toxics, also known as hazardous air pollutants. The EPA has assessed this expansive list in their rule in 2007 on the Control of Hazardous Air Pollutants from Mobile Sources,[1] and identified a group of 93 compounds emitted from mobile sources that are listed in their Integrated Risk Information System (IRIS) (http://www.epa.gov/iris/). In addition, EPA identified seven compounds with significant contributions from mobile sources that are among the national and regional-scale cancer risk drivers from their 1999 National Air Toxics Assessment (NATA) (http://www.epa.gov/ttn/atw/nata1999/). These are acrolein, benzene, 1,3-butidiene, diesel particulate matter plus diesel exhaust organic gases (diesel PM), formaldehyde, naphthalene, and polycyclic organic matter. [2]

Air Dispersion*:* Air dispersion is defined as how air pollutants travel through ambient air. Toxic Air Contaminants/Mobile Source Air Toxics (TACs/MSATs) impact those located closest to the emission sources more than those located further away. A California law passed in 2003 (Public Resources Code Section 21151.8) prohibits the siting of a school within 500 feet of a freeway unless "the school district determines, through analysis based on appropriate air dispersion modeling, that the air quality

[1] *Federal Register*. 26 February 2007. 72(37): 8430.

[2] Federal Highway Administration. Accessed 2 February 2019. *Memorandum. Information: Interim Guidance on Mobile Source Air Toxic Analysis in NEPA*. Available at: https://www.fhwa.dot.gov/environment/air_quality/air_toxics/policy_and_guidance/msat/index.cfm

at the proposed site is such that neither short-term nor long-term exposure poses significant health risks to pupils." The U.S. EPA has issued a number of regulations that will dramatically decrease MSATs through cleaner fuels and cleaner engines.

Diesel Particulate Matter (DPM)*:* According to the California Air Resources Board (CARB), most toxic air emissions are from motor vehicles and the particulate matter from the exhaust of diesel-fueled engines.[3] In 1998, the OEHHA completed a comprehensive health assessment of diesel exhaust. This assessment formed the basis for a decision by the CARB to formally identify particles in diesel exhaust as a TAC that may pose a threat to human health.[4]

Diesel particulate matter is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is commonly found throughout the environment and is estimated by EPA's National Scale Assessment to contribute to the human health risk in New England. Diesel exhaust is composed of two phases, either gas or particle, and both phases contribute to the risk. The gas phase is composed of many of the urban hazardous air pollutants, such as acetaldehyde, acrolein, benzene, 1,3-butadiene, formaldehyde, and polycyclic aromatic hydrocarbons. The particle phase also has many different types of particles that can be classified by size or composition. The size of diesel particulates that are of greatest health concern are those that are in the categories of fine, and ultra-fine particles. The composition of these fine and ultrafine particles may be composed of elemental carbon with absorbed compounds such as organic compounds, sulfate, nitrate, metals, and other trace elements. Diesel exhaust is emitted from a broad range of diesel engines: the on-road diesel engines of trucks, buses, and cars and the off-road diesel engines that include locomotives, marine vessels, and heavy-duty equipment. People living and working in urban and industrial areas are more likely to be exposed to this pollutant. Those spending time on or near roads and freeways, truck loading and unloading operations, operating diesel-powered machinery, or working near diesel equipment face exposure to higher levels of diesel exhaust and face higher health risks.

C.2 REGULATORY FRAMEWORK

Federal

Federal Clean Air Act

Congress passed the first major Clean Air Act (CAA) in 1970 (42 U.S. Code [USC] Sections 7401 et seq.). This Act gives the EPA broad responsibility for regulating emissions from many sources of air pollution from mobile to stationary sources. Pursuant to the CAA, the EPA is authorized to regulate air emissions from mobile sources like heavy-duty trucks, agricultural and construction equipment, locomotives, lawn and garden equipment, and marine engines; and stationary sources such as power plants, industrial plants, and other facilities. The CAA sets National Ambient Air Quality Standards (NAAQS) for the six most common air pollutants to protect public health and public welfare. These pollutants include particulate matter, ozone, carbon monoxide, sulfur oxides, nitrogen oxides, and lead.

For each pollutant, the EPA designates an area as attainment for meeting the standard or nonattainment for not meeting the standard. A maintenance designation entails an area that was

[3] California Air Resources Board. Accessed 14 February 2019. *Reducing Toxic Air Pollutants in California's Communities*. Available at: http://www.arb.ca.gov/toxics/brochure.pdf

[4] Office of Environmental Health Hazard Assessment. Accessed 14 February 2019. *Health Effects of Diesel Exhaust*. Available at: http://oehha.ca.gov/public_info/facts/dieselfacts.html

previously designated as nonattainment but is currently designated as attainment. The CAA directs states to develop state implementation plans (SIPs) in order to achieve these standards.

National Ambient Air Quality Standards

The federal CAA required the EPA to establish NAAQS. The NAAQS set primary standards and secondary standards for specific air pollutants (Table C.2-1, *National Ambient Air Quality Standards*). Primary standards define limits for the intention of protecting public health, which include sensitive populations such as asthmatics, children, and the elderly. Secondary Standards define limits to protect public welfare to include protection against decreased visibility, damage to animals, crops, vegetation, and buildings.

TABLE C.2-1
NATIONAL AMBIENT AIR QUALITY STANDARDS

Pollutant		Primary/Secondary	Averaging Time	Level
Carbon monoxide		Primary	8 hours	9 ppm
			1 hour	35 ppm
Lead		Primary and secondary	Rolling 3-month average	0.15 $\mu g/m^3$
Nitrogen dioxide		Primary	1 hour	100 ppb
		Primary and secondary	Annual	53 ppb
Ozone		Primary and secondary	8 hours	0.070 ppm
Particulate matter	$PM_{2.5}$	Primary	Annual	12 $\mu g/m^3$
		Secondary	Annual	15 $\mu g/m^3$
		Primary and secondary	24 hours	35 $\mu g/m^3$
	PM_{10}	Primary and secondary	24 hours	150 $\mu g/m^3$
Sulfur dioxide		Primary	1 hour	75 ppb
		Secondary	3 hours	0.5 ppm

KEY: ppm = parts per million by volume; $\mu g/m^3$ = micrograms per cubic meter; ppb = parts per billion by volume.
SOURCE: California Air Resources Board. 4 May 2016. *Ambient Air Quality Standards*. Available at: http://www.arb.ca.gov/research/aaqs/aaqs2.pdf

State Implementation Plan / Air Quality Management Plans

A State Implementation Plan (SIP) is required by the EPA to ensure compliance with the NAAQS. States must develop a general plan to maintain air quality in areas of attainment and a specific plan to improve air quality for areas of nonattainment. SIPs are a compilation of new and previously submitted plans, programs (such as monitoring, modeling, permitting, etc.), district rules, state regulations, and federal controls. The SIP verifies that the state has a proper air quality management program that adheres to or strives to reach the most up to date emissions requirements. The 1990 amendments to the federal CAA set deadlines for attainment based on the severity of an area's air pollution problem. In adherence to CAA Section 172, states must adopt additional regulatory programs for nonattainment areas. Particularly in California, the SIP not only complies with NAAQS, but also the more stringent CAAQS.

Air Quality Management Plans (AQMPs), developed by the air districts, are required to ensure compliance with the state and federal requirements. AQMPs contain scientific information and use analytical tools to demonstrate a pathway towards achieving attainment for the criteria air pollutants. The approval process begins when the regional air districts submit their AQMPs to the CARB. CARB is the lead agency and responsible agency for submitting the SIP to the EPA. CARB forwards SIP

revisions to the EPA for approval and publication in the *Federal Register*. The CFR Title 40, Chapter I, Part 52, Subpart F, Section 52.220, lists all the items included in the California SIP.

State

California Clean Air Act of 1988

The California CAA of 1988 (Chapter 1568, Statutes of 1988) requires all air pollution control districts in the state to aim to achieve and maintain state ambient air quality standards for ozone, carbon monoxide, and nitrogen dioxide by the earliest practicable date and to develop plans and regulations specifying how the districts will meet this goal. There are no planning requirements for the state PM_{10} standard. The CARB, which became part of the California Environmental Protection Agency (Cal/EPA) in 1991, is responsible for meeting state requirements of the federal CAA, administrating the California CAA, and establishing the CAAQS. The California CAA, amended in 1992, requires all AQMDs in the state to achieve and maintain the CAAQS. The CAAQS are generally stricter than national standards for the same pollutants, but there is no penalty for nonattainment. California has also established state standards for sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing particles, for which there are no national standards.

California Ambient Air Quality Standards

The federal CAA permits states to adopt additional or more protective air quality standards if needed. California has set standards for certain pollutants, such as particulate matter and ozone, which are more protective of public health than respective federal standards (Table C.2-2, *California Ambient Air Quality Standards*). California has also set standards for some pollutants that are not addressed by federal standards.

TABLE C.2-2
CALIFORNIA AMBIENT AIR QUALITY STANDARDS

Pollutant		Averaging Time	Level
Carbon monoxide		8 hours	9 ppm
		1 hour	20 ppm
Lead		30-day average	1.5 μg/m^3
Nitrogen dioxide		1 hour	0.18 ppm
		Annual	0.03 ppm
Ozone		8 hours	0.07 ppm
		1 hour	0.09 ppm
Particulate matter	$PM_{2.5}$	Annual	12 μg/m^3
	PM_{10}	24 hours	50 μg/m^3
		Annual	20 μg/m^3
Sulfur dioxide		1 hour	0.25 ppm
		24 hours	0.04 ppm
Sulfates		24 hours	25 μg/m^3
Hydrogen sulfide		1 hour	0.03 ppm
Vinyl chloride		24 hours	0.01 ppm
Visibility Reducing Particles		Extinction coefficient of 0.23 per kilometer – visibility of 10 miles or more due to particles when relative humidity is less than 70 percent	

KEY: ppm = parts per million by volume; $\mu g/m^3$ = micrograms per cubic meter; ppb = parts per billion by volume.
SOURCE: California Air Resources Board. 4 May 2016. *Ambient Air Quality Standards*. Available at: http://www.arb.ca.gov/research/aaqs/aaqs2.pdf

CARB Air Quality and Land Use Handbook

In April 2005, CARB published the Air Quality and Land Use Handbook as an informational and advisory guide for evaluating and reducing air pollution impacts associated with new projects that go through the land use decision-making process. Studies have shown that diesel exhaust and other cancer-causing chemicals emitted from cars and trucks are responsible for much of the overall cancer risk from airborne toxics in California. Reducing diesel particulate emissions is one of CARB's highest public health priorities and the focus of a comprehensive statewide control program that is reducing diesel PM emissions each year. This document highlights the potential health impacts associated with proximity to air pollution sources so planners explicitly consider this issue in planning processes.[5]

Regional

2016-2040 Southern California Association of Governments (SCAG) Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS)

The RTP/SCS is a long-range transportation plan that is developed and updated by SCAG every four years. The RTP provides a vision for transportation investments throughout the region. Using growth forecasts and economic trends that project out over a 24-year period, the RTP considers the role of transportation in the broader context of economic, environmental, and quality-of-life goals for the future, identifying regional transportation strategies to address our mobility needs. The 2016-2040 RTP/SCS includes a strong commitment to reduce emissions from transportation sources to comply with Senate Bill (SB) 375, improve public health, and meet the NAAQS as set forth by the federal CCAA.

SCAQMD AQMP

The 2016 AQMP was adopted by the SCAQMD Governing Board on March 3, 2017. The Plan is a regional and multiagency effort (SCAQMD, CARB, SCAG, and EPA). State and federal planning requirements include developing control strategies, attainment demonstrations, reasonable further progress, and maintenance plans. The 2016 AQMP incorporates the latest information and planning assumptions, including the latest growth assumptions, transportation control measures and strategies, and updated emission inventory methodologies for various source categories.[6]

The 2016 AQMP showcases integrated strategies and measures to meet the following NAAQS:

- 2008 8-hour Ozone (75 ppb) by 2031
- 2012 Annual $PM_{2.5}$ (12 $\mu g/m^3$) by 2021 (moderate) and 2025 (serious)
- 2006 24-hour $PM_{2.5}$ (35 $\mu g/m^3$) by 2019
- 1997 8-hour Ozone (80 ppb) by 2023

[5] California Air Resources Board. April 2005. *Air Quality and Land Use Handbook: A Community Health Perspective*. Available at: http://www.arb.ca.gov/ch/handbook.pdf

[6] South Coast Air Quality Management District. 2016. *Final 2016 AQMP*. Available at: http://www.aqmd.gov/home/air-quality/clean-air-plans/air-quality-mgt-plan

SCAQMD Rule 401 – Visible Emissions

A person shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour, which is as dark or darker in shade as that designated No. 1 on the Ringelmann Chart.

SCAQMD Rule 402 – Nuisance

A person shall not discharge from any source whatsoever such quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public, or that endanger the comfort, repose, health, or safety of any such persons or the public, or which cause, or have a natural tendency to cause, injury or damage to business or property.

SCAQMD Air Quality Significance Thresholds

The potential air quality impacts occurring during the construction and operation of the proposed project should be evaluated using the CEQA Guidelines and the quantitative thresholds of significance established by the SCAQMD (Table C.2-3, *SCAQMD Air Quality Significance Thresholds*).

TABLE C.2-3
SCAQMD AIR QUALITY SIGNIFICANCE THRESHOLDS

Mass Daily Thresholds		
Pollutant	**Construction[a]**	**Operation[b]**
NOx	100 lbs/day	55 lbs/day
VOC	75 lbs/day	55 lbs/day
PM_{10}	150 lbs/day	150 lbs/day
$PM_{2.5}$	55 lbs/day	55 lbs/day
SOx	150 lbs/day	150 lbs/day
CO	550 lbs/day	550 lbs/day
Lead	3 lbs/day	3 lbs/day
Toxic Air Contaminants (TACs), Odor, and GHG Thresholds		
TACs (including carcinogens and noncarcinogens)	Maximum Incremental Cancer Risk ≥ 10 in 1 million Cancer Burden > 0.5 excess cancer cases (in areas ≥ 1 in 1 million) Chronic & Acute Hazard Index ≥ 1.0 (project increment)	
Odor	Project creates an odor nuisance pursuant to SCAQMD Rule 402	
GHG	10,000 MT/yr CO_2eq for industrial facilities	
Ambient Air Quality Standards for Criteria Pollutants[c]		
NO_2 1-hour average Annual arithmetic mean	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 0.18 ppm (state) 0.03 ppm (state) and 0.0534 ppm (federal)	
PM_{10} 24-hour average Annual average	 10.4 $\mu g/m^3$ (construction)[d] & 2.5 $\mu g/m^3$ (operation) 1.0 $\mu g/m^3$	
$PM_{2.5}$ 24-hour average	 10.4 $\mu g/m^3$ (construction)[d] & 2.5 $\mu g/m^3$ (operation)	
SO_2 1-hour average 24-hour average	 0.25 ppm (state) & 0.075 ppm (federal – 99th percentile) 0.04 ppm (state)	

TABLE C.2-3
SCAQMD AIR QUALITY SIGNIFICANCE THRESHOLDS

Mass Daily Thresholds		
Pollutant	**Construction[a]**	**Operation[b]**
Sulfate 24-hour average	25 $\mu g/m^3$ (state)	
CO 1-hour average 8-hour average	SCAQMD is in attainment; project is significant if it causes or contributes to an exceedance of the following attainment standards: 20 ppm (state) and 35 ppm (federal) 9.0 ppm (state/federal)	
Lead 30-day average Rolling 3-month average	 1.5 $\mu g/m^3$ (state) 0.15 $\mu g/m^3$ (federal)	

KEY: lbs/day = pounds per day; ppm = parts per million; $\mu g/m^3$ = micrograms per cubic meter; MT/year CO_2eq = metric tons per year of CO_2 equivalents.
NOTE: [a] Construction thresholds apply to both the South Coast Air Basin and Coachella Valley (Salton Sea and Mojave Desert Air Basins).
[b] For Coachella Valley, the mass daily thresholds for operation are the same as the construction thresholds.
[c] Ambient air quality thresholds for criteria pollutants based on SCAQMD Rule 1303, Table A-2 unless otherwise stated.
[d] Ambient air quality threshold based on SCAQMD Rule 403.
SOURCE: South Coast Air Quality Management District. April 1993. *CEQA Air Quality Handbook*. Available at: http://www.aqmd.gov/home/rules-compliance/ceqa/air-quality-analysis-handbook

Local

City of Los Angeles General Plan

The City's General Plan Air Quality Element[7] includes City-wide goals, objectives, and policies related to air quality resources. A number of these goals, objectives, and policies are relevant to the proposed Project and are related to traffic mobility, minimizing particulate emissions from construction activities, discouraging single-occupancy vehicle trips, managing traffic congestion during peak hours, and increasing energy efficiency in City facilities and private developments.

The City of Los Angeles is also responsible for the implementation of transportation control measures as outlined in the AQMP. Through capital improvement programs, local governments can fund infrastructure that contributes to improved air quality by requiring such improvements as bus turnouts as appropriate, installation of energy-efficient streetlights, and synchronization of traffic signals. In accordance with CEQA requirements and the CEQA review process, the City assesses the air quality impacts of new development projects, requires mitigation of potentially significant air quality impacts by conditioning discretionary permits and monitors and enforces implementation of such mitigation measures. The City of Los Angeles has incorporated the California Green Building (CALGreen) Standards Code, with amendments in its 2017 Los Angeles Green Building Code. The City's ordinance requires applicable Projects to comply with specified provisions to reduce energy consumption.

City of Los Angeles Sustainable City Plan

In April 2015, the City of Los Angeles introduced the Los Angeles Sustainable City pLAn[8] to serve as

[7] City of Los Angeles Department of City Planning. Adopted November 24, 1992. City of Los Angeles General Plan, Air Quality Element. Available at: https://planning.lacity.org/cwd/gnlpln/aqltyelt.pdf
[8] City of Los Angeles. 2015. *City of Los Angeles Plan. Transforming Los Angeles*. Available: http://plan.lamayor.org/

a "roadmap for a Los Angeles that is environmentally healthy, economically prosperous, and equitable in opportunity for all- now and over the next 20 years." The Sustainable City pLAn includes a vision for the future of L.A., a concrete pathway to achieve desired outcomes, framework for policy development, a system of sustainability metrics, and a means to engage residents. Of the 14 topic areas discussed to transform L.A., the most applicable to energy are local solar power, energy-efficient buildings, carbon and climate leadership, and mobility and transit. Established goals for each of the applicable topic areas are as follows:

- Local Solar Power: Within the local solar power topic area three main goals were identified including an increased in total cumulative megawatts of local solar photovoltaic power from between 900 and 1500 megawatts in 2025 to 1500-1800 megawatts in 2035 and increase in cumulative total MW energy storage capacity to at least 1654 megawatts by 2025, and lastly the installation of at least 1 megawatt of solar on the LA convention center rooftop.
- Energy-efficient buildings: Buildings are one of the largest consumers of electricity and one of the major sources of greenhouse-gas emissions thus retrofitting buildings is pivotal in the effort to reduce the City of LA's carbon footprint. Two primary goals were established including 1) expanding the Better Buildings Challenge (BBC) to over 60 million square feet and avoiding 1,250 gigawatt-hours (GWh) of energy use due to efficiency programs in 2017 and 2) a 30 percent reduction in energy usage per square foot by 2035.
- Carbon and Climate Leadership: The devastating effects of climate change present a daunting challenge to all humanity, negatively affecting the health and welfare of Angelenos. As a result, the Sustainable City pLAn incorporated three carbon and climate leadership goals. These goals include a reduction of GHG emissions to below 1990 baseline standards. This includes a 45 percent reduction by 2025, a 60 percent reduction by 2035, and an 80 percent reduction by 2050. The second goal includes improving the GHG efficiency of Los Angeles' economy from 2010 levels by 55 percent. Lastly, the third goal includes divesting completely from coal-fired power plants by 2025.
- Mobility and Transit: Mobility and transportation are vital components of every Angelenos' residents' life whether they drive a car, walk, ride a bike, or take public transportation. The economic and environmental impacts of transit and mobility are vast and thus are discussed in the Sustainable City pLAn. The vision includes investing in rail, bus lines, and pedestrian/bike safety in an effort to reduce vehicle miles traveled. Two goals were established including building of 65 bike share stations with 1,000 bikes as well as reducing vehicle miles traveled per capita by 5 percent by 2025.
- The proposed Project would comply with the energy efficiency goals of the Sustainable City pLAn by reducing energy use on campus to meet the City's energy use reduction goals of energy use per square foot below 2013 baseline – for all building types – by at least 14% by 2025 and by at least 30% by 2035.

C.3 EXISTING CONDITIONS

The project study area is located in the South Coast Air Basin (SCAB). The SCAB incorporates approximately 12,000 square miles, consisting of Orange County and the urbanized areas of San Bernardino, Riverside, and Los Angeles Counties. The distinctive climate of the SCAB is determined by its terrain and geographic location. The SCAB is a coastal plain with connecting broad valleys and low hills, bounded by the Pacific Ocean to the southwest and high mountains around the perimeter.

The general region lies in the semi-permanent high-pressure zone of the eastern Pacific, resulting in a mild climate tempered by cool sea breezes with light average wind speeds. The usually mild climatological pattern is interrupted occasionally by periods of extremely hot weather, winter storms, or Santa Ana winds. The SCAB is classified as a dry-hot desert climate.

The vertical dispersion of air pollutants in the SCAB is hampered by the presence of persistent temperature inversions. High-pressure systems, such as the semi-permanent high-pressure zone in which the SCAB is located, are characterized by an upper layer of dry air that warms as it descends, restricting the mobility of cooler marine-influenced air near the ground surface, and resulting in the formation of subsidence inversions. Such inversions restrict the vertical dispersion of air pollutants released into the marine layer and, together with strong sunlight, can produce worst-case conditions for the formation of photochemical smog.

The atmospheric pollution potential of an area is largely dependent on winds, atmospheric stability, solar radiation, and terrain. The combination of low wind speeds and low inversions produces the greatest concentration of air pollutants. Typical winter time ground based inversion layers that frequently occur result in stagnant air with very little mixing and have the potential to trap pollution within the layers closest to the ground.

South westerly winds prevail for a significant portion of the year with an average wind speed of 2.4 meters per second, measured at the Downtown LA station[9]. Meteorological data from a weather station located in downtown Los Angeles (USC Campus)[10] has indicated that the average high of 83.1 degrees Fahrenheit (°F) occurs during the summer months and a low of 48.3°F occurs in the winter months. The average annual maximum temperature is 74.0°F, and the average annual minimum temperature is 55.8°F. Very little rainfall or no rainfall at all occurs during the summer months. Rainfall typically occurs from October through April, providing an average annual rainfall of 14.8 inches of rain.

Attainment Status

The SCAB exceeds federal standards for ozone, respirable particulate matter (PM_{10}) and fine particulate matter ($PM_{2.5}$), and lead. The 1977 CAA Amendment, Section 107, requires the EPA to publish a list of geographic areas and their compliance with the NAAQS. Areas not in NAAQS compliance are deemed non-attainment areas and can be categorized into four designations of increasing severity: (1) moderate, (2) serious, (3) severe, and (4) extreme. Designations are based on a pollutant-by-pollutant basis. The EPA has classified the project area as an extreme nonattainment area for ozone and a moderate nonattainment area for $PM_{2.5}$ (Table C.3-1, *Attainment Area Designations in Project Area*). Mobile sources, including cars, trucks, and off-road equipment, are the largest contributors to the formation of ozone, $PM_{2.5}$, diesel particulate matter, and greenhouse gas emissions in California. The CARB developed a suite of mobile source. The project area is in non-attainment status for the 8-hour ozone state and federal standard, PM10 state standard and PM2.5 state and federal standard.

[9] California Air Resources Board. Accessed 2 February 2019. Wind Rose for Reseda, CA. Available at: https://www.arb.ca.gov/toxics/harp/met/WindRoses.ppt

[10] Western Regional Climate Center. Accessed 2 February 2019. Downtown Los Angeles (USC Campus) climate data. Available at: https://wrcc.dri.edu/cgi-bin/cliMAIN.pl?ca5115

TABLE C.3-1
ATTAINMENT AREA DESIGNATIONS IN PROJECT AREA

Criteria Pollutant	California State Standards	Federal Standards
8-hr Ozone (O_3) (2008)	Non-attainment	Extreme non-attainment
1-hr Nitrogen dioxide (NO_2) (1971)	Attainment	Attainment/maintenance
1-hr Carbon monoxide (CO) (1971)	Attainment	Attainment/maintenance
Respirable particulate matter (PM_{10}) (1987)	Non-attainment	Attainment/maintenance
Fine particulate matter ($PM_{2.5}$) (2012)	Non-attainment	Moderate non-attainment
Sulfur dioxide (SO_2) (2010)	Attainment	Attainment
Lead (Pb) (2008)	Attainment	Non-attainment
Sulfates	Attainment	N/A
Hydrogen sulfide (HS)	Unclassified	N/A
Visibility reducing particles	Unclassified	N/A

SOURCE: U.S. Environmental Protection Agency. 1 February 2016. *U.S. EPA green book. Current nonattainment counties for all criteria pollutants*. Available at: https://www.epa.gov/green-book
California Air Resources Board. December 2015. *Area Designations Maps / State Ambient Air Quality Standards*. Available at: http://www.arb.ca.gov/desig/adm/adm.htm

The proposed measures target on-road light duty vehicles, on-road heavy duty vehicles, off-road federal and international sources, off-road equipment, and consumer products.[11] The California Ambient Air Quality Standards (CAAQS) are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations. California has set standards for certain pollutants, such as particulate matter and ozone, which are more protective of public health than respective federal standards. The CARB has also set standards for some pollutants that are not addressed by federal standards such as hydrogen sulfide, visibility reducing particles and vinyl chloride. The CAAQS are generally more stringent than the NAAQS.

Local Air Quality

The CARB-maintained air monitoring stations measure SCAB air pollutant levels. The monitoring station located closest to the project study area is the Los Angeles Monitoring Station, located at 1630 North Main Street, Los Angeles, CA 90012, which is approximately 4.6 miles north of the proposed project. The last three years of available data for this location include measurements for ozone, $PM_{2.5}$, PM_{10}, and NO_2 (Table C.3-2, *Summary of Ambient Air Quality at Upland Monitoring Station*). Table A.2-2 shows pollutant levels, state and federal standards, and the number of recorded exceedances at the Los Angeles Monitoring Station from 2015 to 2017. For ozone, the state standard was exceeded 25 to 49 times and the national standard was exceeded 1 to 3 times during this time period. Criteria pollutant, NO_2, did not exceed the NAAQS or CAAQS from 2013 to 2015. Criteria pollutant, PM_{10}, did not exceed the NAAQS during this time period.

[11] California Air Resources Board. 17 May 2016. *Proposed 2016 State Strategy for the State Implementation Plan*. Available at: https://www.arb.ca.gov/planning/sip/2016sip/2016statesip.pdf

TABLE C.3-2
SUMMARY OF AMBIENT AIR QUALITY AT LOS ANGELES MONITORING STATION

Pollutant	Year		
	2015	2016	2017
Ozone			
Maximum 1-hr Concentration (ppm)	0.104	0.103	0.116
Days exceeding California Ambient Air Quality Standards (CAAQS) 8 hour	6	4	16
Days exceeding National Ambient Air Quality Standards (NAAQS) 8 hour (0.07 ppm)	6	4	14
Maximum 8-hour concentration (0.07 ppm)	0.074	0.078	0.086
Days exceeding NAAQS 8 hour (0.07 ppm)	6	4	14
Days exceeding NAAQS 8 hour (0.075 ppm)	0	1	9
$PM_{2.5}$			
Maximum National Annual Average (micrograms per cubic meter [$\mu g/m^3$])	12.3	11.7	12.0
Maximum 24-hour concentration (micrograms per cubic meter [$\mu g/m^3$])	56.4	44.3	54.9
Days exceeding NAAQS (35 $\mu g/m^3$)	8.4	2.1	6.1
State Annual Average ($\mu g/m^3$)	12.5	12.0	16.2
High State 24-hour average ($\mu g/m^3$)?	70.3	49.4	61.7
PM_{10}			
Maximum National Annual Average concentration ($\mu g/m^3$)	27.1	25.8	25.7
Maximum National 24-hour concentration ($\mu g/m^3$)	73.0	64.0	64.6
Days exceeding NAAQS 24-hour standard (150 $\mu g/m^3$)	0	0	0
Days exceeding CAAQS 24-hour standard (50 $\mu g/m^3$)	13.8	*	*
NO_2			
Maximum National 1-hour concentration (ppb)	79.1	64.7	80.6
Maximum State 1-hour concentration (ppb)	79.0	64.0	80.0
Days exceeding NAAQS (0.100 ppm)	0	0	0
Days exceeding CAAQS (0.18 ppm)	0	0	0
CO (Data not available)			
SO_2 (Data not available)			
HS (Data not available)			

KEY: ppm = parts per million by volume; $\mu g/m^3$ = micrograms per cubic meter; ppb = parts per billion by volume.
NOTE: * Denotes insufficient data.
SOURCE: California Air Resources Board. Accessed 19 February 2019. *Top 4 Summary: Select Pollutant, Years, & Area.* Available at: http://www.arb.ca.gov/adam/topfour/topfour1.php

Ascot Avenue School Modernization

South Coast Air Basin, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Elementary School	867.00	Student	5.30	61,804.00	0

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	31
Climate Zone	12			**Operational Year**	2021
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	702.44	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics -

Land Use - Number of students from web search https://www.publicschoolreview.com/ascot-avenue-elementary-school-profile
Lot acreage from LAUSD Ascot Elementary Site Analysis Report.
Square feet from Exhibit D Space Program 59836 sq ft (demo) plus 63773 sq ft (new) = 123609 sq ft. Since the project will be built in two phases it is assumed half this sq footage, 61804 sq ft, will be built in phase 1.

Construction Phase -
Construction schedule provided by LAUSD

Grading - Per schedule soil exported during Site Prep is 35 x 14 CY = 490 CY

Trips and VMT - Conservatively assumed that a max of 150 workers will be onsite (from Construction schedule provided by LAUSD)
truck trips from Construction schedule provided by LAUSD

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	230.00	260.00
tblConstructionPhase	NumDays	20.00	66.00
tblConstructionPhase	NumDays	20.00	325.00
tblConstructionPhase	NumDays	10.00	66.00
tblEnergyUse	LightingElect	2.59	2.66
tblEnergyUse	T24E	1.74	1.83
tblEnergyUse	T24NG	9.32	9.37
tblGrading	MaterialExported	0.00	490.00
tblLandUse	LandUseSquareFeet	72,484.12	61,804.00
tblLandUse	LotAcreage	1.66	5.30
tblTripsAndVMT	HaulingTripNumber	136.00	20.00
tblTripsAndVMT	HaulingTripNumber	61.00	35.00
tblTripsAndVMT	HaulingTripNumber	0.00	12.00
tblTripsAndVMT	HaulingTripNumber	0.00	9.00
tblTripsAndVMT	WorkerTripNumber	15.00	150.00
tblTripsAndVMT	WorkerTripNumber	18.00	150.00
tblTripsAndVMT	WorkerTripNumber	26.00	150.00
tblTripsAndVMT	WorkerTripNumber	15.00	150.00

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					
2021	0.3571	3.0254	2.4738	5.0800e-003	0.7757	0.1511	0.9268	0.3737	0.1401	0.5139	0.0000	449.2355	449.2355	0.0899	0.0000	451.4829
2022	0.2810	2.0297	2.7207	5.6000e-003	0.2202	0.0991	0.3193	0.0586	0.0928	0.1514	0.0000	494.7520	494.7520	0.0812	0.0000	496.7824
2023	0.2059	1.3746	2.4756	4.8800e-003	0.2140	0.0679	0.2819	0.0568	0.0624	0.1193	0.0000	433.7687	433.7687	0.0883	0.0000	435.9764
Maximum	**0.3571**	**3.0254**	**2.7207**	**5.6000e-003**	**0.7757**	**0.1511**	**0.9268**	**0.3737**	**0.1401**	**0.5139**	**0.0000**	**494.7520**	**494.7520**	**0.0899**	**0.0000**	**496.7824**

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					
2021	0.3571	3.0254	2.4738	5.0800e-003	0.7757	0.1511	0.9268	0.3737	0.1401	0.5139	0.0000	449.2351	449.2351	0.0899	0.0000	451.4826
2022	0.2810	2.0297	2.7207	5.6000e-003	0.2202	0.0991	0.3193	0.0586	0.0928	0.1514	0.0000	494.7517	494.7517	0.0812	0.0000	496.7820
2023	0.2059	1.3746	2.4756	4.8800e-003	0.2140	0.0679	0.2819	0.0568	0.0624	0.1193	0.0000	433.7684	433.7684	0.0883	0.0000	435.9761
Maximum	**0.3571**	**3.0254**	**2.7207**	**5.6000e-003**	**0.7757**	**0.1511**	**0.9268**	**0.3737**	**0.1401**	**0.5139**	**0.0000**	**494.7517**	**494.7517**	**0.0899**	**0.0000**	**496.7820**

Ascot Avenue School Modernization - South Coast Air Basin, Annual

	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**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
9	**2-12-2021**	**5-11-2021**	0.5231	0.5231
10	**5-12-2021**	**8-11-2021**	1.3179	1.3179
11	**8-12-2021**	**11-11-2021**	1.1444	1.1444
12	**11-12-2021**	**2-11-2022**	0.6733	0.6733
13	**2-12-2022**	**5-11-2022**	0.6128	0.6128
14	**5-12-2022**	**8-11-2022**	0.6318	0.6318
15	**8-12-2022**	**11-11-2022**	0.5449	0.5449
16	**11-12-2022**	**2-11-2023**	0.4205	0.4205
17	**2-12-2023**	**5-11-2023**	0.3867	0.3867
18	**5-12-2023**	**8-11-2023**	0.3981	0.3981
19	**8-12-2023**	**9-30-2023**	0.2164	0.2164
		Highest	1.3179	1.3179

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	0.2530	1.0000e-004	0.0111	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0215	0.0215	6.0000e-005	0.0000	0.0230
Energy	3.4800e-003	0.0317	0.0266	1.9000e-004		2.4100e-003	2.4100e-003		2.4100e-003	2.4100e-003	0.0000	154.1930	154.1930	5.6000e-003	1.6500e-003	154.8261
Mobile	0.2525	1.3707	3.5012	0.0127	1.0457	0.0103	1.0560	0.2802	9.6400e-003	0.2898	0.0000	1,167.7241	1,167.7241	0.0572	0.0000	1,169.1543
Waste						0.0000	0.0000		0.0000	0.0000	32.1193	0.0000	32.1193	1.8982	0.0000	79.5741
Water						0.0000	0.0000		0.0000	0.0000	0.6668	27.8519	28.5187	0.0696	1.8600e-003	30.8124
Total	**0.5090**	**1.4025**	**3.5389**	**0.0128**	**1.0457**	**0.0128**	**1.0584**	**0.2802**	**0.0121**	**0.2923**	**32.7861**	**1,349.7904**	**1,382.5765**	**2.0307**	**3.5100e-003**	**1,434.3899**

2.2 Overall Operational

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	0.2530	1.0000e-004	0.0111	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0215	0.0215	6.0000e-005	0.0000	0.0230
Energy	3.4800e-003	0.0317	0.0266	1.9000e-004		2.4100e-003	2.4100e-003		2.4100e-003	2.4100e-003	0.0000	154.1930	154.1930	5.6000e-003	1.6500e-003	154.8261
Mobile	0.2525	1.3707	3.5012	0.0127	1.0457	0.0103	1.0560	0.2802	9.6400e-003	0.2898	0.0000	1,167.7241	1,167.7241	0.0572	0.0000	1,169.1543
Waste						0.0000	0.0000		0.0000	0.0000	32.1193	0.0000	32.1193	1.8982	0.0000	79.5741
Water						0.0000	0.0000		0.0000	0.0000	0.6668	27.8519	28.5187	0.0696	1.8600e-003	30.8124
Total	**0.5090**	**1.4025**	**3.5389**	**0.0128**	**1.0457**	**0.0128**	**1.0584**	**0.2802**	**0.0121**	**0.2923**	**32.7861**	**1,349.7904**	**1,382.5765**	**2.0307**	**3.5100e-003**	**1,434.3899**

	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**

3.0 Construction Detail

Construction Phase

Ascot Avenue School Modernization - South Coast Air Basin, Annual

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	4/1/2021	7/1/2021	5	66	Demolition/Interim Housing/Modernization (3 months)
2	Site Preparation	Site Preparation	7/2/2021	10/1/2021	5	66	Site prep/Modernization (3 months)
3	Building Construction	Building Construction	10/2/2021	10/1/2022	5	260	Building Construction/Modernization (12 months)
4	Paving	Paving	10/2/2022	12/31/2023	5	325	Ashpalt paving and Off Site Street Work (3 months)

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 0

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

<u>OffRoad Equipment</u>

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Building Construction	Cranes	1	7.00	231	0.29
Building Construction	Forklifts	3	8.00	89	0.20
Building Construction	Generator Sets	1	8.00	84	0.74
Building Construction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Construction	Welders	1	8.00	46	0.45
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Paving	Pavers	2	8.00	130	0.42
Paving	Paving Equipment	2	8.00	132	0.36
Paving	Rollers	2	8.00	80	0.38
Site Preparation	Rubber Tired Dozers	3	8.00	247	0.40
Site Preparation	Tractors/Loaders/Backhoes	4	8.00	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
Building Construction	9	150.00	10.00	12.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Demolition	6	150.00	0.00	20.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	150.00	0.00	9.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	150.00	0.00	35.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

3.2 Demolition - 2021

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					0.0147	0.0000	0.0147	2.2300e-003	0.0000	2.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1045	1.0375	0.7117	1.2800e-003		0.0512	0.0512		0.0476	0.0476	0.0000	112.2026	112.2026	0.0316	0.0000	112.9921
Total	**0.1045**	**1.0375**	**0.7117**	**1.2800e-003**	**0.0147**	**0.0512**	**0.0659**	**2.2300e-003**	**0.0476**	**0.0498**	**0.0000**	**112.2026**	**112.2026**	**0.0316**	**0.0000**	**112.9921**

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	8.0000e-005	2.6700e-003	5.9000e-004	1.0000e-005	1.7000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.7505	0.7505	5.0000e-005	0.0000	0.7518
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	0.0206	0.0153	0.1728	5.2000e-004	0.0543	4.1000e-004	0.0547	0.0144	3.8000e-004	0.0148	0.0000	47.3543	47.3543	1.2700e-003	0.0000	47.3861
Total	**0.0207**	**0.0179**	**0.1733**	**5.3000e-004**	**0.0545**	**4.2000e-004**	**0.0549**	**0.0145**	**3.9000e-004**	**0.0149**	**0.0000**	**48.1048**	**48.1048**	**1.3200e-003**	**0.0000**	**48.1380**

3.2 Demolition - 2021

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					0.0147	0.0000	0.0147	2.2300e-003	0.0000	2.2300e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1045	1.0375	0.7116	1.2800e-003		0.0512	0.0512		0.0476	0.0476	0.0000	112.2025	112.2025	0.0316	0.0000	112.9920
Total	**0.1045**	**1.0375**	**0.7116**	**1.2800e-003**	**0.0147**	**0.0512**	**0.0659**	**2.2300e-003**	**0.0476**	**0.0498**	**0.0000**	**112.2025**	**112.2025**	**0.0316**	**0.0000**	**112.9920**

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	8.0000e-005	2.6700e-003	5.9000e-004	1.0000e-005	1.7000e-004	1.0000e-005	1.8000e-004	5.0000e-005	1.0000e-005	5.0000e-005	0.0000	0.7505	0.7505	5.0000e-005	0.0000	0.7518
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	0.0206	0.0153	0.1728	5.2000e-004	0.0543	4.1000e-004	0.0547	0.0144	3.8000e-004	0.0148	0.0000	47.3543	47.3543	1.2700e-003	0.0000	47.3861
Total	**0.0207**	**0.0179**	**0.1733**	**5.3000e-004**	**0.0545**	**4.2000e-004**	**0.0549**	**0.0145**	**3.9000e-004**	**0.0149**	**0.0000**	**48.1048**	**48.1048**	**1.3200e-003**	**0.0000**	**48.1380**

3.3 Site Preparation - 2021

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					0.5962	0.0000	0.5962	0.3277	0.0000	0.3277	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1283	1.3364	0.6981	1.2500e-003		0.0675	0.0675		0.0621	0.0621	0.0000	110.3379	110.3379	0.0357	0.0000	111.2300
Total	**0.1283**	**1.3364**	**0.6981**	**1.2500e-003**	**0.5962**	**0.0675**	**0.6637**	**0.3277**	**0.0621**	**0.3898**	**0.0000**	**110.3379**	**110.3379**	**0.0357**	**0.0000**	**111.2300**

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	4.6800e-003	1.0300e-003	1.0000e-005	3.0000e-004	1.0000e-005	3.1000e-004	8.0000e-005	1.0000e-005	1.0000e-004	0.0000	1.3133	1.3133	9.0000e-005	0.0000	1.3157
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	0.0206	0.0153	0.1728	5.2000e-004	0.0543	4.1000e-004	0.0547	0.0144	3.8000e-004	0.0148	0.0000	47.3543	47.3543	1.2700e-003	0.0000	47.3861
Total	**0.0207**	**0.0200**	**0.1738**	**5.3000e-004**	**0.0546**	**4.2000e-004**	**0.0550**	**0.0145**	**3.9000e-004**	**0.0149**	**0.0000**	**48.6676**	**48.6676**	**1.3600e-003**	**0.0000**	**48.7018**

3.3 Site Preparation - 2021

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					0.5962	0.0000	0.5962	0.3277	0.0000	0.3277	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1283	1.3364	0.6981	1.2500e-003		0.0675	0.0675		0.0621	0.0621	0.0000	110.3377	110.3377	0.0357	0.0000	111.2299
Total	**0.1283**	**1.3364**	**0.6981**	**1.2500e-003**	**0.5962**	**0.0675**	**0.6637**	**0.3277**	**0.0621**	**0.3898**	**0.0000**	**110.3377**	**110.3377**	**0.0357**	**0.0000**	**111.2299**

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	4.6800e-003	1.0300e-003	1.0000e-005	3.0000e-004	1.0000e-005	3.1000e-004	8.0000e-005	1.0000e-005	1.0000e-004	0.0000	1.3133	1.3133	9.0000e-005	0.0000	1.3157
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	0.0206	0.0153	0.1728	5.2000e-004	0.0543	4.1000e-004	0.0547	0.0144	3.8000e-004	0.0148	0.0000	47.3543	47.3543	1.2700e-003	0.0000	47.3861
Total	**0.0207**	**0.0200**	**0.1738**	**5.3000e-004**	**0.0546**	**4.2000e-004**	**0.0550**	**0.0145**	**3.9000e-004**	**0.0149**	**0.0000**	**48.6676**	**48.6676**	**1.3600e-003**	**0.0000**	**48.7018**

3.4 Building Construction - 2021

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	0.0618	0.5665	0.5387	8.7000e-004		0.0312	0.0312		0.0293	0.0293	0.0000	75.2821	75.2821	0.0182	0.0000	75.7362
Total	**0.0618**	**0.5665**	**0.5387**	**8.7000e-004**		**0.0312**	**0.0312**		**0.0293**	**0.0293**	**0.0000**	**75.2821**	**75.2821**	**0.0182**	**0.0000**	**75.7362**

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	1.0000e-005	4.0000e-004	9.0000e-005	0.0000	8.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.1126	0.1126	1.0000e-005	0.0000	0.1128
Vendor	9.3000e-004	0.0316	7.9900e-003	8.0000e-005	2.0500e-003	6.0000e-005	2.1100e-003	5.9000e-004	6.0000e-005	6.5000e-004	0.0000	7.8912	7.8912	5.1000e-004	0.0000	7.9039
Worker	0.0203	0.0150	0.1701	5.2000e-004	0.0535	4.0000e-004	0.0539	0.0142	3.7000e-004	0.0146	0.0000	46.6368	46.6368	1.2600e-003	0.0000	46.6682
Total	**0.0212**	**0.0471**	**0.1782**	**6.0000e-004**	**0.0556**	**4.6000e-004**	**0.0561**	**0.0148**	**4.3000e-004**	**0.0153**	**0.0000**	**54.6406**	**54.6406**	**1.7800e-003**	**0.0000**	**54.6849**

3.4 Building Construction - 2021

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	0.0618	0.5665	0.5387	8.7000e-004		0.0312	0.0312		0.0293	0.0293	0.0000	75.2820	75.2820	0.0182	0.0000	75.7361
Total	**0.0618**	**0.5665**	**0.5387**	**8.7000e-004**		**0.0312**	**0.0312**		**0.0293**	**0.0293**	**0.0000**	**75.2820**	**75.2820**	**0.0182**	**0.0000**	**75.7361**

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	1.0000e-005	4.0000e-004	9.0000e-005	0.0000	8.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.1126	0.1126	1.0000e-005	0.0000	0.1128
Vendor	9.3000e-004	0.0316	7.9900e-003	8.0000e-005	2.0500e-003	6.0000e-005	2.1100e-003	5.9000e-004	6.0000e-005	6.5000e-004	0.0000	7.8912	7.8912	5.1000e-004	0.0000	7.9039
Worker	0.0203	0.0150	0.1701	5.2000e-004	0.0535	4.0000e-004	0.0539	0.0142	3.7000e-004	0.0146	0.0000	46.6368	46.6368	1.2600e-003	0.0000	46.6682
Total	**0.0212**	**0.0471**	**0.1782**	**6.0000e-004**	**0.0556**	**4.6000e-004**	**0.0561**	**0.0148**	**4.3000e-004**	**0.0153**	**0.0000**	**54.6406**	**54.6406**	**1.7800e-003**	**0.0000**	**54.6849**

3.4 Building Construction - 2022

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	0.1664	1.5225	1.5954	2.6300e-003		0.0789	0.0789		0.0742	0.0742	0.0000	225.9321	225.9321	0.0541	0.0000	227.2853
Total	**0.1664**	**1.5225**	**1.5954**	**2.6300e-003**		**0.0789**	**0.0789**		**0.0742**	**0.0742**	**0.0000**	**225.9321**	**225.9321**	**0.0541**	**0.0000**	**227.2853**

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	3.0000e-005	1.1100e-003	2.6000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3337	0.3337	2.0000e-005	0.0000	0.3343
Vendor	2.6300e-003	0.0900	0.0227	2.4000e-004	6.1400e-003	1.7000e-004	6.3100e-003	1.7700e-003	1.6000e-004	1.9300e-003	0.0000	23.4645	23.4645	1.4700e-003	0.0000	23.5013
Worker	0.0571	0.0408	0.4713	1.4900e-003	0.1605	1.1800e-003	0.1616	0.0426	1.0800e-003	0.0437	0.0000	134.8991	134.8991	3.4000e-003	0.0000	134.9841
Total	**0.0597**	**0.1319**	**0.4943**	**1.7300e-003**	**0.1667**	**1.3500e-003**	**0.1680**	**0.0444**	**1.2400e-003**	**0.0457**	**0.0000**	**158.6972**	**158.6972**	**4.8900e-003**	**0.0000**	**158.8197**

3.4 Building Construction - 2022

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	0.1664	1.5225	1.5954	2.6300e-003		0.0789	0.0789		0.0742	0.0742	0.0000	225.9318	225.9318	0.0541	0.0000	227.2850
Total	**0.1664**	**1.5225**	**1.5954**	**2.6300e-003**		**0.0789**	**0.0789**		**0.0742**	**0.0742**	**0.0000**	**225.9318**	**225.9318**	**0.0541**	**0.0000**	**227.2850**

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	3.0000e-005	1.1100e-003	2.6000e-004	0.0000	1.0000e-004	0.0000	1.0000e-004	3.0000e-005	0.0000	3.0000e-005	0.0000	0.3337	0.3337	2.0000e-005	0.0000	0.3343
Vendor	2.6300e-003	0.0900	0.0227	2.4000e-004	6.1400e-003	1.7000e-004	6.3100e-003	1.7700e-003	1.6000e-004	1.9300e-003	0.0000	23.4645	23.4645	1.4700e-003	0.0000	23.5013
Worker	0.0571	0.0408	0.4713	1.4900e-003	0.1605	1.1800e-003	0.1616	0.0426	1.0800e-003	0.0437	0.0000	134.8991	134.8991	3.4000e-003	0.0000	134.9841
Total	**0.0597**	**0.1319**	**0.4943**	**1.7300e-003**	**0.1667**	**1.3500e-003**	**0.1680**	**0.0444**	**1.2400e-003**	**0.0457**	**0.0000**	**158.6972**	**158.6972**	**4.8900e-003**	**0.0000**	**158.8197**

3.5 Paving - 2022

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	0.0358	0.3616	0.4739	7.4000e-004		0.0185	0.0185		0.0170	0.0170	0.0000	65.0896	65.0896	0.0211	0.0000	65.6158
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0358**	**0.3616**	**0.4739**	**7.4000e-004**		**0.0185**	**0.0185**		**0.0170**	**0.0170**	**0.0000**	**65.0896**	**65.0896**	**0.0211**	**0.0000**	**65.6158**

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	1.0000e-005	2.2000e-004	5.0000e-005	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0667	0.0667	0.0000	0.0000	0.0669
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	0.0190	0.0136	0.1571	5.0000e-004	0.0535	3.9000e-004	0.0539	0.0142	3.6000e-004	0.0146	0.0000	44.9664	44.9664	1.1300e-003	0.0000	44.9947
Total	**0.0190**	**0.0138**	**0.1572**	**5.0000e-004**	**0.0536**	**3.9000e-004**	**0.0539**	**0.0142**	**3.6000e-004**	**0.0146**	**0.0000**	**45.0331**	**45.0331**	**1.1300e-003**	**0.0000**	**45.0616**

3.5 Paving - 2022

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	0.0358	0.3616	0.4739	7.4000e-004		0.0185	0.0185		0.0170	0.0170	0.0000	65.0895	65.0895	0.0211	0.0000	65.6158
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0358**	**0.3616**	**0.4739**	**7.4000e-004**		**0.0185**	**0.0185**		**0.0170**	**0.0170**	**0.0000**	**65.0895**	**65.0895**	**0.0211**	**0.0000**	**65.6158**

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	1.0000e-005	2.2000e-004	5.0000e-005	0.0000	6.0000e-005	0.0000	6.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.0667	0.0667	0.0000	0.0000	0.0669
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	0.0190	0.0136	0.1571	5.0000e-004	0.0535	3.9000e-004	0.0539	0.0142	3.6000e-004	0.0146	0.0000	44.9664	44.9664	1.1300e-003	0.0000	44.9947
Total	**0.0190**	**0.0138**	**0.1572**	**5.0000e-004**	**0.0536**	**3.9000e-004**	**0.0539**	**0.0142**	**3.6000e-004**	**0.0146**	**0.0000**	**45.0331**	**45.0331**	**1.1300e-003**	**0.0000**	**45.0616**

3.5 Paving - 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	0.1343	1.3249	1.8960	2.9600e-003		0.0663	0.0663		0.0610	0.0610	0.0000	260.3493	260.3493	0.0842	0.0000	262.4543
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1343**	**1.3249**	**1.8960**	**2.9600e-003**		**0.0663**	**0.0663**		**0.0610**	**0.0610**	**0.0000**	**260.3493**	**260.3493**	**0.0842**	**0.0000**	**262.4543**

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	2.0000e-005	5.7000e-004	1.9000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2560	0.2560	2.0000e-005	0.0000	0.2564
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	0.0717	0.0492	0.5794	1.9100e-003	0.2139	1.5300e-003	0.2155	0.0568	1.4100e-003	0.0582	0.0000	173.1635	173.1635	4.0900e-003	0.0000	173.2656
Total	**0.0717**	**0.0497**	**0.5796**	**1.9100e-003**	**0.2140**	**1.5300e-003**	**0.2155**	**0.0568**	**1.4100e-003**	**0.0582**	**0.0000**	**173.4195**	**173.4195**	**4.1100e-003**	**0.0000**	**173.5221**

3.5 Paving - 2023

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	0.1343	1.3249	1.8960	2.9600e-003		0.0663	0.0663		0.0610	0.0610	0.0000	260.3490	260.3490	0.0842	0.0000	262.4540
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.1343**	**1.3249**	**1.8960**	**2.9600e-003**		**0.0663**	**0.0663**		**0.0610**	**0.0610**	**0.0000**	**260.3490**	**260.3490**	**0.0842**	**0.0000**	**262.4540**

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	2.0000e-005	5.7000e-004	1.9000e-004	0.0000	7.0000e-005	0.0000	7.0000e-005	2.0000e-005	0.0000	2.0000e-005	0.0000	0.2560	0.2560	2.0000e-005	0.0000	0.2564
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	0.0717	0.0492	0.5794	1.9100e-003	0.2139	1.5300e-003	0.2155	0.0568	1.4100e-003	0.0582	0.0000	173.1635	173.1635	4.0900e-003	0.0000	173.2656
Total	**0.0717**	**0.0497**	**0.5796**	**1.9100e-003**	**0.2140**	**1.5300e-003**	**0.2155**	**0.0568**	**1.4100e-003**	**0.0582**	**0.0000**	**173.4195**	**173.4195**	**4.1100e-003**	**0.0000**	**173.5221**

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	0.2525	1.3707	3.5012	0.0127	1.0457	0.0103	1.0560	0.2802	9.6400e-003	0.2898	0.0000	1,167.7241	1,167.7241	0.0572	0.0000	1,169.1543
Unmitigated	0.2525	1.3707	3.5012	0.0127	1.0457	0.0103	1.0560	0.2802	9.6400e-003	0.2898	0.0000	1,167.7241	1,167.7241	0.0572	0.0000	1,169.1543

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Elementary School	1,118.43	0.00	0.00	2,753,242	2,753,242
Total	1,118.43	0.00	0.00	2,753,242	2,753,242

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
Elementary School	16.60	8.40	6.90	65.00	30.00	5.00	63	25	12

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Elementary School	0.551391	0.043400	0.201050	0.120272	0.016162	0.005864	0.021029	0.030512	0.002059	0.001866	0.004766	0.000706	0.000924

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	119.7278	119.7278	4.9400e-003	1.0200e-003	120.1562
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	119.7278	119.7278	4.9400e-003	1.0200e-003	120.1562
NaturalGas Mitigated	3.4800e-003	0.0317	0.0266	1.9000e-004		2.4100e-003	2.4100e-003		2.4100e-003	2.4100e-003	0.0000	34.4651	34.4651	6.6000e-004	6.3000e-004	34.6699
NaturalGas Unmitigated	3.4800e-003	0.0317	0.0266	1.9000e-004		2.4100e-003	2.4100e-003		2.4100e-003	2.4100e-003	0.0000	34.4651	34.4651	6.6000e-004	6.3000e-004	34.6699

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					
Elementary School	645852	3.4800e-003	0.0317	0.0266	1.9000e-004		2.4100e-003	2.4100e-003		2.4100e-003	2.4100e-003	0.0000	34.4651	34.4651	6.6000e-004	6.3000e-004	34.6699
Total		**3.4800e-003**	**0.0317**	**0.0266**	**1.9000e-004**		**2.4100e-003**	**2.4100e-003**		**2.4100e-003**	**2.4100e-003**	**0.0000**	**34.4651**	**34.4651**	**6.6000e-004**	**6.3000e-004**	**34.6699**

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					
Elementary School	645852	3.4800e-003	0.0317	0.0266	1.9000e-004		2.4100e-003	2.4100e-003		2.4100e-003	2.4100e-003	0.0000	34.4651	34.4651	6.6000e-004	6.3000e-004	34.6699
Total		**3.4800e-003**	**0.0317**	**0.0266**	**1.9000e-004**		**2.4100e-003**	**2.4100e-003**		**2.4100e-003**	**2.4100e-003**	**0.0000**	**34.4651**	**34.4651**	**6.6000e-004**	**6.3000e-004**	**34.6699**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	375768	119.7278	4.9400e-003	1.0200e-003	120.1562
Total		**119.7278**	**4.9400e-003**	**1.0200e-003**	**120.1562**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Elementary School	375768	119.7278	4.9400e-003	1.0200e-003	120.1562
Total		**119.7278**	**4.9400e-003**	**1.0200e-003**	**120.1562**

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	0.2530	1.0000e-004	0.0111	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0215	0.0215	6.0000e-005	0.0000	0.0230
Unmitigated	0.2530	1.0000e-004	0.0111	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0215	0.0215	6.0000e-005	0.0000	0.0230

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	0.0287					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2233					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0400e-003	1.0000e-004	0.0111	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0215	0.0215	6.0000e-005	0.0000	0.0230
Total	**0.2530**	**1.0000e-004**	**0.0111**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0215**	**0.0215**	**6.0000e-005**	**0.0000**	**0.0230**

6.2 Area by SubCategory

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	0.0287					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.2233					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.0400e-003	1.0000e-004	0.0111	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0215	0.0215	6.0000e-005	0.0000	0.0230
Total	**0.2530**	**1.0000e-004**	**0.0111**	**0.0000**		**4.0000e-005**	**4.0000e-005**		**4.0000e-005**	**4.0000e-005**	**0.0000**	**0.0215**	**0.0215**	**6.0000e-005**	**0.0000**	**0.0230**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	28.5187	0.0696	1.8600e-003	30.8124
Unmitigated	28.5187	0.0696	1.8600e-003	30.8124

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	2.10182 / 5.40467	28.5187	0.0696	1.8600e-003	30.8124
Total		**28.5187**	**0.0696**	**1.8600e-003**	**30.8124**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Elementary School	2.10182 / 5.40467	28.5187	0.0696	1.8600e-003	30.8124
Total		**28.5187**	**0.0696**	**1.8600e-003**	**30.8124**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	32.1193	1.8982	0.0000	79.5741
Unmitigated	32.1193	1.8982	0.0000	79.5741

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	158.23	32.1193	1.8982	0.0000	79.5741
Total		**32.1193**	**1.8982**	**0.0000**	**79.5741**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Elementary School	158.23	32.1193	1.8982	0.0000	79.5741
Total		**32.1193**	**1.8982**	**0.0000**	**79.5741**

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

APPENDIX D

Arborist Report

Carlberg ASSOCIATES

TABLE 1 –TREE INVENTORY

Tree #	Common Name *Botanical Name*	DBH(s) (inches	Height (feet)	Canopy Spread NS/EW	Health	Structure	Protected	Scenic[1] (CEQA)	Comments
1	Arizona ash *Fraxinus velutina*	21	35	20/21/20/17	B	C	No	No	
2	Arizona ash *Fraxinus velutina*	18.5	30	20/15/17/5	B	C	No	No	
3	Arizona ash *Fraxinus velutina*	19.5	30	18/13/20/22	B	C	No	No	
4	Brisbane box *Lophostomen confertus*	7	22	9/8/8/7	A	A	No	No	
5	fern pine *Afrocarpus gracilior*	5.5	20	12/9/9/7	A	A	No	No	
6	fern pine *Afrocarpus gracilior*	5	20	10/5/8/12	B	C	No	No	
7	Blue gum *Eucalyptus globulus*	13.5	25	13/15/12/18	B	B+	No	No	
8	Canary Island pine *Pinus canariensis*	5	13	4/3/3/3	A	B-	No	No	
9	Canary Island pine *Pinus canariensis*	5	15	4/5/3/3	A	A-	No	No	
10	purple orchid tree *Bauhinia purpurea*	8.5	20	13/12/14/13	A	B-	No	No	
11	Canary Island pine *Pinus canariensis*	5.5	15	6/8/4/0	B	C	No	No	
12	Canary Island pine *Pinus canariensis*	7.5	20	7/6/7/7	B	B	No	No	
13	Sweetshade *Hymenosporum flavum*	7	30	9/12/9/9	A	A	No	No	
14	yew pine *Podocarpus macrophyllus*	6	25	6/6/5/6	B	C	No	No	
15	yew pine *Podocarpus macrophyllus*	5	23	6/6/5/5	A	B	No	No	
16	London plane *Platanus x acerifolia*	7	25	8/16/11/8	C	B	No	No	
17	Canary Island pine *Pinus canariensis*	8	20	6/6/5/5	B-	C	No	No	
18	purple orchid tree *Bauhinia purpurea*	7	17	12/11/12/7	A	C	No	No	
19	Canary Island pine *Pinus canariensis*	7	20	6/6/6/7	A-	B	No	No	
20	purple orchid tree *Bauhinia purpurea*	12.5	22	8/19/19/9	B	D	No	No	Severe lean; topped; poor branching
21	purple orchid tree *Bauhinia purpurea*	8	20	12/18/13/1	B	D	No	No	Severe lean; topped; poor branching

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Tree #	Common Name *Botanical Name*	DBH(s) (inches	Height (feet)	Canopy Spread NS/EW	Health	Structure	Protected	Scenic[1] (CEQA)	Comments
22	purple orchid tree *Bauhinia purpurea*	5.5, 5.5, 6	22	13/11/14/15	A	C	No	No	
23	purple orchid tree *Bauhinia purpurea*	7	13	6/10/12/12	A	D	No	No	Severe lean; poor branching
24	yew pine *Podocarpus macrophyllus*	5, 3.5	20	6/6/6/6	A	B	No	No	
25	incense cedar *Calocedrus decurrens*	14	42	14/17/8/4	B	C	No	No	
26	yew pine *Podocarpus macrophyllus*	5	22	6/7/2/3	B	B	No	No	
27	yew pine *Podocarpus macrophyllus*	6	22	7/8/3/3	B	B	No	No	
28	yew pine *Podocarpus macrophyllus*	5	22	6/8/5/2	B	B	No	No	
29	yew pine *Podocarpus macrophyllus*	7	22	7/7/3/3	B	B	No	No	
30	yew pine *Podocarpus macrophyllus*	5.5, 4, 1.5	24	6/8/5/3	B	B	No	No	
31	incense cedar *Calocedrus decurrens*	11.5	40	9/17/3/0	B	C	No	No	
32	Carrotwood *Cupaniopsis anacardioides*	11.5	27	14/16/13/12	A	B	No	No	
33	Canary Island pine *Pinus canariensis*	7.5	16	4/7/6/7	A	B	No	No	
34	Hollywood juniper *Juniperus chinensis* 'Torulosa'	7	15	8/8/4/4	A	B	No	No	
35	Hollywood juniper *Juniperus chinensis* 'Torulosa'	8.5, 5	15	8/8/0/5	B	C	No	No	
36	Mulberry *Morus alba*	9	20	8/10/13/7	C	C	No	No	
37	Hollywood juniper *Juniperus chinensis* 'Torulosa'	9	15	6/4/3/6	B-	C	No	No	
38	Hollywood juniper *Juniperus chinensis* 'Torulosa'	7	13	7/4/1/3	B	B-	No	No	
39	Hollywood juniper *Juniperus chinensis* 'Torulosa'	11.5, 1.5	13	13/12/3/4	A	A	No	No	
40	Hollywood juniper *Juniperus chinensis* 'Torulosa'	8.5	16	7/11/3/16	A	A	No	No	

Arborist Report

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Tree #	Common Name *Botanical Name*	DBH(s) (inches	Height (feet)	Canopy Spread NS/EW	Health	Structure	Protected	Scenic[1] (CEQA)	Comments
41	fern pine *Afrocarpus gracilior*	16	45	7/15/18/19	B	B	No	No	
42	fern pine *Afrocarpus gracilior*	13	40	4/18/16/9	B	B	No	No	
43	fern pine *Afrocarpus gracilior*	16	45	5/7/15/14	B	C	No	No	
44	DEAD TREE	14	0	0	F	F	No	No	
ST45	crape myrtle *Lagerstroemia indica*	3	15	4/6/5/4	A	A	ROW tree	No	
ST46	lemon bottlebrush *Callistemon citrinus*	9	18	6/5/8/14	B	B	ROW tree	No	
ST47	Raywood ash *Fraxinus angustifolia*	7.5	25	16/18/18/15	A	B	ROW tree	No	
ST48	gold medallion tree *Cassia leptophylla*	7	18	10/15/15/9	A	B	ROW tree	No	
ST49	Brisbane box *Lophostomen confertus*	6.5	25	14/7/6/8	A	B	ROW tree	No	
ST50	Brisbane box *Lophostomen confertus*	6.5	22	13/15/11/10	A	A	ROW tree	No	
ST51	Chitalpa *x Chitalpa tashkentensis*	4.5	12	7/11/7/2	D	D	ROW tree	No	Leans; bark cracking indicating decline
ST52	Chitalpa *x Chitalpa tashkentensis*	5	13	7/10/9/6	B	D	ROW tree	No	Trunk is damaged; lean
ST53	gold medallion tree *Cassia leptophylla*	3.5	12	4/3/6/9	B	B	ROW tree	No	
ST54	Brisbane box *Lophostomen confertus*	8	25	7/10/6/7	A	C	ROW tree	No	
ST55	Brisbane box *Lophostomen confertus*	8	20	2/12/10/4	A	C	ROW tree	No	
ST56	Raywood ash *Fraxinus angustifolia*	6.5	20	12/13/15/11	A	A	ROW tree	No	
ST57	Modesto ash *Fraxinus velutina* 'Modesto'	19	30	10/9/18/17	B	C	ROW tree	No	
ST58	Modesto ash *Fraxinus velutina* 'Modesto'	16	25	6/7/4/7	C	D	ROW tree	No	Declining; open cavities in trunk.
ST59	Raywood ash *Fraxinus angustifolia*	16	40	21/21/26/15	B	B	ROW tree	No	
ST60	Modesto ash *Fraxinus velutina* 'Modesto'	14	27	8/8/15/0	D	D	ROW tree	No	Declining, topped.
ST61	Modesto ash *Fraxinus velutina* 'Modesto'	15	18	8/7/6/3	D	D	ROW tree	No	Declining, topped.

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Tree #	Common Name *Botanical Name*	DBH(s) (inches	Height (feet)	Canopy Spread NS/EW	Health	Structure	Protected	Scenic[1] (CEQA)	Comments
ST62	Modesto ash *Fraxinus velutina* 'Modesto'	13	15	9/12/11/9	C	D	ROW tree	No	Declining, topped.
ST63	carob tree *Ceratonia siliqua*	21.5	25	19/18/16/13	C	C	ROW tree	No	
ST64	carob tree *Ceratonia siliqua*	20.5	25	15/18/13/23	D	C	ROW tree	No	
ST65	carob tree *Ceratonia siliqua*	37	25	18/7/15/18	C	D	ROW tree	No	Declining, topped.
ST66	carob tree *Ceratonia siliqua*	36	25	12/18/18/20	D	D	ROW tree	No	
ST67	gold medallion tree *Cassia leptophylla*	3	9	4/2/4/4	C	D	ROW tree	No	

1 - A scenic tree is highly visible, prominent and possesses unique or distinctive aesthetic qualities due to its size, structure, unusual specimen, etc.

Arborist Report

EXHIBIT 1 - AERIAL VIEW OF THE SUBJECT AREA
1447 E. 45TH STREET, LOS ANGELES, CA
SOURCE: ZIMAS

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JANUARY 23, 2018 / ETP DESIGN

ASCOT ELEMENTARY SCHOOL, LOS ANGELES, CALIFORNIA

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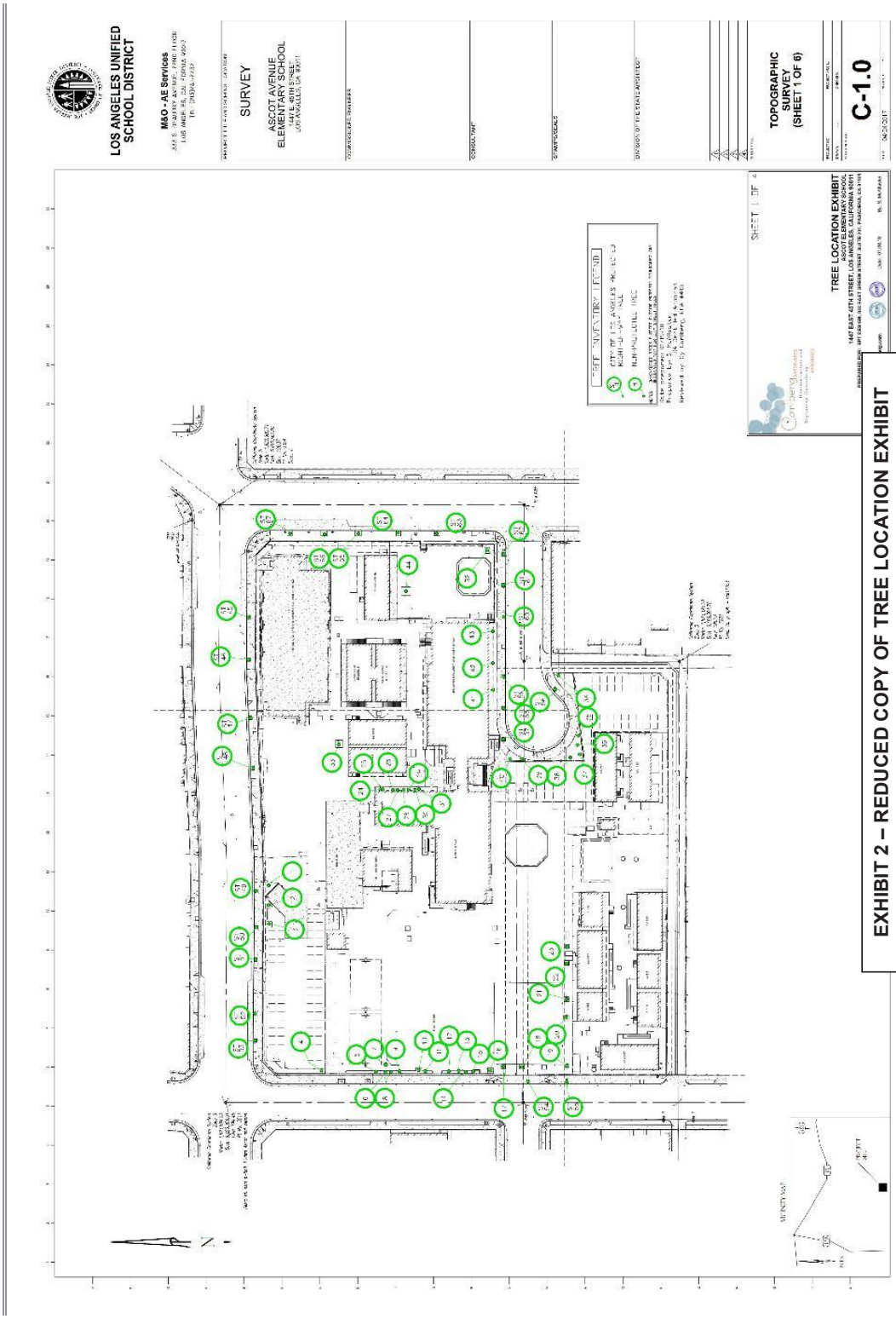

EXHIBIT 2 – REDUCED COPY OF TREE LOCATION EXHIBIT

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CAPTIONED TREE PHOTOGRAPHS

Tree #1

Tree #2(R) - #3(L)

Tree #4

Tree #5(R) - #6(L)

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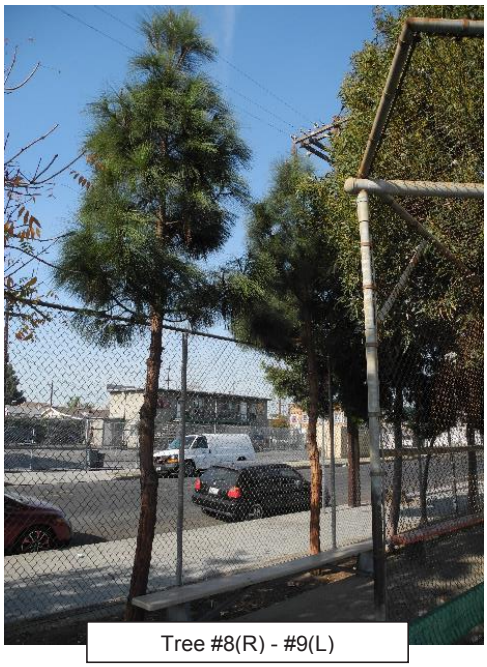
Tree #7



Tree #8(R) - #9(L)

Tree #10(R) - #11(L)

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Trees #12(R) - #15(L)

Tree #16

Tree #17(R) - #18(L)

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Tree #19

Tree #20(R) - #23(L)

Tree #24

Tree #25

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Tree #26(L) - #30(R)

Tree #31

Tree #32

Tree #33

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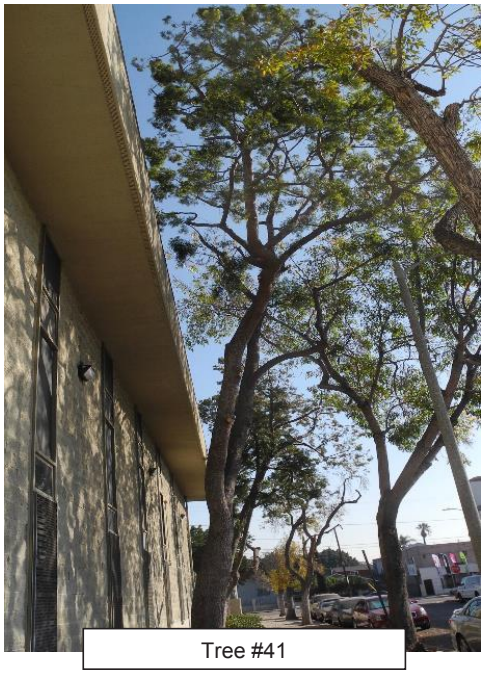
Tree #34

Tree #35(L) - #38(R)

Tree #39(L) - #40(R)



Tree #41

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Tree #42

Tree #43

Tree #44

Tree #ST45

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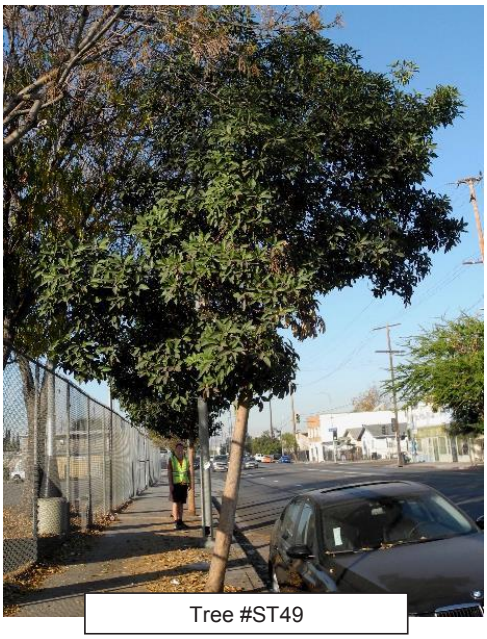
Tree #ST46

Tree #ST47

Tree #ST48



Tree #ST49

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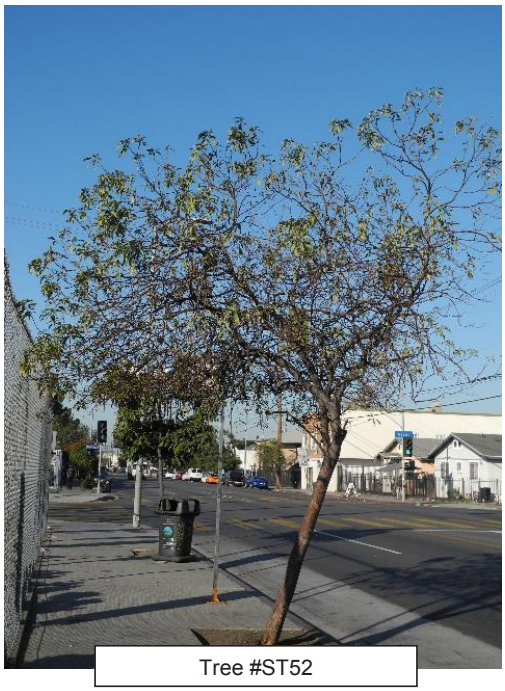
Tree #ST50

Tree #ST51



Tree #ST52

Tree #ST53

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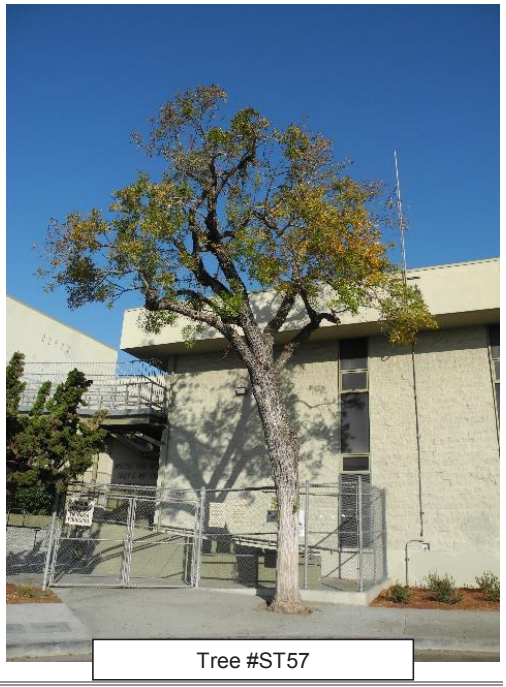
Tree #ST54

Tree #ST55

Tree #ST56



Tree #ST57

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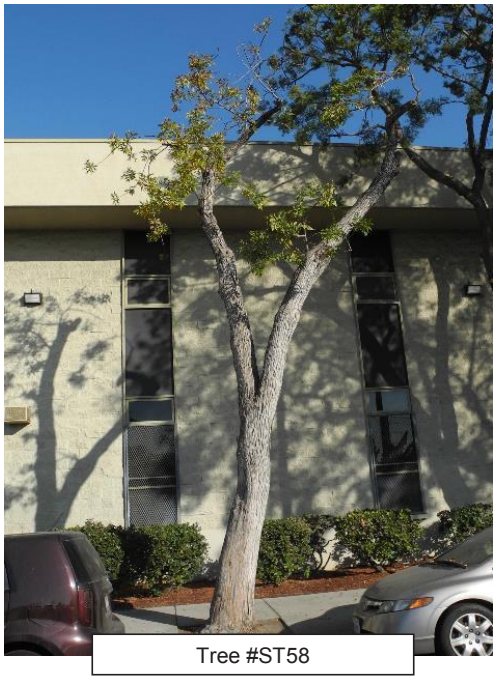

Tree #ST58

Tree #ST59

Tree #ST60

Tree #ST61

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Tree #ST62

Tree #ST63

Tree #ST64(L) - #66(R)

Tree #ST67

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HEALTH AND STRUCTURE GRADE DEFINITIONS

Health and structure ratings of the trees are based on the archetype tree of the same species through a subjective evaluation of its physiological health, aesthetic quality, and structural integrity.

Overall physiological condition (health) and structural condition were rated A-F:

Health

a. Outstanding – Exceptional trees of good growth form and vigor for their age class; exhibiting very good to excellent health as evidenced by normal to exceptional shoot growth during current season, good bud development and leaf color, lack of leaf, twig or branch dieback throughout the crown, and the absence of decay, bleeding, or cankers. Common leaf and/or twig pests may be noted at very minor levels.
b. Above average – Good to very good trees that exhibit minor necrotic or physiological symptoms of stress and/or disease; shoot growth is less than reasonably expected, leaf color is less than optimal in some areas, the crown may be thinning, minor levels of leaf, twig, and branch dieback may be present, and minor areas of decay, bleeding, or cankers may be manifesting. Minor amounts of epicormic growth may be present. Minor amounts of fire damage or mechanical damage may be present. Still healthy, but with moderately diminished vigor and vitality. No significant decline noted.
c. Average – Average, moderately good trees whose growth habit and physiological or fire-induced symptoms indicate an equal chance to either decline or continue with good health into the near future. Most of these trees exhibit moderate to significant small deadwood in outer crown areas, decreased shoot growth and diminished leaf color and mass. Some stem and branch dieback is usually present and epicormic growth may be moderate to extensive. Cavities, pockets of decay, relatively significant fire damage, bark exfoliation, or cracks may be present. Moderate to significant amounts of insect or disease symptoms may be present; the tree may be shaded or crowded in such a way that it is expected to negatively impact the lifespan of the tree. Tree may be in early decline.
d. Below Average/Poor - trees whose growth habit and physiological or fire-induced symptoms indicate significant, irreversible decline. Most of these trees exhibit significant dieback of wood in the crown, possibly accompanied by significant epicormic sprouting. Shoot growth and leaf color and mass is either significantly diminished or nonexistent throughout the crown. Cavities, pockets of decay, significant fire damage, bark exfoliation, and/or cracks may be present. Significant amounts of insect or disease symptoms may be present; the tree may be shaded or crowded in such a way that it has negatively impacted the lifespan of the tree. Tree appears to be in irreversible decline.
e. Dead or in spiral of decline – this tree exhibits very little to no signs of life.

Structure

A) Outstanding – Trees with outstanding structure for their species exhibit trunk and branch arrangement and orientation that result in a sturdy form or architecture that resists failure under normal circumstances. The spacing, orientation, and size of the branches relative to the trunk are quintessential for the species and free from defects. No outward sign of decay or pathological disease is present. Some trees exhibit naturally inherent branching defects, like multiple, narrow points of attachment from one point on the trunk, which would preclude them from achieving an “A” grade.
B) Above average - Trees with good to very good structure for their species. They exhibit trunk and branch arrangement and orientation that result in a relatively sturdy form or architecture that resists failure under normal circumstances, but may have some mechanical damage, over-pruning, or other minor structural defects. The spacing, orientation, and size of the branches relative to the trunk are still in the normal

range for the species, but they exhibit a minor degree of defects. Minor, sub-critical levels of decay or pathological disease may be present, but the degree of damage is not yet structurally significant. Trees that exhibit naturally inherent branching defects, like multiple, narrow points of attachment from one point on the trunk, would generally fall in to this category. A small percentage of the canopy may be shaded or crowded, but not in such a way that it is expected to negatively impact the structural integrity or lifespan of the tree.

C) Average - Trees with moderately good structure for their species, but with obvious defects. They exhibit trunk and branch arrangement and orientation that result in a less than sturdy form or architecture, which reduces their resistance to failure under normal circumstances. Moderate levels of mechanical damage, over-pruning, or other structural defects may be present. The spacing, orientation, and size of some of the branches relative to the trunk are not in the normal range for the species. Moderate to significant levels of decay or pathological disease may be present that increase the likelihood of structural instability. Influences such as an excessive trunk lean, slope erosion, root pruning, or other growth-inhibiting factors may be present. A moderate to significant percentage of the canopy may be shaded or crowded in such a way that it is expected to negatively impact the structural integrity or lifespan of the tree. Risk of full or partial failure in the near future appears to be moderately elevated.

D) Well Below Average/Poor - Trees poor structure for their species and with obvious defects. They exhibit trunk and branch arrangement and orientation that result in a significantly less than sturdy form or architecture, significantly reducing their resistance to failure under normal circumstances. Significant levels of mechanical damage, over-pruning, or other structural defects may be present. The spacing, orientation, and size of many of the branches relative to the trunk are not in the normal range for the species. Significant levels of decay or pathological disease may be present that increase the likelihood of structural instability. Influences such as an excessive trunk lean, slope erosion, root pruning, or other growth-inhibiting factors may be present. A significant percentage of the canopy may be shaded or crowded in such a way that it is expected to negatively impact the structural integrity or lifespan of the tree. Risk of full or partial failure in the near future appears to be advanced.

E) Severely Compromised – trees with very poor structure and numerous or severe defects due to growing conditions, historical or recent pruning, mechanical damage, history of limb or trunk failures, advanced and irreparable decay, disease, or severe fire damage. Trees with this rating are in severe, irreparable decline, or are barely alive. Risk of full or partial failures in the near future may be severe.

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ARBORIST DISCLOSURE STATEMENT

Arborists are tree specialists who use their education, knowledge, training and experience to examine trees, recommend measures to enhance the beauty and health of trees, and attempt to reduce the risk of living near trees. Clients may choose to accept or disregard the recommendations of the arborist, or to seek additional advice.

Arborists cannot detect every condition that could possibly lead to the structural failure of a tree. Trees are living organisms that fail in ways we do not fully understand. Conditions are often hidden within trees and below ground. Arborists cannot guarantee that a tree will be healthy or safe under all circumstances, or for a specified period of time. Likewise, remedial treatments, like any medicine, cannot be guaranteed.

Treatment, pruning and removal of trees may involve considerations beyond the scope of the arborist's services such as property boundaries, property ownership, site lines, disputes between neighbors, and other issues. Arborists cannot take such considerations into account unless complete and accurate information is disclosed to the arborist. An arborist should then be expected to reasonably rely upon the completeness and accuracy of the information provided.

Trees contribute greatly to our enjoyment and appreciation of life. Nonetheless, they are subject to the laws of gravity and physiological decline. Therefore, neither arborists nor tree owners can be reasonably expected to warrant unfailing predictability or elimination of risk.

Trees can be managed, but they cannot be controlled. To live near trees is to accept some degree of risk. The only way to eliminate all risk associated with trees is to eliminate all trees.

Risk assessments were neither requested nor performed on any of the trees for this project.

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Education
B.S., Landscape Architecture, California State Polytechnic University, Pomona, 1985
Graduate, Arboricultural Consulting Academy, American Society of Consulting Arborists, Chicago, Illinois, 2002
Graduate, Municipal Forestry Institute, Lied, Nebraska, 2012

Experience
Consulting Arborist, Carlberg Associates, 1998-present
Manager of Grounds Services, California Institute of Technology, Pasadena, 1992-1998
Director of Grounds, Scripps College, Claremont, 1988-1992

Certificates
Certified Arborist (#WE-0575A), International Society of Arboriculture, 1990
Registered Consulting Arborist (#405), American Society of Consulting Arborists, 2002
Certified Urban Forester (#013), California Urban Forests Council, 2004
Certified Tree Risk Assessor (#1028), International Society of Arboriculture, 2011

Areas of Expertise

Ms. Carlberg is experienced in the following areas of tree management and preservation:

- Tree health and risk assessment
- Master Planning
- Tree inventories and reports to satisfy jurisdictional requirements
- Expert Testimony
- Post-fire assessment, valuation, and mitigation for trees and native plant communities
- Value assessments for native and non-native trees
- Pest and disease identification
- Guidelines for oak preservation
- Selection of appropriate tree species
- Planting, pruning, and maintenance specifications
- Tree and landscape resource mapping – GPS, GIS, and AutoCAD
- Planning Commission, City Council, and community meetings representation

Previous Consulting Experience

Ms. Carlberg has overseen residential and commercial construction projects to prevent damage to protected and specimen trees. She has thirty-five years of experience in arboriculture and horticulture and has performed tree health evaluation, value and risk assessment, and expert testimony for private clients, government agencies, cities, school districts, and colleges. Representative clients include:

The Huntington Library and Botanical Gardens
The Los Angeles Zoo and Botanical Gardens
The Rose Bowl and Brookside Golf Course, Pasadena
Walt Disney Concert Hall and Gardens
The Art Center College of Design, Pasadena
Pepperdine University
Loyola Marymount University
The Claremont Colleges (Pomona, Scripps, CMC, Harvey Mudd, Claremont Graduate University, Pitzer, Claremont University Center)
Quinn, Emanuel, Urquhart and Sullivan (attorneys at law)
The City of Claremont
The City of Beverly Hills
The City of Pasadena
The City of Los Angeles
The City of Santa Monica
Santa Monica/Malibu Unified School District
San Diego Gas & Electric
Los Angeles Department of Water and Power
Rancho Santa Ana Botanic Garden, Claremont
Latham & Watkins, LLP (attorneys at law)

Affiliations

Ms. Carlberg serves with the following national, state, and community professional organizations:

- California Urban Forests Council, Board Member, 1995-2006
- Street Tree Seminar, Past President, 2000-present
- American Society of Consulting Arborists Academy, Faculty Member, 2003-2005, 2014
- American Society of Consulting Arborists, Board of Directors, 2013-Present
- Member, Los Angeles Oak Woodland Habitat Conservation Strategic Alliance, 2010-present

Arborist Report

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james@cycarlberg.com • m: 310.924.2246 • www.cycarlberg.com

Education
Graduate, Environmental Horticulture Program, El Camino College, Torrance, California, 2002
Graduate, Hawthorne High School, Hawthorne, California, 1995

Experience
Staff Arborist, Carlberg Associates, 2015-present
Staff Arborist, Approved Tree Care, 2014-2015
Community Forester, Tree Musketeers, 2010-2014
Interior Plant Technician, Reliable Plant Service, 2008-2009
Exterior Plant Technician, Inner Gardens, 2006-2007
Exterior Plant Lead, Rolling Greens Nursery, 2005-2006
Nursery Foreman, Big Seven Nursery, 2001-2003

Certificates
Certified Arborist (#WE-9883A), International Society of Arboriculture, 2012
Environmental Horticulture Certificate, El Camino College, 2002
Certified Tree Risk Assessor, International Society of Arboriculture, 2017

AREAS OF EXPERTISE

Mr. Sanchez is experienced in the following areas of tree management and preservation:

- Tree health assessment
- Tree inventories and reports to satisfy jurisdictional requirements
- Pest and disease identification
- Selection of appropriate tree species
- Planting, pruning, and maintenance specifications
- Working with community and city leaders in large tree planting programs

PREVIOUS CONSULTING EXPERIENCE

Mr. Sanchez has performed tree inventories, health evaluations, and impact analyses for private developers, architects, engineers, and homeowners. He has over 14 years of experience in arboriculture and is trained in environmental horticulture. Representative clients include:

City of Pasadena
City of South Gate
Metropolitan Transit Authority
E & S Ring, Inc.
Hollywood Forever Cemetery
Archdiocese of Los Angeles
City of Signal Hill
Kovac Architects
City of Torrance
Ojai Valley Community Hospital
The Kibo Group
Monte Vista Grove Homes
Google Venice
John Anson Ford Theater
The Village Green, Baldwin Hills
Camp Munz/Mendenhall
Hotel Figueroa
California State University, Long Beach
Pacific Charter School
Mill Creek Development
Los Angeles Unified School District
City of South Gate
Claremont Golf Course
The New Home Company
William Carey University
City of Inglewood
Universal Hilton
Gensler Architects
Marmol Radziner, Architects
Rose Bowl Stadium
Aurora/Signature Health Services
Colfax Charter Elementary School
Highpointe Communities
Snapchat
Los Angeles Football Club
Monte Cedro Senior Living
Southern California Edison
Howard Hughes Center
Katella High School
Square One Homes
EPT Landscape Architecture
Tim Barber, Ltd., Architects

AFFILIATIONS

Mr. Sanchez serves with the following national professional organizations:

- Member in good standing, International Society of Arboriculture, Western Chapter

Carlberg ASSOCIATES

INSERT FULL-SIZE COPY OF
TREE LOCATION EXHIBIT - 5 SHEETS
(24” x 36” – Color)

APPENDIX E

Biological Resources Database Search Results

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Query Criteria: Quad IS (Hollywood (3411813) OR Los Angeles (3411812) OR Inglewood (3311883) OR South Gate (3311882))

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
Agelaius tricolor tricolored blackbird	G2G3 S1S2	None Candidate Endangered	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_EN-Endangered NABCI_RWL-Red Watch List USFWS_BCC-Birds of Conservation Concern	43 43	951 S:1	0	0	0	0	1	0	1	0	0	1	0
Aimophila ruficeps canescens southern California rufous-crowned sparrow	G5T3 S3	None None	CDFW_WL-Watch List	693 693	226 S:1	0	1	0	0	0	0	0	1	1	0	0
Anniella stebbinsi southern California legless lizard	G3 S3	None None	CDFW_SSC-Species of Special Concern USFS_S-Sensitive	45 1,007	102 S:7	0	0	0	5	0	2	7	0	7	0	0
Antrozous pallidus pallid bat	G5 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFS_S-Sensitive WBWG_H-High Priority		415 S:1	0	0	0	0	0	1	1	0	1	0	0
Arenaria paludicola marsh sandwort	G1 S1	Endangered Endangered	Rare Plant Rank - 1B.1 SB_SBBG-Santa Barbara Botanic Garden	100 100	16 S:1	0	0	0	0	1	0	1	0	0	0	1
Arizona elegans occidentalis California glossy snake	G5T2 S2	None None	CDFW_SSC-Species of Special Concern	490 490	260 S:1	0	0	0	0	0	1	1	0	1	0	0
Astragalus brauntonii Braunton's milk-vetch	G2 S2	Endangered None	Rare Plant Rank - 1B.1 SB_RSABG-Rancho Santa Ana Botanic Garden SB_SBBG-Santa Barbara Botanic Garden		44 S:1	0	0	0	0	1	0	1	0	0	1	0
Astragalus tener var. titi coastal dunes milk-vetch	G2T1 S1	Endangered Endangered	Rare Plant Rank - 1B.1 SB_RSABG-Rancho Santa Ana Botanic Garden		6 S:1	0	0	0	0	1	0	1	0	0	1	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
Athene cunicularia burrowing owl	G4 S3	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern USFWS_BCC-Birds of Conservation Concern	280 280	1972 S:1	0	0	0	0	0	1	1	0	1	0	0
Atriplex coulteri Coulter's saltbush	G3 S1S2	None None	Rare Plant Rank - 1B.2 SB_RSABG-Rancho Santa Ana Botanic Garden		102 S:1	0	0	0	0	1	0	1	0	0	0	1
Atriplex serenana var. davidsonii Davidson's saltscale	G5T1 S1	None None	Rare Plant Rank - 1B.2		27 S:2	0	0	0	0	2	0	2	0	0	2	0
Bombus crotchii Crotch bumble bee	G3G4 S1S2	None None		100 200	234 S:4	0	0	0	0	0	4	4	0	4	0	0
California Walnut Woodland California Walnut Woodland	G2 S2.1	None None		520 520	76 S:1	0	0	0	0	0	1	1	0	1	0	0
Calochortus plummerae Plummer's mariposa-lily	G4 S4	None None	Rare Plant Rank - 4.2 SB_RSABG-Rancho Santa Ana Botanic Garden	800 800	230 S:1	0	0	0	0	1	0	1	0	0	1	0
Calystegia felix lucky morning-glory	G1Q S1	None None	Rare Plant Rank - 1B.1	100 100	10 S:2	0	0	0	0	0	2	2	0	2	0	0
Carolella busckana Busck's gallmoth	G1G3 SH	None None		225 225	4 S:1	0	0	0	0	1	0	1	0	0	0	1
Centromadia parryi ssp. australis southern tarplant	G3T2 S2	None None	Rare Plant Rank - 1B.1 SB_RSABG-Rancho Santa Ana Botanic Garden	60 125	87 S:6	0	0	1	0	1	4	5	1	5	0	1
Coccyzus americanus occidentalis western yellow-billed cuckoo	G5T2T3 S1	Threatened Endangered	BLM_S-Sensitive NABCI_RWL-Red Watch List USFS_S-Sensitive USFWS_BCC-Birds of Conservation Concern	70 70	155 S:1	0	0	0	0	1	0	1	0	0	0	1

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
Coturnicops noveboracensis yellow rail	G4 S1S2	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern NABCI_RWL-Red Watch List USFS_S-Sensitive USFWS_BCC-Birds of Conservation Concern	307 307	45 S:1	0	0	0	0	0	1	1	0	1	0	0
Dudleya multicaulis many-stemmed dudleya	G2 S2	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive SB_RSABG-Rancho Santa Ana Botanic Garden USFS_S-Sensitive		154 S:1	0	0	0	0	1	0	1	0	0	1	0
Empidonax traillii extimus southwestern willow flycatcher	G5T2 S1	Endangered Endangered	NABCI_RWL-Red Watch List	280 280	70 S:3	0	0	0	0	0	3	3	0	3	0	0
Eryngium aristulatum var. parishii San Diego button-celery	G5T1 S1	Endangered Endangered	Rare Plant Rank - 1B.1 SB_RSABG-Rancho Santa Ana Botanic Garden		79 S:1	0	0	0	0	1	0	1	0	0	0	1
Eumops perotis californicus western mastiff bat	G5T4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern WBWG_H-High Priority	50 490	296 S:5	0	0	0	0	0	5	5	0	5	0	0
Helianthus nuttallii ssp. parishii Los Angeles sunflower	G5TH SH	None None	Rare Plant Rank - 1A	120 700	7 S:3	0	0	0	0	3	0	3	0	0	0	3
Horkelia cuneata var. puberula mesa horkelia	G4T1 S1	None None	Rare Plant Rank - 1B.1 USFS_S-Sensitive	600 600	103 S:2	0	0	0	0	2	0	2	0	0	1	1
Lasiurus cinereus hoary bat	G5 S4	None None	IUCN_LC-Least Concern WBWG_M-Medium Priority	450 490	238 S:4	0	0	0	0	0	4	4	0	4	0	0
Lasthenia glabrata ssp. coulteri Coulter's goldfields	G4T2 S2	None None	Rare Plant Rank - 1B.1 BLM_S-Sensitive SB_RSABG-Rancho Santa Ana Botanic Garden	160 160	97 S:1	0	0	0	0	1	0	1	0	0	1	0
Lepidium virginicum var. robinsonii Robinson's pepper-grass	G5T3 S3	None None	Rare Plant Rank - 4.3		142 S:1	0	0	0	0	0	1	1	0	1	0	0

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
Microtus californicus stephensi south coast marsh vole	G5T1T2 S1S2	None None	CDFW_SSC-Species of Special Concern	200 300	7 S:2	0	0	0	0	0	2	2	0	2	0	0
Nasturtium gambelii Gambel's water cress	G1 S1	Endangered Threatened	Rare Plant Rank - 1B.1 SB_RSABG-Rancho Santa Ana Botanic Garden SB_SBBG-Santa Barbara Botanic Garden		13 S:1	0	0	0	0	1	0	1	0	0	0	1
Navarretia fossalis spreading navarretia	G2 S2	Threatened None	Rare Plant Rank - 1B.1 SB_RSABG-Rancho Santa Ana Botanic Garden		78 S:1	0	0	0	0	1	0	1	0	0	0	1
Navarretia prostrata prostrate vernal pool navarretia	G2 S2	None None	Rare Plant Rank - 1B.1	40 40	60 S:5	0	0	0	0	5	0	5	0	0	4	1
Nyctinomops femorosaccus pocketed free-tailed bat	G4 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_M-Medium Priority	100 100	90 S:1	0	0	0	0	0	1	1	0	1	0	0
Nyctinomops macrotis big free-tailed bat	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern WBWG_MH-Medium-High Priority	300 300	32 S:1	0	0	0	0	0	1	1	0	1	0	0
Orcuttia californica California Orcutt grass	G1 S1	Endangered Endangered	Rare Plant Rank - 1B.1 SB_RSABG-Rancho Santa Ana Botanic Garden	125 125	37 S:2	0	0	0	0	2	0	2	0	0	0	2
Phacelia stellaris Brand's star phacelia	G1 S1	None None	Rare Plant Rank - 1B.1 SB_RSABG-Rancho Santa Ana Botanic Garden	90 90	15 S:1	0	0	0	0	1	0	1	0	0	1	0
Phrynosoma blainvillii coast horned lizard	G3G4 S3S4	None None	BLM_S-Sensitive CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	60 500	774 S:5	0	0	0	0	5	0	5	0	0	3	2

Summary Table Report

California Department of Fish and Wildlife

California Natural Diversity Database

Name (Scientific/Common)	CNDDB Ranks	Listing Status (Fed/State)	Other Lists	Elev. Range (ft.)	Total EO's	Element Occ. Ranks						Population Status		Presence		
						A	B	C	D	X	U	Historic > 20 yr	Recent <= 20 yr	Extant	Poss. Extirp.	Extirp.
Polioptila californica californica coastal California gnatcatcher	G4G5T2Q S2	Threatened None	CDFW_SSC-Species of Special Concern NABCI_YWL-Yellow Watch List	200 200	830 S:1	0	0	0	0	0	1	1	0	1	0	0
Pseudognaphalium leucocephalum white rabbit-tobacco	G4 S2	None None	Rare Plant Rank - 2B.2		62 S:1	0	0	0	0	0	1	1	0	1	0	0
Ribes divaricatum var. parishii Parish's gooseberry	G5TX SX	None None	Rare Plant Rank - 1A	1,000 1,000	5 S:1	0	0	0	0	1	0	1	0	0	1	0
Riparia riparia bank swallow	G5 S2	None Threatened	BLM_S-Sensitive IUCN_LC-Least Concern		297 S:1	0	0	0	0	1	0	1	0	0	0	1
Sidalcea neomexicana salt spring checkerbloom	G4 S2	None None	Rare Plant Rank - 2B.2 USFS_S-Sensitive		30 S:2	0	0	0	0	1	1	2	0	1	1	0
Southern Sycamore Alder Riparian Woodland Southern Sycamore Alder Riparian Woodland	G4 S4	None None		760 760	230 S:1	0	0	0	0	0	1	1	0	1	0	0
Symphyotrichum defoliatum San Bernardino aster	G2 S2	None None	Rare Plant Rank - 1B.2 BLM_S-Sensitive USFS_S-Sensitive		102 S:2	0	0	0	0	2	0	2	0	0	0	2
Symphyotrichum greatae Greata's aster	G2 S2	None None	Rare Plant Rank - 1B.3 BLM_S-Sensitive		56 S:2	0	0	0	0	2	0	2	0	0	2	0
Taxidea taxus American badger	G5 S3	None None	CDFW_SSC-Species of Special Concern IUCN_LC-Least Concern	280 280	559 S:1	0	0	0	0	0	1	1	0	1	0	0
Vireo bellii pusillus least Bell's vireo	G5T2 S2	Endangered Endangered	IUCN_NT-Near Threatened NABCI_YWL-Yellow Watch List	55 600	483 S:6	0	0	0	0	6	0	6	0	0	6	0
Walnut Forest Walnut Forest	G1 S1.1	None None		700 700	6 S:1	0	1	0	0	0	0	1	0	1	0	0

CNPS California Native Plant Society

Plant List

Inventory of Rare and Endangered Plants

30 matches found. *Click on scientific name for details*

Search Criteria

Found in Quads 3411813, 3411812 3311883 and 3311882;

Modify Search Criteria Export to Excel Modify Columns Modify Sort Display Photos

Scientific Name	Common Name	Family	Lifeform	Blooming Period	CA Rare Plant Rank	State Rank	Global Rank
Arenaria paludicola	marsh sandwort	Caryophyllaceae	perennial stoloniferous herb	May-Aug	1B.1	S1	G1
Astragalus brauntonii	Braunton's milk-vetch	Fabaceae	perennial herb	Jan-Aug	1B.1	S2	G2
Astragalus pycnostachyus var. lanosissimus	Ventura marsh milk-vetch	Fabaceae	perennial herb	(Jun)Aug-Oct	1B.1	S1	G2T1
Astragalus tener var. titi	coastal dunes milk-vetch	Fabaceae	annual herb	Mar-May	1B.1	S1	G2T1
Atriplex coulteri	Coulter's saltbush	Chenopodiaceae	perennial herb	Mar-Oct	1B.2	S1S2	G3
Atriplex serenana var. davidsonii	Davidson's saltscale	Chenopodiaceae	annual herb	Apr-Oct	1B.2	S1	G5T1
Calochortus catalinae	Catalina mariposa lily	Liliaceae	perennial bulbiferous herb	(Feb)Mar-Jun	4.2	S3S4	G3G4
Calochortus plummerae	Plummer's mariposa lily	Liliaceae	perennial bulbiferous herb	May-Jul	4.2	S4	G4
Calystegia felix	lucky morning-glory	Convolvulaceae	annual rhizomatous herb	Mar-Sep	1B.1	S1	G1Q
Camissoniopsis lewisii	Lewis' evening-primrose	Onagraceae	annual herb	Mar-May(Jun)	3	S4	G4
Centromadia parryi ssp. australis	southern tarplant	Asteraceae	annual herb	May-Nov	1B.1	S2	G3T2
Clinopodium mimuloides	monkey-flower savory	Lamiaceae	perennial herb	Jun-Oct	4.2	S3	G3
Convolvulus simulans	small-flowered morning-glory	Convolvulaceae	annual herb	Mar-Jul	4.2	S4	G4
Dudleya multicaulis	many-stemmed dudleya	Crassulaceae	perennial herb	Apr-Jul	1B.2	S2	G2
Helianthus nuttallii ssp. parishii	Los Angeles sunflower	Asteraceae	perennial rhizomatous herb	Aug-Oct	1A	SH	G5TH
Hordeum intercedens	vernal barley	Poaceae	annual herb	Mar-Jun	3.2	S3S4	G3G4
Horkelia cuneata var. puberula	mesa horkelia	Rosaceae	perennial herb	Feb-Jul(Sep)	1B.1	S1	G4T1
Juglans californica	Southern California black walnut	Juglandaceae	perennial deciduous tree	Mar-Aug	4.2	S3	G3

Lasthenia glabrata ssp. coulteri	Coulter's goldfields	Asteraceae	annual herb	Feb-Jun	1B.1	S2	G4T2
Lepidium virginicum var. robinsonii	Robinson's pepper-grass	Brassicaceae	annual herb	Jan-Jul	4.3	S3	G5T3
Nasturtium gambelii	Gambel's water cress	Brassicaceae	perennial rhizomatous herb	Apr-Oct	1B.1	S1	G1
Navarretia fossalis	spreading navarretia	Polemoniaceae	annual herb	Apr-Jun	1B.1	S2	G2
Navarretia prostrata	prostrate vernal pool navarretia	Polemoniaceae	annual herb	Apr-Jul	1B.1	S2	G2
Orcuttia californica	California Orcutt grass	Poaceae	annual herb	Apr-Aug	1B.1	S1	G1
Phacelia hubbyi	Hubby's phacelia	Hydrophyllaceae	annual herb	Apr-Jul	4.2	S4	G4
Phacelia stellaris	Brand's star phacelia	Hydrophyllaceae	annual herb	Mar-Jun	1B.1	S1	G1
Pseudognaphalium leucocephalum	white rabbit-tobacco	Asteraceae	perennial herb	(Jul)Aug-Nov(Dec)	2B.2	S2	G4
Sidalcea neomexicana	salt spring checkerbloom	Malvaceae	perennial herb	Mar-Jun	2B.2	S2	G4
Symphyotrichum defoliatum	San Bernardino aster	Asteraceae	perennial rhizomatous herb	Jul-Nov(Dec)	1B.2	S2	G2
Symphyotrichum greatae	Greata's aster	Asteraceae	perennial rhizomatous herb	Jun-Oct	1B.3	S2	G2

Suggested Citation

California Native Plant Society, Rare Plant Program. 2018. Inventory of Rare and Endangered Plants of California (online edition, v8-03 0.39). Website http://www.rareplants.cnps.org [accessed 24 October 2018].

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rareplants@cnps.org

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United States Department of the Interior

FISH AND WILDLIFE SERVICE
Carlsbad Fish And Wildlife Office
2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385
Phone: (760) 431-9440 Fax: (760) 431-5901
http://www.fws.gov/carlsbad/

In Reply Refer To: October 24, 2018
Consultation Code: 08ECAR00-2019-SLI-0127
Event Code: 08ECAR00-2019-E-00313
Project Name: Ascot Elementary School Comprehensive Modernization Project

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, and proposed species, designated critical habitat, and candidate species that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Carlsbad Fish And Wildlife Office
2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385
(760) 431-9440

Project Summary

Consultation Code: 08ECAR00-2019-SLI-0127

Event Code: 08ECAR00-2019-E-00313

Project Name: Ascot Elementary School Comprehensive Modernization Project

Project Type: DEVELOPMENT

Project Description: This project is located at Ascot Elementary School in Los Angeles, CA, in support of upgrading LAUSD facilities within 5.3 acres of school property.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/place/34.0031727541551N118.24885089252277W

Counties: Los Angeles, CA

Endangered Species Act Species

There is a total of 1 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

---

1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Birds

NAME	STATUS
Coastal California Gnatcatcher *Polioptila californica californica* There is **final** critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8178	Threatened

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

APPENDIX F

Geotechnical Study

PRELIMINARY GEOTECHNICAL AND GEOLOGICAL ENGINEERING INVESTIGATION REPORT

ASCOT AVENUE ELEMENTARY SCHOOL MODERNIZATION
1447 EAST 45th STREET
LOS ANGELES, CALIFORNIA 90011

Draft

PREPARED FOR:
LOS ANGELES UNIFIED SCHOOL DISTRICT
333 S. BEAUDRY AVENUE, 22ND FLOOR
LOS ANGELES, CA 90017

PREPARED BY:
KOURY ENGINEERING & TESTING, INC.
14280 EUCLID AVENUE
CHINO, CALIFORNIA 91710

PROJECT NO. 17-0172
MAY 31, 2017

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Draft

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Draft

May 31, 2017
Project No.17-0172

Los Angeles Unified School District
333 South Beaudry Avenue, 22nd Floor
Los Angeles, California 90017

Attention: Mr. Peyman Soroosh Moghadam

SUBJECT: Preliminary Geotechnical and Geological Engineering Investigation
Ascot Avenue Elementary School Modernization
1447 East 45th Street
Los Angeles, CA 90017

Draft

1. INTRODUCTION

This report presents the results of a preliminary Geotechnical and Geological Engineering Investigation performed by Koury Engineering & Testing, Inc. (Koury) for the proposed improvements at the Ascot Avenue Elementary School located at 1447 East 45th Street, Los Angeles, California. The study was performed to evaluate the subsurface soil conditions in the areas of the proposed improvements in order to provide geotechnical recommendations for design and construction. This report includes our geotechnical recommendations for the design and construction of one classroom with basement building, one parking structure with a subterranean level, and modernization/seismic retrofitting of two buildings and associated improvements.

The recommendations provided within this submittal are based on the results of our field exploration, laboratory testing and engineering analyses. Our services were performed in general accordance with our revised Proposal No. 17-0172, dated April 3, 2017.

Our professional services have been performed using the degree of care and skill ordinarily exercised, under similar circumstances, by reputable geotechnical consultants practicing in this or similar localities. No other warranty, expressed or implied, is made as to the professional advice included in this report. This report has been prepared exclusively for Los Angeles Unified School District and their consultants for the subject project. The report has not been prepared for use by

other parties, and may not contain sufficient information for the purposes of other parties or other uses.

2. SITE CONDITIONS

The project site is located approximately 1.9 miles east of the 110 Freeway and 1.5 miles south of the 10 Freeway. The Ascot Avenue Elementary School is bounded by East Vernon Avenue on the north, Ascot Avenue on the west, Israel Missionary Baptist Church and residential properties on the south and Compton Avenue on the east. A Site Vicinity Map with approximate ground contour elevations is presented in Appendix A as Figure A-1.

The Ascot Avenue Elementary School is an active school with a fully developed campus. The two main buildings, which will be renovated are located near the center of the campus and are surrounded with paved areas. The new classroom building and parking structure will be located in the western portion of the campus between the existing main building and Ascot Avenue; this area is presently paved and is being used as a playground. This playground on the west side of the school measures about 200 to 310 feet in the east-west direction and approximately 280 feet in the north-south direction and is paved with asphalt concrete except for a rectangular lawn/turf area measuring about 75 by 95 feet and some planters along Ascot Avenue. There is also a few areas playground equipment that do not have asphalt pavement. The asphalt pavement is generally in a deteriorated condition.

The site generally slopes gently to the southwest between about elevations 194 and 198 feet (NAVD88). There are some retaining walls that support the kindergarten playground area adjacent to Compton Avenue. The lowest area of the site appears to be in the vicinity of the lawn/turf adjacent to Ascot Avenue. Drainage of the site is generally by sheet flow to the south and west.

3. PROPOSED IMPROVEMENTS

Koury understands the Los Angeles Unified School District plans to perform extensive modernization at Ascot Avenue Elementary School, including seismic retrofitting of the Main Building and the adjacent Administration/Classroom Building. In addition, a Classroom with basement and a Parking Structure with a subterranean level is anticipated to be constructed between the Main Building and Ascot Avenue. The project may also include construction of

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retaining walls and various flatworks. The exact locations of the proposed buildings and other improvements were not available for the preparation of this report. Architectural and structural design drawings and footprint areas for the proposed buildings were also not available for the preparation of this report. For the purpose of this report we assumed column loads not exceeding 200 kips and wall loads less than 5 kips per lineal foot for the parking structure and 100 kips maximum column loads along with wall loads not exceeding 4 kips per lineal foot for the proposed classroom building.

4. FIELD EXPLORATION

The field exploration program consisted of drilling twelve soils test borings on April 11 through April 14, 2017 using a truck-mounted hollow-stem auger drill rig. The borings were drilled to depths between about 21½ and 61½ feet below the existing ground surface. The locations of the borings are shown on the Boring Location Map, Figure A-2, Appendix A. Standard penetration test samples, California ring samples and bulk samples were obtained from the borings for laboratory testing. The depths, blow counts, and description of the samples are shown on the attached boring logs presented in Appendix B of this report. The contractor used a 140-lbs automatic hammer to drive the samplers 18 inches into the soils.

5. LABORATORY TESTING

Laboratory tests, including moisture content, dry unit weight, #200 sieve wash, gradation, direct shear, pocket penetrometer and consolidation were performed to aid in the classification of the materials encountered and to evaluate their engineering properties. Sulfates, chlorides, resistivity, and PH tests (corrosivity tests) were also performed on selected samples. The results of pertinent laboratory tests are presented on the boring logs in Appendix B, and/or in Appendix C.

6. SOILS CONDITIONS

The subsurface soil profile consists of fill underlain by alluvial deposits. The fill depth was found to range between about 2½ and 7 feet at the boring locations. Deeper fill may be encountered at utility locations, or at other locations between and beyond our borings (see Cross Section 1-1' in Appendix A for generalized soil profile). Except for one location where grass was present, hardscape consisting of asphalt or concrete was encountered at the boring locations. About 2 to 3

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inches of asphalt concrete (average 2.6”) over 2 to 7 inches of aggregate base (average 4.9”) were encountered at the boring locations. Portland cement concrete (2 to 3-inch thick) was encountered at the surface of two borings.

The fill generally consists of loose to medium dense silty sand. Strata of clayey sand and sandy clay were encountered in Boring B-3. Minor amount of construction debris was encountered in some borings. The underlying alluvium consists predominantly of alternating layers of silty sand, poorly graded sand with silt and sandy silt. Localized strata of sandy clay, clayey sand and poorly graded sand layers were also encountered.

The sands encountered in the borings are generally slightly moist. The moisture contents of the sand generally range from about 2 to 15½ percent with an average of about 6½ percent. The silt and clay are generally slightly moist with moisture contents ranging between approximately 3 and 20½ percent with an average of about 14 percent.

Our #200 sieve wash tests indicated that the fines contents of silty sand and clayey sand generally range from 13 to 46 percent with an average of about 27½ percent. The fines contents of poorly graded sand with silt range from 5 to 12 percent with an average of about 7 percent. The fines contents of silt and clay vary from about 50 to 74 percent with an average of about 58 percent.

The dry unit weights of sand and silty sand range from about 95 to 116 pcf with an average of approximately 106 pcf. The silt and clay have dry unit weights ranging from 99 to 116 pcf with an average of about 110 pcf.

The consolidation tests indicated slight collapse (0.5% or less) upon addition of water except for one sample obtained from Boring B-12 at a depth of 6 feet, which indicated 1.7 % of collapse. Gradation test results show that the sand is generally fine to medium grained. The direct shear tests indicated peak friction angles of about 26½ and 30 degrees and ultimate friction angles of about 27 and 31 degrees, respectively. The corresponding values for cohesion are about 168 and 368 psf for peak and 64 and 156 psf for ultimate.

Pocket penetrometer test results indicate unconfined compressive strengths of soil between about 1.5 and 4.5 tsf with an average of about 3.5 tsf.

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Variations in the soil conditions as well as detailed descriptions are indicated on the attached boring logs in Appendix B. The soil conditions described in this report are based on the soils observed in the test borings drilled for this investigation and the laboratory test results. Variations between and beyond the borings should be anticipated.

7. GROUNDWATER

The project site is located at approximate elevations between 194 and 198 feet (NAVD88). At the time of drilling, no groundwater was encountered in our exploratory borings drilled to a maximum depth of 61½ feet. Based on the "Seismic Hazard Zone Report 029 for the Los Angeles Quadrangle", published by the California Department of Conservation, Division of Mines and Geology (1998), the historic high groundwater level is at the depth of about 60 feet below ground surface. Therefore, considering the type of the proposed development and expected depth of excavation, it is unlikely that groundwater will be encountered during the course of construction for the proposed improvements unless deep pile foundations are used to support the buildings.

8. SITE GEOLOGY

The site is located within the Los Angeles physiographic basin. The Los Angeles basin is bounded on the north by the Santa Monica and San Gabriel Mountains, on the east and southeast by the Santa Ana Mountains and the San Joaquin Hills, and on the west and south by the Pacific Ocean. The Los Angeles basin represents a down-warped block of basement rock overlain by approximately 31,000 feet of sediment.

The Los Angeles physiographic basin is part of the Peninsular Ranges Geomorphic Province. The Peninsular Ranges extend north to the San Gabriel Mountains and south into Mexico to the tip of Baja California. The Peninsular Ranges Province is characterized by alluviated basins, elevated erosion surfaces, and northwest-trending mountain ranges bounded by northwest trending faults.

According to Dibblee (1989), the site is underlain by young alluvial deposits consisting of unconsolidated floodplain deposits of silt, sand and gravel of Holocene age. Such deposits were confirmed by Yerkes and Campbell (2005) as shown on Figure A-3. The borings drilled during our

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investigation in April, 2017 encountered alluvium materials with similar characteristics, although little gravel was encountered.

9. OIL WELL

The State of California Department of Conservation, Division of Oil, Gas and Geothermal Resources, indicates that Ascot Avenue Elementary School is not located within a named oil field; however, it is surrounded by several oil fields. The nearest plugged oil well is located about 2.1 miles northwest of the site (Figure A-8, in Appendix A). The nearest dry hole is located about 1.3 miles northeast of the site and the nearest active injector well is located about 2.4 miles away.

During our subsurface exploration, we did not observe hazardous or toxic materials within the boring holes to the maximum depth of 61½ feet explored. No hazardous materials associated with oil fields are anticipated at the proposed building locations.

10. SEISMIC CONSIDERATIONS

10.1. General

Ascot Avenue Elementary School, like the rest of Southern California, is located within a seismically active region as a result of being located near the active margin between the North American and Pacific tectonic plates. The principal source of seismic activity is movement along the northwest-trending regional faults such as the San Andreas, San Jacinto, Newport-Inglewood and Whittier-Elsinore fault zones.

By definition of the California Geological Survey (CGS), an active fault is one which has had surface displacement within the Holocene Epoch (roughly the last 11,000 years). The CGS has defined a potentially active fault as any fault which has been active during the Quaternary Period (approximately the last 2,000,000 years). These definitions are used in delineating Earthquake Fault Zones as mandated by the Alquist-Priolo Geologic Hazard Zones Act of 1972 and as subsequently revised in 1997 as the Alquist-Priolo Earthquake Fault Zones. The intent of the act is to require fault investigations on sites located within Special Studies Zone to preclude new construction of certain inhabited structures across the trace of active faults. The subject site is not located within an Alquist-Priolo Earthquake Fault Zone. Probably the most important fault to the

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site from a seismic shaking standpoint is the northwest trending Newport-Inglewood Fault, located approximately 5¾ miles southwest of the site. The nearest segment of the Hollywood Fault is located approximately 7½ miles north of the site, (see Figure A-4, Appendix A).

Based on the information available at this time, it is our opinion that a Mw6.5 earthquake may occur on the Hollywood Fault and a Mw7.2 earthquake may occur on the Newport-Inglewood Fault. Large earthquakes could occur on other faults in the general area, but because of their greater distance and/or lower probability of occurrence, they are less important to the site from a seismic shaking standpoint.

Due to the proximity of the site to the Newport-Inglewood Fault and the Hollywood Fault, near field effects from strong ground motion associated with a large earthquake along this fault may occur at the site. These near field effects, including "fling" and directivity of strong ground motion, may result in significantly higher accelerations at the site.

According to the EQSEARCH program, within a search radius of 60 miles, about 65 earthquakes of magnitude 5 or greater have been recorded up to the year 2000. Within that same period, there are records of 12 earthquakes of magnitude 6 or greater, 5 earthquakes of magnitude 6.5 or greater and 3 earthquakes of magnitude 7 or greater within the same search area. The largest and nearest earthquake from the site was reported to have occurred in 1812 at a location about 43 miles from the site. Using the attenuation relationship of Campbell and Bozorgnia for alluvium (1997), the highest acceleration at the site could have been on the order of 0.275g. A summary of the earthquakes with magnitudes 5 and greater is attached in Appendix D.

There are several seismic recording stations within the area surrounding the site. Some of these stations have been recording seismic activities since 1999. A map showing the recording stations relative to the site is presented in Appendix D. Based on the stations located within the site vicinity, the highest acceleration at the site during the recording period could have been on the order of 0.1g. During that recording period, the higher seismic ground acceleration near the site would have come from the Mw4.2 earthquake of West Hollywood on September 9, 2001.

10.2. Landsliding

The site is not located in a Landslide Hazard Zone on the State of California Seismic Hazard Zones Map (Figure A-5 in Appendix A). No evidence for landsliding was observed on or in the immediate

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vicinity of the site at the time of our field exploration. Based on topographic conditions, landsliding is not considered a potential hazard at the site.

10.3. Liquefaction

Liquefaction may occur when saturated, loose to medium dense, cohesionless soils are densified by ground shaking or vibrations. The densification results in increased pore water pressures if the soils are not sufficiently permeable to dissipate these pressures during and immediately following an earthquake. When the pore water pressure is equal to or exceeds the overburden pressure, liquefaction of the affected soil layers occurs. For liquefaction to occur, three conditions are required:

- Ground shaking of sufficient magnitude and duration;
- Groundwater level at or above the level of the susceptible soils during the ground shaking; and
- Soils that are susceptible to liquefaction.

The Liquefaction Hazards zone on the State of California Seismic Hazards Zones Map (Figure A-5 in Appendix A) indicates that the site is not located in a liquefaction susceptibility zone. Due to the absence of shallow groundwater, it is our opinion that the potential for liquefaction is remote. However, some seismic dry settlement may occur in the upper loose to medium dense sand due to the anticipated seismic shaking.

For seismic dry settlement evaluation, we calculated an earthquake magnitude of 6.7Mw from a seismic-hazard deaggregation for a 2450-year return period and a magnitude 6.5Mw for a 475-year return period. Our analysis also utilized a site acceleration of 0.755g (PGA_M) obtained from the USGS Design Maps Summary Report for the 2450-year return period and 0.45g for a 475-year return period. The seismic settlement calculations were performed for Borings B-6 and B-11, which are the deepest borings for the new buildings and for B-12 for the seismic retrofit. The SPT tests were performed with an automatic hammer and unlined SPT samplers. Using the LiquifyPro software, we calculated dry settlements on the order of 1¼ inches for borings B-6 and B-11 and less than ¾ inch for Boring B-12 for seismic retrofit (475-years return period). Considering the recommendations in Section 7.66 of the SCEC Guidelines for Implementation of SP 177 and our

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total seismic settlement calculations, it is our opinion that a differential settlement on the order of ¾ inch in 40 feet should be considered for the design seismic event. The software utilized for the seismic settlement calculations computes automatically the dry settlement for all layers with a safety factor less than 1.3, as required by CGS Note 48.

10.4. Tsunamis and Seiches

The site is located at an average elevation (NAVD88) of approximately 196 feet and 12 miles away from the coastline. There is no mapped major reservoir in the immediate vicinity and upslope of the site. Therefore, tsunamis and seiches are not considered to be potential hazards.

11. FLOODING

The site does not lie within a 500-year flood zone as shown on the FEMA Flood Map # 06037C1638F, effective date September 26, 2008 (Figure A-6, Appendix A). Based on data from the County of Los Angeles; however, the site is within inundation areas for the Hansen and Sepulveda dams. Flooding is not considered a high potential hazard to the site provided these dams are well maintained and monitored.

12. COLLAPSIBLE SOILS

Soils prone to collapse are generally young and deposited by flash floods and wind. Our laboratory tests, generally indicated slight collapse (<0.5%) except for a sample from Boring B-12 at a depth of 6 feet, which indicated 1.7% collapse. Overerexcavation and recompaction, and appropriate drainage are recommended to mitigate the potential for hydrocollapse.

13. CONCLUSIONS AND RECOMMENDATIONS

13.1. General

In our opinion, the planned improvements are feasible from a geotechnical engineering point of view provided the geotechnical recommendations presented in this report are followed. The main concerns from a geotechnical standpoint are the presence of fill and loose alluvium at shallow depth.

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The following sections contain geotechnical recommendations for the design and construction of the proposed improvements and include our recommendations and discussions about bearing capacity, settlement, flatwork, slabs-on-grade, temporary excavations, and utility trenches. It is recommended that a formal review of foundation plans be performed by our office, when plans become available, to verify the applicability of the recommendations contained herein.

13.2. Grading

13.2.1. Building Pads

The thickness of undocumented fill encountered at the boring locations ranges from approximately 2½ to 7 feet. We recommend removing all undocumented fills within the proposed buildings and other structure areas. The thickness of undocumented fill should be verified at the time of grading.

Any existing pavement, foundation, vegetation, abandoned underground utilities and other debris should be removed from the proposed building areas. The depth of overexcavation will depend upon the type of foundation selected, and if the buildings are founded at grade or if they have a basement since the competency of the soils increase with depth. For buildings founded at grade, we recommend overexcavation 10 feet below the existing grade or 8 feet below the proposed footings, whichever is greater. Where feasible, the overexcavation should extend laterally at least 8 feet beyond the building perimeters. For buildings with a 10-foot deep basement, the overexcavation should extend at least 3 feet below the basement slab and 2½ feet below the footing bottoms, whichever is greater. The overexcavation for the basement footings should extend laterally at least 2½ feet beyond the footings except for the basement perimeter where the lateral overexcavation outside the basement may be limited to 18 inches.

Following geotechnical approval, the bottom of the removal excavations should be scarified to a depth of 10 inches, moisture conditioned and recompacted to at least 93% relative compaction as determined by ASTM D1557. All sand fill placed below the building areas should be compacted to at least 95% relative compaction at a moisture content within 2½ percent of optimum unless approved otherwise by the Geotechnical Consultant at the time of construction. No clay soils should be placed below the building areas.

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13.2.2. Exterior Flatwork and Pavement Areas

Similarly to the building footprint area, all abandoned utilities should be removed and the excavations should be backfilled with engineered fill. We recommend the placement of at least 24 inches of new engineered fill for the subgrade of all new non-structural flatwork unless indicated otherwise by the Geotechnical Engineer at the time of construction. Except for vehicular pavement areas, all fill outside the structure areas should be compacted to at least 93% relative compaction at moisture content within 2½ percent of optimum, except as indicated otherwise at the time of construction.

Prior to fill placement, the subgrade should be scarified to a depth of 8 inches, moisture conditioned and recompacted. Within pavement areas, the upper 12 inches of subgrade should be compacted to at least 95% relative compaction.

13.2.3. General Grading Requirements

1. All fills, unless otherwise specifically stated in the report, should be compacted to at least 95 percent of the maximum dry density as determined by ASTM D 1557 Method of Soil Compaction.

2. No fill should be placed until the area to receive the fill has been adequately prepared and approved by the Geotechnical Consultant or his representative.

3. Fill soils should be kept free of debris and organic material.

4. Rocks or hard fragments larger than 2 inches may not be placed in the fill below buildings or foundations and within one foot of finished subgrade for exterior flatwork without approval of the Geotechnical Consultant or his representative, and in a manner specified for each occurrence. All rock fragments should be dispersed and mixed within the sand matrix to avoid rock concentrations. If encountered, oversize materials should be disposed outside the structural fill and flatwork areas at the locations designated by the District representative.

5. The fill material should be placed in lifts which, when loose, should not exceed 8 inches per lift. Each lift should be spread evenly and should be thoroughly mixed during the spreading operation to obtain uniformity of material and moisture.

6. When the moisture content of the fill material is too low to obtain adequate compaction or is outside the specified range, water should be added and thoroughly dispersed until the soil has a moisture content within 2½ percent of optimum moisture content for sand and 1½ percent above optimum for silt.

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7. When the moisture content of the fill material is too high to obtain adequate compaction or is outside the specified range, the fill material should be aerated by blading or other satisfactory methods until the soil has a moisture content as specified herein.

8. Due to anticipated high ground shaking and the nature of the onsite soils, permanent fill and cut slopes supporting flatwork or structures should not be constructed at gradients steeper than 2:1(H:V) to heights up to 5 feet and at 2.5:1(H:V) for heights from 5 to 10 feet.

13.3. Fill Materials

13.3.1. Onsite Materials

The onsite shallow sand encountered in the borings are considered to have a relatively low expansion potential. Except for the topsoil, the soils are considered suitable for backfilling purposes provided they are free of deleterious and oversize materials. Import materials may be used for backfilling purpose. The imported materials being used for backfilling should have a low expansion potential (EI less than 20), and should be in compliance with the specifications of this report.

Overexcavation and re-compaction will induce fill shrinkage. Many factors such as mixing, relative compaction of the fill, and topographic approximations will affect shrinkage. We cannot estimate the exact amount of shrinkage; however, in our opinion, the shrinkage may be on the order of 10 to 18 percent for existing soils excavated and recompacted to 95 percent relative compaction. This estimate does not include the material that will be required to fill in the excavations after the removal of topsoil and any subsurface structures from the prior use of the site.

13.3.2. Import

Import materials should contain sufficient fines (binder material) so as to be relatively impermeable and result in a stable subgrade when compacted. The imported materials should have an expansion index (EI) less than 20 and should be free of organic materials, debris, and cobbles larger than 3 inches with no more than 35% passing the # 200 sieve. A bulk sample of potential import material, weighing at least 35 pounds, should be submitted to the Geotechnical Consultant at least 48 hours before fill operations. Other than aggregate base and bedding sand, all proposed import materials should be tested for corrosivity, should be environmentally cleared from

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contamination and should be approved by the Geotechnical Consultant prior to being imported onsite.

13.4. Temporary Excavations

Temporary excavations adjacent to un-surcharged areas are anticipated to be stable vertically to a depth up to about 4½ feet in fill and alluvium. The shallow undisturbed site soils are expected to be temporarily stable when excavated at a gradient of 1¼:1 (H: V) for excavations that are between 4½ and 7 feet in height and un-surcharged. For deeper excavations, up to a depth of 10 feet, we recommend a gradient no steeper than 1½:1 (H: V) unless shoring is used.

The top of slopes should be barricaded to prevent vehicles and storage loads within 6 feet of the tops of the slopes or ½ the excavation depth, whichever is greater. A greater setback may be necessary when considering heavy vehicles, such as concrete trucks and cranes; we should be advised of such heavy vehicle loadings so that specific setback requirements can be established. When excavating adjacent to existing footings or building supports, proper means should be employed to prevent any possible damage to the existing structures. Un-shored excavations should not extend below a 1:1 (H:V) plane extending downward from the lower edge of adjacent footings and should start at least two feet away from the footings. Where there is insufficient space to slope back an excavation, shoring may be required. All regulations of State and Federal OSHA should be followed. Some sloughing and caving of excavations may occur.

Temporary excavations are assumed to be those that will remain un-shored for a period of time not exceeding two weeks. In dry weather, the excavation slopes should be kept moist, but not soaked. If excavations are made during the rainy season (normally from November through April), particular care should be taken to protect slopes against erosion. Mitigative measures, such as installation of berms, plastic sheeting, or other devices, may be warranted to prevent surface water from flowing over or ponding at the top of excavations.

13.5. Shoring

Shoring may be required for basement excavations adjacent to existing facilities. The most common method of shoring, and likely the most practical method for the site, consists of placing steel beams in drilled holes, and then backfilling with concrete and/or slurry, depending on the

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design employed. The soldier piles may be designed either as cantilever (15 feet maximum height), or may be laterally braced utilizing raker braces. The contractor should be responsible for shoring.

Drilled cast-in-place soldier piles should be placed no closer than 2½ diameters on center. The minimum diameter of the soldier piles should be 18 inches. Depending on the design, structural concrete may be used below the excavation, and lean-mix (1½ sack per cubic yard) concrete may be used above that level.

For design purposes, allowable passive pressure values for the soils below the bottom plane of excavation may be assumed to be 200 pounds per square foot per foot of depth, respectively, up to a maximum of 2,000 pounds per square foot. These values may be increased by 100 percent for isolated soldier piles spaced at least 3 diameters on center. To develop the full lateral resistance value, provisions should be implemented to assure firm contact between the soldier piles and the undisturbed soils.

The portion of soldier piles below the plane of excavation may also be employed to resist the downward loads. The downward capacity may be determined using a frictional resistance of 300 pounds per square foot.

For level ground condition, a triangular distribution of lateral earth pressure of 35 psf/foot may be utilized for the design of a cantilevered shoring system not exceeding 15 feet in height.

A trapezoidal distribution of lateral earth pressure of 24H psf for level ground, where H is the retained height in feet, may be utilized where shoring is to be restrained by rakers or internal bracing. These uniform pressure distributions may be assumed over the sixth tenth of the wall height; the pressures should taper to zero at the base and the top of the excavation. Surcharge loads occurring as a result of vehicular traffic, and any surcharge loading imposed by any other adjacent loading or structures should be added to the above pressure for the design of the proposed shoring system. For vehicular surcharge, the upper 10 feet of shoring adjacent to access road traffic should resist an additional uniform lateral pressure of 100 pounds per square foot, acting as a result of an assumed 300 pounds per square foot traffic surcharge. If the traffic is kept back at

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least 10 feet or 0.6 times the height of shoring, whichever is the greater distance from the shoring, the traffic surcharge may be neglected.

Soldier piles or rakers should be designed for the full anticipated pressures. Due to arching in the soils, the pressure on the lagging will be less. It is recommended that the lagging be designed for the full design pressure but be limited to a maximum of 400 pounds per square foot. If lagging is to be left in place, treated lumber should be used. Voids between the soil and lagging should be grouted as necessary to mitigate the potential for the voids to propagate. The shoring should be designed by a Civil Engineer registered in the state of California.

It is difficult to accurately predict the amount of deflection of a shored excavation. It should be realized that some deflection will occur. It is recommended that the shoring be designed for a maximum horizontal deflection of no more than ½ inch if foundations are being supported. If greater deflection occurs during construction, additional bracing may be necessary to reduce earth movement in adjacent areas. If desired to reduce the deflection, a greater active retaining pressure should be used in the shoring design.

Some means of monitoring the performance of the shoring system is suggested. The monitoring should consist of periodic surveying of the lateral and vertical locations of the tops of all soldier piles, and the lateral movement along the entire lengths of selected soldier piles.

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13.6. Floor Slabs

13.6.1. General

The grading recommendations for the new building floor slabs on grade are provided in Section 13.2.1. The building floor slabs on grade, as a minimum, should have a nominal thickness of 5 inches and should contain as a minimum No. 4 bars spaced a maximum of 16 inches on centers, in both directions. It is recommended that the compacted subgrade be moistened prior to casting floor slabs. Thicker slabs and additional reinforcement may be required depending on the floor loads and the structural requirements as determined by the Structural Engineer.

13.6.2 Moisture Sensitive Floor Covering

Water vapor transmitted through floor slabs is a common cause of floor covering problems. In areas where moisture-sensitive floor coverings (such as tile, hardwood floors, linoleum or

carpeting) are planned, a vapor retarder should be installed below the concrete slab to reduce excess vapor transmission through the slab.

The function of the recommended relatively impermeable membrane (vapor retarder) is to reduce the amount of soil moisture or water vapor that is transmitted through the floor slab. The membrane should be at least 10-mil thick, Class A, and care should be taken to preserve the continuity and integrity of the membrane beneath the floor slab (a 15-mil membrane is preferred to prevent damage during construction). At least 4 inches of free draining gravel or coarse sand, with no more than 2 percent passing the ASTM No. 200 sieve, should be placed below the vapor retarder to serve as a capillary break. The gravel or sand layer should be vibrated in place to achieve a minimum of 93% relative compaction per ASTM D1557. The gradation for the free draining material should conform to the requirements for No. 4 Concrete Aggregates as specified in Section 200-1.4 of the Standard Specifications for Public Works Construction (Greenbook).

Another factor affecting vapor transmission through floor slabs is the water to cement ratio in the concrete used for the floor slab. A high water to cement ratio increases the porosity of the concrete, thereby facilitating the transmission of water vapor through the slab. The project Structural Engineer should provide recommendations for design of concrete for footings and floor slabs in accordance with the latest version of the applicable codes. We recommend a concrete strength of at least 3500 psi with a water cement ratio not exceeding 0.5. The placement of sand above the vapor retarder is the purview of the Structural Engineer.

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13.7. Seismic Coefficients

Under the Earthquake Design Regulations of Chapter 16A, Section 1613A of the CBC 2016, and based on the mapped values, the coefficients and factors presented in Table 1 were calculated using the USGS web site (Figure A-7, Appendix A).

Table 1 – Seismic Coefficients and Factors

Site Class (CBC 2016 – 1613A.3.2)	D
Seismic Design Category based on Occupancy Category III (CBC 2016-1604A.5 &1613A.3.5)	D
Mapped Acceleration Parameter for Short Period (0.2 Second), S_S	2.046
Mapped Acceleration Parameter for 1.0 Second, S_1	0.722
Adjusted Maximum Spectral Response Parameter for Short Period (0.2 Second), S_{MS}	2.046
Adjusted Maximum Spectral Response Parameter for 1.0 Second Period, S_{M1}	1.083
Design Spectral Response Acceleration Parameter, S_{DS}	1.364
Design Spectral Response Acceleration Parameter, S_{D1}	0.722
Peak Ground Acceleration (PGA_M)	0.755

Project Site Coordinates: Longitude: W118.2488º Latitude: N34.0032º (WGS84)

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The site class is determined in accordance with ASCE 7 Chapter 20 using shear wave velocity, SPT blow count or undrained shear strength. For a site to be classified as Site Class D the weighted average SPT blow count should be between 15 and 50 and the average weighted undrained shear strength should be between 1,000 and 2,000 psf within the upper 100 feet of soil. The SPT blow count test results presented on the boring logs indicate that the requirements for Class D are met.

13.8. Shallow Foundations

General: For the purpose of preparing this report, we assumed that the proposed parking structure will impose column loads of about 200 kips or less and continuous wall loads of about 5 kips per lineal foot or less and other buildings will have maximum column loads of 100 kips and wall loads of 4 kips per lineal foot or less. The recommendations for preparation of the subgrade underlying the footings are provided in the "Earthwork" section of this report. The Structural Engineer should design foundations and floor slabs in accordance with the requirements of the applicable building code.

As requested, we have considered three different types of foundations to support the new structures, namely: continuous and isolated footings, mat foundations and piles. We have also considered two cases with footing support; structures with basement/subterranean level and with foundation at grade.

Footings should have a minimum width of 2 feet for isolated footings and 1.5 feet for continuous footings. The bottom of building footings should be located at least 24 inches below the lowest adjacent finish grade, and reinforcement should consist of a minimum of two No.5 bars, top and bottom or equivalent as determined by the Structural Engineer.

The proposed structures may be supported on isolated and/or strip footings designed using a net allowable bearing pressure of 2,500 pounds per square foot (psf) for footings supported on at least 8 feet of engineered fill with at least 10 feet of overexcavation below the existing grade and on at least 2½ feet engineered fill where a 10-foot deep basement is constructed. All footings should be embedded at least 2 feet below the lowest adjacent grade. A one-third increase in the bearing value may be used when considering wind or seismic loads. In the event of new footings located immediately adjacent to an existing footing, we recommend to reduce the bearing pressure of the new footing by 30 percent. The bottom elevation of the new footing should be located within one foot of the bottom of the existing footing.

Minor footings may be required for low height exterior walls (3½ feet or less) or other small ancillary structures. These footings should be supported on at least 3½ feet of new engineered fill and should be embedded at least 18 inches. A vertical bearing pressure of 1,500 psf may be used for these footings.

Lateral Resistance: Lateral load resistance may be derived from passive resistance along the vertical sides of the foundations, friction acting at the base of the foundations, or a combination of the two. A coefficient of friction of 0.35 may be used between the footings, floor slabs, and the supporting soils comprised of compacted sand. The passive resistance of level properly compacted fill soils in direct contact with the footings may be assumed to be equal to the pressure developed by a fluid with a density of 200 pcf, to a maximum pressure of 2,000 psf. A one-third increase in the passive value may be used for wind or seismic loads. The frictional resistance and the passive resistance of the soils may be combined provided that the passive resistance is reduced by one

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third. We recommend that the first foot of soil cover be neglected in the passive resistance calculations if the ground surface is not protected from erosion or disturbance by a slab, pavement or in a similar manner.

Estimated Footing Settlement: Based on the results of our analyses and provided that our recommendations in preceding sections of this report are followed, we estimate that the total static settlement of isolated and/or strip footings under sustained loads would be on the order of 1 inch for the anticipated maximum structural load. Most of the settlement is anticipated to occur during construction. The maximum differential settlement for similarly loaded footings, over a horizontal distance of 20 feet, is anticipated to be on the order of ½ inch for similarly loaded footings.

Mat Foundation: We assumed that a mat foundation would be at least 2 feet thick and would be constructed at basement level about 10 feet below the existing grade. The mat should be supported on at least 3 feet of engineered fill. The maximum pressure on the mat foundation is anticipated to be 2000 psf, with an average net pressure in the range approximately 400 to 700 psf. For a stiff mat foundation, the total settlement is anticipated to be on the order of 2 inches with a differential settlement of ¾ inch over a horizontal distance of 30 feet. Including a reduction for the size of the mat, the subgrade modulus is anticipated to range between 15 and 30 lbs/in^3.

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13.9. Pile Foundations

The piles will derive their resistance from side friction and end bearing by penetrating the denser soils at depths extending about 40 feet below basement grade. The pile capacities provided are based on the strength of the soils, not the pile section, which should be designed and checked by the project Structural Engineer.

Generally, the soils behave as granular material and per the Shaft Manual, the unit end bearing can be calculated using 0.6 N_{SPT}. (tsf). The skin friction can be determined using the expression $f_{sz} = \beta\sigma_z'$. The safety factors meet the goal of 3 for end bearing and 2 for side resistance under static conditions and are greater than 1.1 for temporary seismic condition or post-seismic condition. The following Table 2 summarizes the axial pile capacities calculated. These capacities include the drag loads from the soils and they can be used against the demand loads with no further reduction for drag loads. These values may be increased by 33 percent for seismic conditions.

Table 2 – Summary of CIDH Pile Axial Capacities

Pile Diameter (inch)	Assumed Bottom of Pile Cap Elev. (ft)	Design Pile[2] Length (ft)	Design Tip Elev. (ft)	Allowable Capacity[1] (kips)	
				Compression	Uplift[2]
24	-	40	-	140	70

Notes: [1] Factor of safety of 2 for side friction and 3 for end bearing are applied to estimate the allowable capacity for static conditions.
[2] The top of the pile is at basement foundation level.

Lateral Resistance of Piles: The lateral capacity of the pile depends on the permissible deflection and the degree of fixity at the top of the pile. For this project, we have assumed lateral deflection of ½ and 1 inch at the bottom of the pile cap at basement level. Lateral loads may be resisted by the pile and the passive resistance of the soils against the pile cap. The capacities presented are based on the strength of the soils encountered in our field explorations. The pile sections should be checked to verify the structural capacity of the piles.

LPILE software has been used to evaluate the lateral pile behavior using the vertical loads and imposed displacements. The preliminary lateral capacities of free- and fixed-head, cast-in-place 24-inch diameter concrete piles are presented in the following Table 3. Once the shear force, bending moment, and vertical load at the top of the piles have been defined by the Structural Engineer, the values presented in Table 3 should be updated and the lateral capacity curves (deflection vs. depth, shear vs. depth, and moment vs. depth) can be provided.

Table 3 – Preliminary Lateral Capacities for CIDH Piles

Pile diameter (inch)	24-inch Free Head		24-inch Fixed Head	
Pile top deflection (inch)	1/2	1	1/2	1
Allowable lateral load (kips)	24	38	56	83
Maximum negative moment (kips-ft)	2	4	291	425
Maximum positive moment (kips-ft)	126	195	116	176
Depth to max. positive moment (ft)	8.7	8.0	12.9	12.2
Depth to max. negative moment (ft)	30	29	0	0

Notes: The above capacities are for single piles.

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The above table presents the lateral capacity for single piles and the data do not consider a reduction for group action. Lateral load reduction factors to be applied for various pile spacing for in-line loading are presented in Table 4. For spacing in between those provided below, a linear interpolation may be utilized to calculate the reduction factor.

Table 4 - Lateral Load Reduction Factors

Center-to-center Pile Spacing for In-line Loading	Ratio of Load Resistance of Piles in Group to Single Pile
8D	1.0
5D	0.9
3D	0.7

Note: D = Diameter of the pile

For lateral resistance of pile caps and grade beams, we recommend an allowable passive fluid pressure of 200 psf per foot of depth. The allowable passive earth pressures should not exceed 2,000 psf. The friction resistance should be neglected.

Estimated Settlement:

The total static settlement of the proposed structures due to dead and live loads, supported on CIDH piles in the manner recommended, is estimated to be on the order of ¾ inch, excluding elastic compression of the piles. The static differential settlement between similarly loaded columns located 20 feet apart is estimated to be on the order of ½ inch. The differential settlement during a seismic event is anticipated to be on the order of ¾ inch between adjacent columns located 20 feet apart.

***Drilled Pile Installation*:** The performance of CIDH piles is strongly dependent on construction methods and procedures. Construction methods that create large zones of disturbance around the CIDH piles can lead to lower than expected side friction due to excessive stress relief around the shaft length. Proper construction techniques should be used to limit disturbance of the soils during pile installation. Disturbance of the soils at the bottom of the pile excavation or improper bottom cleanout may result in excessive pile settlement. Disturbance at the top of the pile may result in

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greater lateral deflection than calculated. Any disturbance should be corrected by over excavation and/or recompaction.

Based on our experience, the observed caving during drilling of our borings and the soil types encountered, the likelihood of caving is considered high and caving should be anticipated during drilling for the piles. Precautions should be taken during the drilling operation to reduce caving of the drilled holes. Polymer slurry or a combination of temporary casing and polymer slurry will be required to stabilize the sides of CIDH pile shafts. Experienced contractors (minimum 8 years) should be retained to construct drilled pile foundations. The contractor should submit the proposed polymer slurry mix for approval by the Engineer.

After completion of drilling, the bottom of the hole should be cleaned of all loose or disturbed materials. We recommend that the piles be cast within 4 hours of completion of each drill hole. Before casting concrete, the drilled hole should be observed, and suitable condition at the bottom of the hole should be confirmed. Because pile support counts on end bearing, a properly designed flat bottom cleaning bucket must be used to clean all drill hole bottom. To avoid accumulation of sediments at the bottom of the excavation, we recommend that the polymer slurry be properly formulated and that a cleaning bucket be used within 30 minutes of casting concrete. The Geotechnical Engineer representative should re-check the bottom for accumulation of sediment immediately before lowering the tremie, and the bottom should be re-cleaned if more than 1½ inches of sediments have accumulated at the bottom.

Piles closer than 3 diameters to each other should be drilled and filled with concrete alternately, and concrete should be permitted to set at least 8 hours before drilling an adjacent pile. The concrete should be cast using a tremie method. A minimum head of 5 feet of concrete should be maintained throughout the concrete placement to prevent contamination of the concrete with soil inclusions and to push the drilling slurry out. The drilled hole should be filled with concrete as soon as possible, and should not be left open overnight. Where groundwater is present in the drill holes, we recommend increasing the concrete strength by 1,000 psi above the design strength.

Maintenance of the full cross-section of the entire pile length is a concern during pile casting. Therefore, post-construction evaluation of the piles using nondestructive testing should be considered. About 10 percent of the piles (5 minimum) should be subjected to Gamma-Gamma

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testing. Plastic tubing should be installed in the piles in the event that defective piles are detected so the remainder of the piles supporting that column can be evaluated. The Structural Engineer should detail the number and location of inspection tubes for CIDH piles. The piles should be constructed in general conformance with Caltrans Standard Specifications Section 49 (2015) except where indicated otherwise in this report or waived by the Engineer.

13.10. Seismic Upgrade

We understand that the Main Building and the Administration and Classroom Building will be renovated. In addition to the renovation, there will be a seismic design upgrade corresponding to a 475-year return period earthquake (BSE-1), with a life safety performance level. This return period corresponds to 10 percent probability of exceedance in 50 years. The evaluation and design methodology was not available for the purpose of this report. We anticipate that new columns, shear walls and footings will be added.

The upper 8 to 10 feet of soils are generally loose and overexcavation and recompaction should be performed below the footings or the footings should be founded at basement level within suitable soils. A bearing pressure of 2,000 psf may be used to support the new footings (subject to confirmation once the design details are known).

Seismic Upgrade Coefficients: Based on the 2016 California Building Code (CBC 2016), the site is located in Region 1. Under the Earthquake Design Regulations of Chapter 34, Section 3417 of the CBC 2016, and based on the 2008 mapped acceleration values, the coefficients and factors presented in Table 1A below apply to the lateral-force design for the existing structures at the site. The site was classified as Class D based on the SPT blow counts during sampling in accordance with the CBC 2016 Section 1613.5.2. A seismic Design Category D was obtained based on Occupancy Category III and the CBC 2016 Sections 1604.5 & 1613.5.6. The mapped acceleration parameters were obtained from the USGS website and the design code reference documents (ASCE 41-13). The coefficients corresponding to ASCE 41-13 were obtained from the USGS website utilizing the 2008 mapped acceleration values.

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Table 1A – Ground Motion Parameter Comparison for Seismic Retrofit

Seismic Level	S_S (g)	S_1	S_{XS} (g)	S_{X1} (g)	T_S (sec)	T_0 (sec)
BSE-1E	0.745	0.267	0.897	0.498	0.555	0.111
BSE-1N	-	-	1.364	0.722	0.529	0.106
BSE-1	0.986	0.559	1.090	0.839	0.777	0.155

Table 1A presents also a comparison of the spectral response acceleration parameters for different hazard levels for the 2008 mapped values that correspond to the 2016 CBC.

13.11. Retaining Walls

Except for building walls, we have assumed that retaining walls, if needed, will have heights in the range of 1½ to 4½ feet. Design earth pressures for retaining walls depend primarily on the allowable wall movement, wall inclination, type of backfill materials, backfill slopes, surcharges, and drainage. The earth pressures provided assume that non-expansive soil backfill will be used and a drainage system will be installed behind the walls so that external water pressure will not develop. A drainage system should be provided behind the walls to reduce the potential for development of hydrostatic pressure. If a drainage system is not installed, the cantilever level-backfilled walls, under static conditions, should be designed to resist a hydrostatic pressure equal to that developed by a fluid with a density of 90 pcf for the full height of the wall.

Determination of whether the active or at-rest condition is appropriate for design will depend on the flexibility of the wall. Walls that are free to rotate at least 0.002 radians (deflection at the top of the wall of at least 0.002 x H, where H is the unbalanced wall height) may be designed for the active condition. Walls that are not capable of this movement should be assumed rigid and designed for the at-rest condition. The recommended static active and at-rest earth pressures are provided in the following Table 2.

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Table 5 - Earth Pressures for Retaining Walls

Wall Movement	Backfill Condition	Equivalent Fluid Pressure
Free to Deflect	Level	40
Restrained	Level	65

As an alternative, an at-rest static trapezoidal pressure distribution of 40H may be used for the design of permanent basement walls for drained conditions. A uniform pressure distribution of 38H may be assumed over the central six tenth of the wall height; that pressure should taper to zero at the ground surface and at the base of the excavation.

The above lateral earth pressures do not include the effects of surcharges (e.g., traffic, footings, sloping ground), compaction, or truck-induced wall pressures. Any surcharge (live, including traffic, dead load, or slope) located within a 1:1 plane drawn upward from the base of the excavation should be added to the lateral earth pressures. The lateral contribution of a uniform surcharge load located immediately behind walls may be calculated by multiplying the surcharge by 0.33 for cantilevered walls and 0.5 for restrained walls. For vehicular surcharge, adjacent to driveways or parking areas a uniform lateral pressure of 100 pounds per square foot, acting as a result of an assumed 300 pounds per square foot traffic surcharge should be used.

Walls should be waterproofed using appropriate membranes, and properly drained or designed to resist hydrostatic pressures. The waterproofing membrane should be covered with a protection board or equivalent to prevent perforation during backfilling.

Except for the upper 2 feet, the backfill immediately behind retaining walls (minimum horizontal distance of 12 inches measured perpendicular to the wall) should consist of free-draining ¾-inch crushed rock wrapped with filter fabric. The upper 1½ feet of cover backfill should consist of relatively impervious onsite material. A 4-inch diameter perforated PVC pipe, placed perforations down at the bottom of the crushed rock layer, leading to a suitable gravity outlet, should be installed at the base of the walls. As an alternative to extending the crushed rock to within 1½ feet of the ground surface for the wall drain, geocomposite panel drains may be used. With wall drain

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panels, the 4-inch diameter perforated pipe located at the heel of the wall/footing should be surrounded with one cubic foot of ¾-inch crushed rock wrapped with filter fabric; the pipe invert should be supported on about 1½ inches of crushed rock. All drainage should be directed to the street in non-erosive devices.

In the event of a large earthquake, the lateral earth pressure on walls may be significant. We have calculated the seismic increment of lateral pressure using the Anderson et all procedure assuming the seismic coefficient to be ½ of the peak ground acceleration (PGA=0.755) for the 2475-year return period (Reference 12). We suggest using a dynamic rectangular earth pressure distribution increment of 16H (additional to the trapezoidal distribution) for seismic condition. The point of application of the dynamic thrust for the rectangular distribution may be taken at 0.5H above the toe of the wall. When combining both static and seismic lateral earth pressures, a decreased factor of safety may be used in the design of retaining walls when checking for sliding and overturning stability. During a seismic event, a building retaining wall should be considered as yielding and the active pressure should be considered (not the at-rest pressure).

For cantilever walls, we have calculated the seismic increment of lateral pressure using the Mononobe-Okabe equation assuming the seismic coefficient to be 1/2 of the peak acceleration (PGA). We suggest using a dynamic earth pressure increment of 28 psf/ft for cantilever yielding walls with level backfill assuming the wall will not exceed 10 feet in height. The pressure should be taken as an inverted triangular distribution with the zero pressure point at the toe of the wall and 28 H (psf where H in feet) at the top of the wall, where H is the wall height in feet. The point of application of the dynamic thrust may be taken at 0.6H above the toe of the wall.

The Structural Engineer should determine if a seismic increment of lateral earth pressure is applicable based on wall heights and allowable wall movements.

13.12. Utility Trench Backfill

Bedding material surrounding utility lines and extending to a point 12 inches above the lines should consist of either sand, fine-grained gravel, or sand-cement slurry to support and/or to protect the lines. A minimum of 4-inch thick bedding material should be placed below the bottom of the utility lines, on a firm and unyielding subgrade. The bedding material should meet the

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specifications provided in the latest edition of the "Standard Specifications for Public Works Construction" (Greenbook). Sand or gravel should be compacted in accordance with Greenbook specifications..

Above the bedding, up to finished subgrade in areas other than landscape and up to one foot below flatworks and pavements, utility trenches should be backfilled with onsite sands or imported granular materials and mechanically compacted to at least 93% of the maximum dry density of the soils.

Below pavements, a minimum relative compaction of 95% is required for the subgrade. For utility trenches within the building area, the backfill should be compacted to the minimum required relative compaction indicated under the "Grading" section of this report. The backfill material should be observed, tested and approved by the Geotechnical Consultant. The trench backfill materials should be placed in accordance with Sections 306-6 of the "Standard Specifications for Public Works Construction" (Greenbook).

When adjacent to any footings, utility trenches and pipes should be laid above an imaginary line measured at a gradient of 1¼:1 (H:V) projected down from the bottom edges of any footings plus 9 inches up. Otherwise, the pipe should be designed to accept the lateral effect from the footing load, or the footing bottom should be deepened as needed to comply with this requirement. Backfill consisting of 2-sack sand cement slurry may also be used.

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13.13. Drainage

Foundation, slabs, flatwork, and pavement performance depends greatly on proper drainage within and along the boundary of the development. Perimeter grades around the building and any type of structures should be sloped in a manner allowing water to drain away from the structures and not pond next to the foundations. Roof downdrains should be connected to underground pipes carrying water away from the building area or have extenders so water does not drain and pond next to the building. Per the 2016 CBC, landscape areas within 10 feet of buildings should slope away at gradients of at least 5 percent. Paved areas within 10 feet of buildings should slope away at gradients of at least 2 percent. Proper drainage is recommended for all surfaces to reduce the risk of settlement due to hydroconsolidation.

Common measures to mitigate hydrocollapse risk include removal of the more susceptible material and recompaction, preventing and repairing promptly utility line leaks, maintaining site drainage and drainage devices, and proper management of landscape watering to reduce the likelihood of water infiltrating deeper materials. We recommend minimizing the size and number of planters adjacent to buildings and other foundations and using drought resistant planting. To reduce the potential for overwatering, irrigation should be performed under the management of experienced landscape architects, and not under the control of a landscape contractor.

13.14. Asphalt Concrete (AC) Pavement

The required pavement structural sections depend on the expected wheel loads, volume of traffic, and subgrade soils. The characteristics of subgrade soils are determined by R-value testing. Based on soil classification and our experience with R-value testing, we anticipate an R-value on the order of 35 for the onsite sand material. The R-value should be confirmed with additional tests, if necessary, at the time of construction. The following pavement sections were calculated based on assumed traffic indices of 4, 5, 6 and 7. The project Civil Engineer should determine the traffic index to be used for different areas of the site.

Table 6 – Alternative Pavement Sections for Vehicular Traffic

Traffic Index	Asphalt Thickness (Inches)	Base Course (CAB) Thickness (Inches)
4	3.0	4.0
5	3.0	5.0
6	3.5	6.5
7	4.0	9.0

Base course material should consist of Crushed Aggregate Base (CAB) as defined by Section 200-2.2 of the Standard Specifications for Public Works Construction ("Greenbook"). Base course should be compacted to at least 95 percent of the maximum dry density of that material. Crushed Miscellaneous Base (CMB), as defined by Section 200-2.4 of the Greenbook, may be used only if the supplier can demonstrate that the aggregate does not contain contaminated material.

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The subgrade underlying the proposed pavement area should be overexcavated 24 inches below the existing ground surface or proposed pavement subgrade, whichever is greater. Prior to fill placement, the excavation bottom should be scarified to a minimum depth of 8 inches, moisture conditioned to a moisture content within 2½ percent of optimum moisture content for sand and compacted to at least 93% of the maximum dry density obtained per ASTM D1557. The new fill should be compacted to at least 93% relative compaction. The upper 12 inches of subgrade soils should be compacted to 95% relative compaction. The subgrade should be in a "non-pumping" condition at the time of compaction.

Any onsite surficial organic soils within landscaped/turf areas should not be used as subgrade material under roadways and parking areas. The overexcavation should be extended laterally a minimum of 2 feet beyond the perimeters and edges of parking areas, roadways and curbs. Any abandoned footing and/or underground concrete structure within the work limit should be removed entirely and the excavation should be backfilled to grade.

13.15. Portland Cement Concrete (PCC) Vehicular Pavement

The grading recommendations for vehicular PCC pavement are provided in Section 13.2.2 of this report. Base course material, used in the pavement sections, should consist of Crushed Aggregate Base (CAB) as defined by Section 200-2.2 of the Standard Specifications for Public Works Construction (Greenbook 2012). The aggregate base course should be compacted to at least 95% of the maximum dry density of that material. Crushed Miscellaneous Base (CMB), as defined by Section 200-2.4 of the Greenbook, may be used only if the supplier can demonstrate that the aggregate does not contain contaminated material.

The recommendations presented herein should be used for design and construction of the slabs and pertaining grading work underlying vehicular pavement areas. A minimum modulus of rupture of 550 psi for concrete has been assumed in designing of the PCC pavement sections; this corresponds to a concrete compressive strength of approximately 4,000 psi at 28 days. A qualified design professional should specify where heavy duty and standard duty slabs are used based on the anticipated type and frequency of traffic. The recommended PCC pavement sections are provided in the following table.

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Table 7 - PCC Pavement Sections

Pavement Type	Portland Cement Concrete Thickness (inches)	Base Course (CAB) Thickness (inches)
Light Duty	6.5	4.0
Heavy Duty	7.5	6.0

These concrete pavement sections should be increased for bus traffic where applicable. The following recommendations should also be incorporated into the design and construction of PCC pavement sections:

- The pavement sections should be reinforced with No. 3 rebars spaced at 18 inches on centers each way to reduce the potential for shrinkage cracking.
- Joint spacing in feet should not exceed twice the slab thickness in inches, e.g., 12 feet for a 6-inch slab thickness. Regardless of slab thickness, joint spacing should not exceed 15 feet.
- Layout joints should form square panels. When this is not practical, rectangular panels can be used if the long dimension is no more than 1.5 times the short one.
- Control joints should have a depth of at least 1/4 the slab thickness, e.g., 1 inch for a 4-inch thick slab.
- Pavement section design assumes that proper maintenance such as sealing and repair of localized distress will be performed on a periodic basis.

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13.16. Portland Cement Pedestrian Pavement

The grading recommendations for exterior flatwork are provided in Section 13.2.2. The pedestrian pavement such as sidewalks and ramps should have a minimum thickness of 4 inches. The use of aggregate base below the pedestrian pavement is left to the discretion of the project Civil Engineer. To prolong the pavement life, a 4-inch layer of aggregate base may be placed below the concrete where frequent use of heavy cart is anticipated. Weakened plane joints should be located at intervals of no more than about 8 feet unless slabs thicker than 4 inches are used. The concrete strength for pedestrian walkways should be at least 2,500 psi unless determined otherwise by the Structural Engineer.

13.17. Pavers

If pedestrian pavers are used, they should be supported on one inch of sand underlain by 4 inches of crushed aggregate base (CAB). For light vehicle traffic, the pavers should be underlain by one inch of sand and at least 8 inches of aggregate base (CAB). For heavy duty traffic area, we recommend to increase the aggregate base thickness to 12 inches. For permeable pavers, we recommend at least one foot of permeable aggregate enclosed in filter fabric (Mirafi 140N or equivalent).

14. SOIL EXPANSIVITY

The shallow subsurface soils encountered consist mostly of silty sand. These types of material generally have a low susceptibility to expansion when facing seasonal cycles of saturation/desiccation. The consolidation tests did not experience swelling upon addition of water. Any localized clay soils encountered during grading should not be placed below buildings and other structures.

15. SOIL CORROSIVITY

The corrosion potential of the onsite materials to steel and buried concrete was preliminarily evaluated. Laboratory testing was performed on selected soil samples to evaluate pH, minimum resistivity, chloride and soluble sulfate content. The test results are presented in the following table.

Table 8 - Corrosion Test Results

Boring	Depth (ft)	Minimum Resistivity (ohm-cm)	pH	Soluble Sulfate Content (ppm)	Soluble Chloride Content (ppm)
B-4	1 - 2	2,880	8.3	188	15
B-8	2-3.5	11,800	8.7	32.6	20

These tests are only an indicator of soil corrosivity for the samples tested. Other soils found on site may be more, less, or of a similar corrosive nature. Imported fill materials should be tested to confirm that their corrosion potential is not significantly more severe than those noted. Based on

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the minimum resistivity results, some of the near-surface site soils are considered to be corrosive towards buried ferrous metals. The concentrations of soluble sulfates indicate that the potential of sulfate attack on concrete in contact with the onsite soils is "negligible" based on ACI 318 Table 4.3.1. Cement Type II may be used in the concrete. Maximum water-cement ratios are not specified for the sulfate concentrations; however, the Structural Engineer should select a concrete with appropriate strength.

For corrosion control, metallic structures such as piping are often wrapped with a minimum of 20 mils dielectric tape or encased in a continuous polyethylene film sleeve or heat shrink sleeve (there should be no open joints or seams, no holes or tears). A tape coating system, hot applied coal tar enamel or fusion bonded epoxy may also be used (all per AWWA). As an alternative to the above procedures, it may be possible to apply a ¾-inch mortar coating per AWWA C205 or to encase the pipes in 3 inches of concrete for all buried portions of metallic pipes so that there is a minimum of 3 inches of concrete around the pipes, fittings, and valves using a 4,500 psi concrete.

Materials associated with piping may also require protection. Therefore, it is recommended to coat bare metal such as valves, bolts, flange joints, joint harness, and flexible coupling with wax tape per AWWA C217 after assembly. Where metallic pipes penetrate concrete structures, plastic sleeves, rubber seals, or other dielectric material should be used to prevent pipe contact with the concrete and reinforcing steel. Cold water copper tubing should be placed in an 8-mil polyethylene sleeve and bedded and backfilled with non-corrosive clean sand (SE of 40+) with a thickness of at least 3 inches surrounding the tubing. Hot water tubing should be encased in PVC pipes with solvent welded joints.

The measures described above will only aid in controlling corrosion. For a higher level of protection, cathodic protection should be considered, and a corrosion specialist should be consulted. Further interpretation of the corrosivity test results, including the resistivity value, and providing corrosion design and construction recommendations are the purview of a corrosion specialists/consultants.

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16. STORM WATER INFILTRATION

No percolation testing was performed as part of this study. However, two percolation tests were recently performed by Koury Engineering & Testing, Inc. within the proposed green area shown on the Boring Location Map (Reference 10). Infiltration rates of 0.6 and 1.7 inch per hour were suggested for infiltration within the silty sand (SM) near the ground surface and the underlying poorly graded sand with silt (SP-SM), respectively. The boring logs presented in Appendix B of this report revealed that the upper poorly graded sand with silt stratum is underlain by a thick layer of relatively impervious sandy silt (ML). Once the stratum of poorly graded sand with silt become fully saturated, the infiltration will essentially cease until the water has dissipated. Therefore, shallow BMPs are feasible to infiltrate low volumes of water; however, for high volume of water, deep wells penetrating several strata of poorly graded sand with silt (SP-SM layers shown on the boring logs) will be more appropriate. Infiltration of shallow BMPs can also be enhanced by drilling 3-foot diameter borings, lining the borings with filter fabric and backfilling the borings with ¾-inch crushed rock. These borings should be spaced roughly 50 feet on centers and extended to depths of 40 feet in order to penetrate several relatively pervious soil layers.

17. OBSERVATION AND TESTING

This report has been prepared assuming that Koury Engineering & Testing, Inc. will perform all geotechnical-related field observations and testing. If the recommendations presented in this report are utilized, and observation of the geotechnical work is performed by others, the party performing the observations must review this report and assume responsibility for the recommendations contained herein. That party would then assume the title of "Geotechnical Consultant of Record". A representative of the Geotechnical Consultant should be present to observe all grading operations as well as all footing excavations. A report presenting the results of these observations and related testing should be issued upon completion of these operations.

18. CLOSURE

The findings and recommendations presented in this report were based on the results of our field and laboratory investigations, combined with professional engineering experience and judgment. The report was prepared in accordance with generally accepted engineering principles and

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practice. We make no other warranty, either expressed or implied. Subsurface variations between borings should be anticipated. Koury should be notified if subsurface conditions are encountered, which differ from those described in this report since updated recommendations may be required. Samples obtained during this investigation will be retained in our laboratory for a period of 45 days from the date of this report and will be disposed after this period.

Should you have any questions concerning this submittal, or the recommendations contained herewith, please do not hesitate to call our office.

Respectfully submitted,

KOURY ENGINEERING & TESTING, INC.

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Principal Geotechnical Engineer

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Distribution:

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APPENDICES

Appendix A: Maps and Plans

Vicinity Map – Figure A-1
Boring Location Map – Figure A-2a
Geotechnical Cross Section 1-1' – Figure A-2b
Geology Map – Figure A-3
Fault Map – Figure A-4
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Appendix B: Field Exploratory Boring Logs

Borings B-1 through B-12

Appendix C: Laboratory Test Results and Calculations

Appendix D: Historical Earthquake Data

Strong Motion Recurring Stations – Figure D-1

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Draft

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14. State of California, Department of Conservation, 2010 Fault Activity Map of California.

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16. United States Geological Survey, 2015, Los Angeles Quadrangle, Los Angeles County, 7.5-Minute Series (Topographic) Map Quadrangle, Los Angeles, California.

17. United States Geological Survey, 2005, Preliminary Geologic Map of the Los Angeles 30' by 60' Quadrangle, Southern California, Version 1.0, Compiled by Robert F. Yerkes and Russell H. Campbell, Open File Report 2005-1019.

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19. USGS, Earthquake Hazards Program, Unified Hazard Tool, Web Site http://earthquake.usgs.gov/hazards/interactive/.

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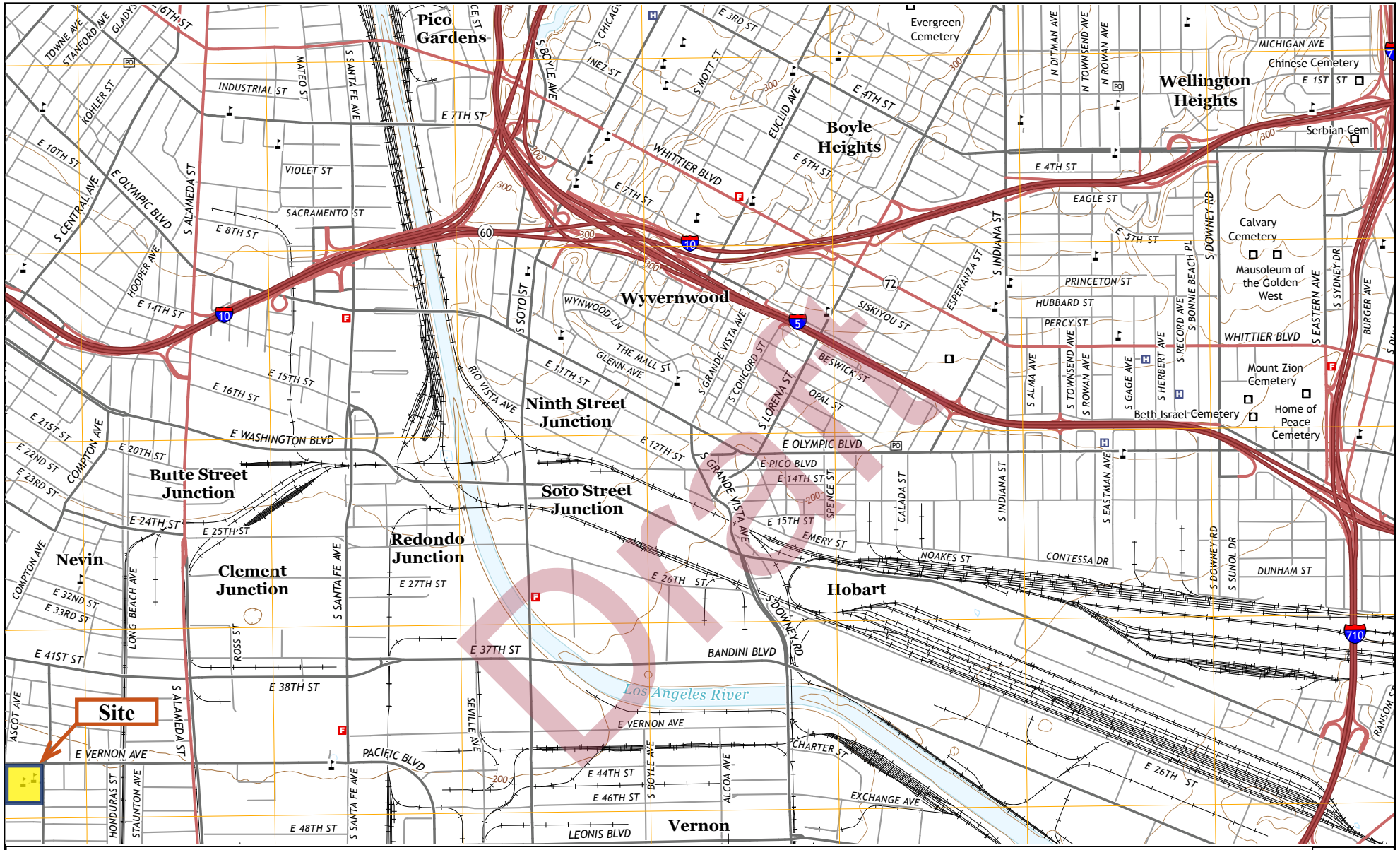
Draft

APPENDIX A

Maps and Plans

Draft

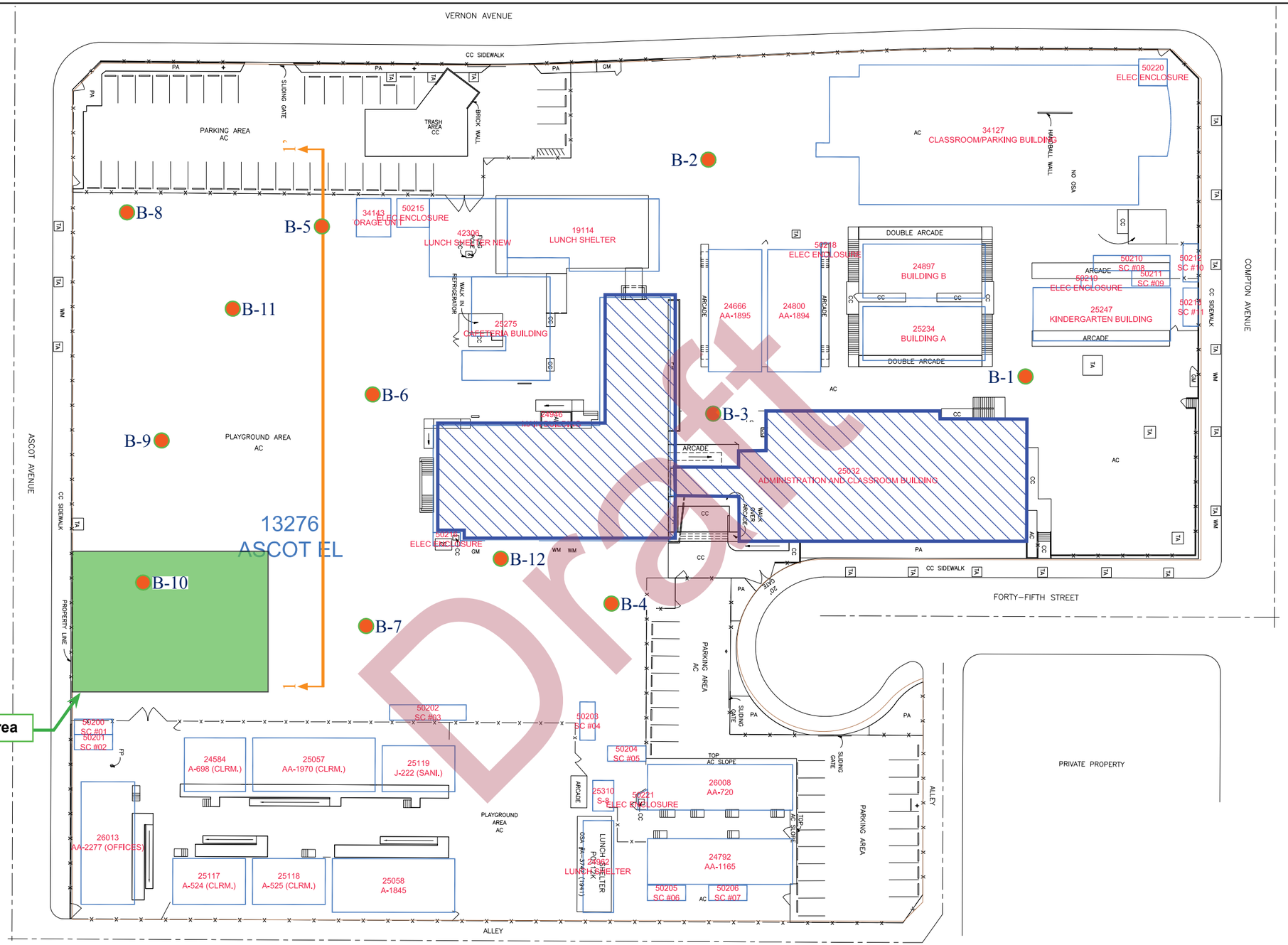


Reference: USGS Topographic Map, Los Angeles Quadrangles, California Los Angeles County
7.5 Minute Series 2015 - Contour Interval 20 feet, NAVD 1988

0 1/2 1 Mi

N

KOURY ENGINEERING & TESTING, INC.	Project Name: Ascot Ave. Elementary School	Project No.: 17-0172 Date: May 2017	Drawing Title: Vicinity Map	Figure: A-1



LEGEND

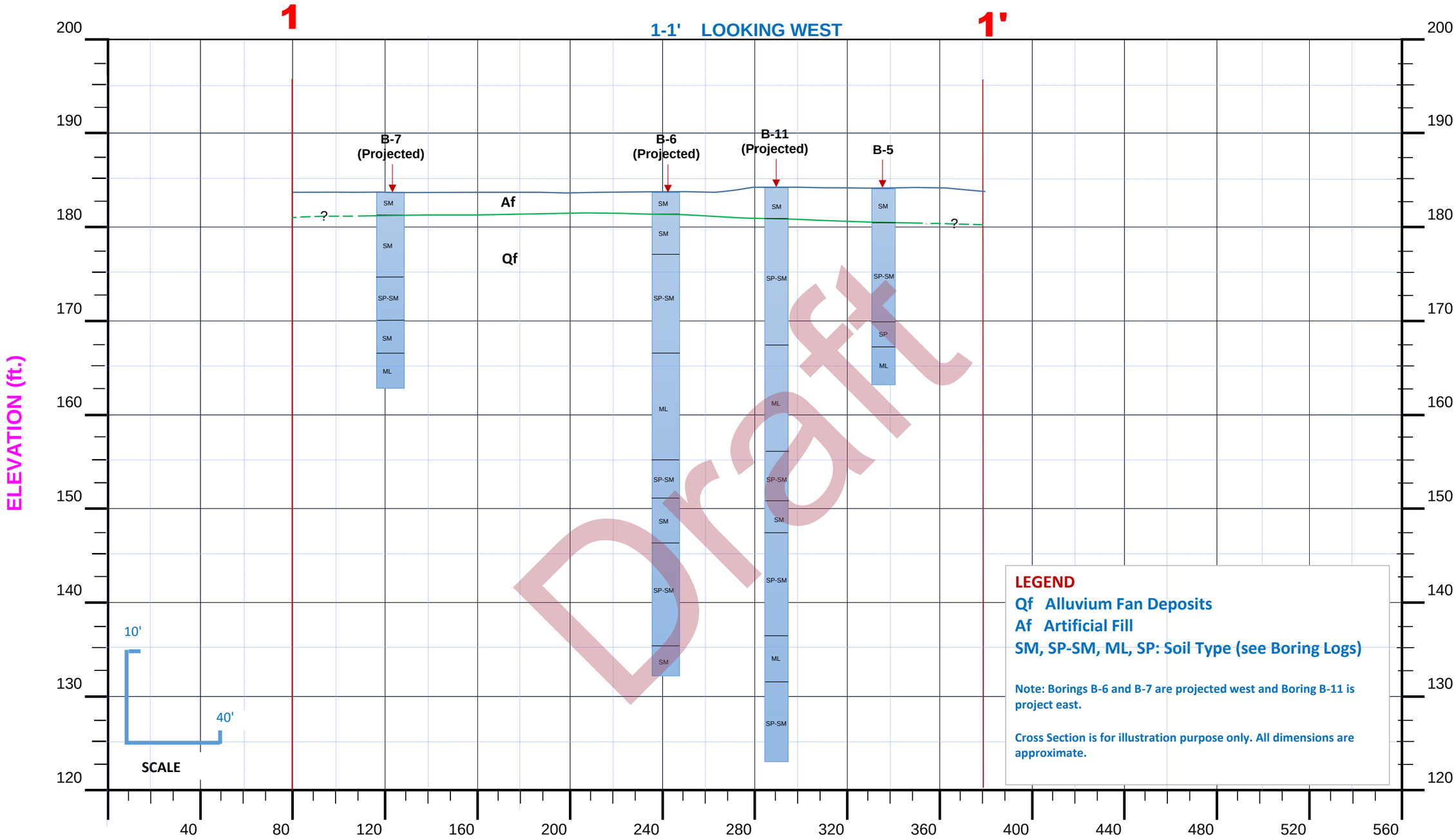
B-12 Approximate Boring Location and Number

Geotechnical Cross Section (See Figure A-2b for Details)

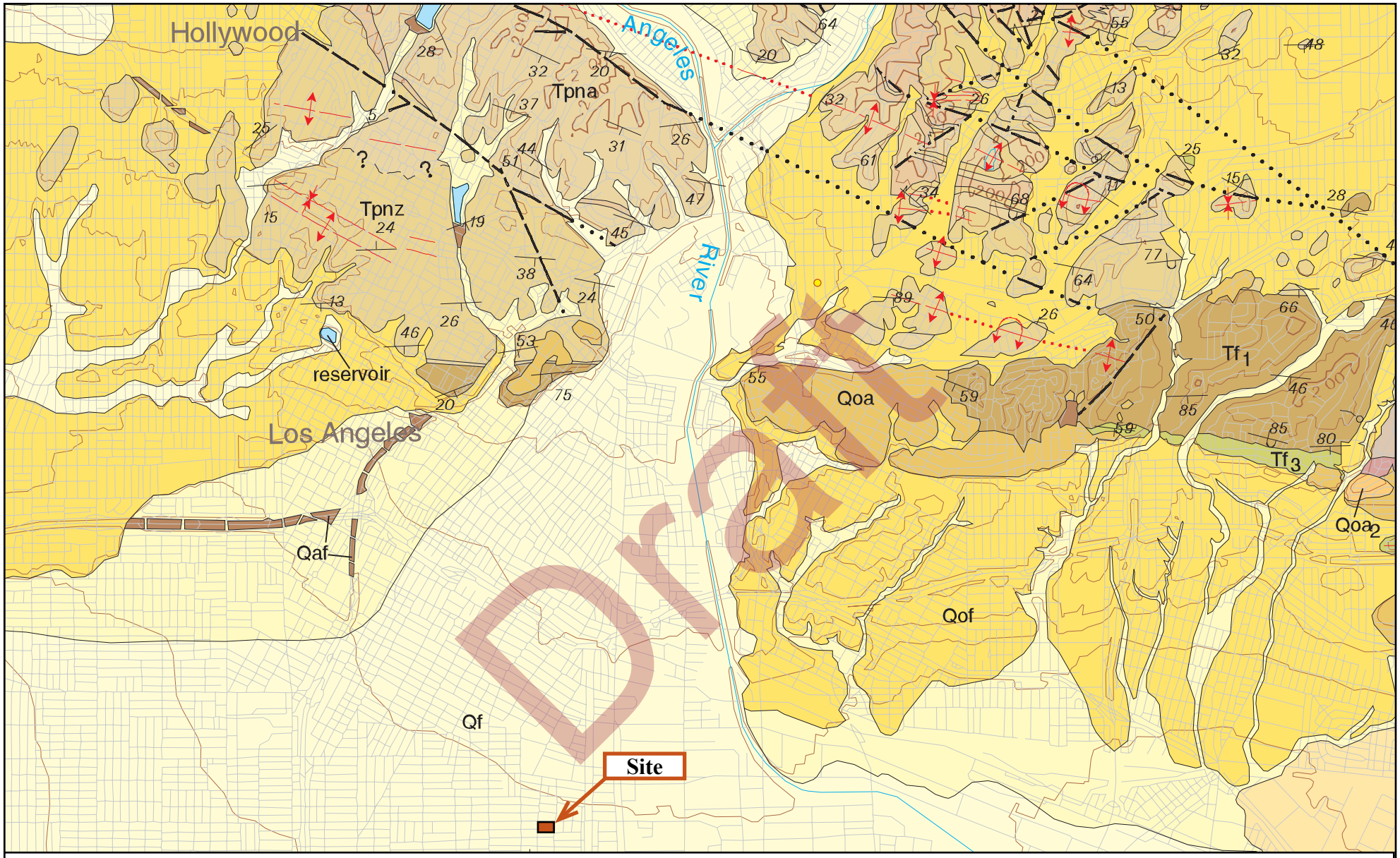
0 30 60'

N

KOURY ENGINEERING & TESTING, INC.	Project Name: Ascot Avenue Elementary School	Project No.: 17-0172 Date: May 2017	Drawing Title: Boring Location Map	Figure: A-2a



KOURY ENGINEERING & TESTING, INC.	Project Name: Ascot Avenue Elementary School	Project No.: 17-0172 Date: May 2017	Drawing Title: Geotechnical Cross Section 1-1'	Figure: A-2b



LEGEND

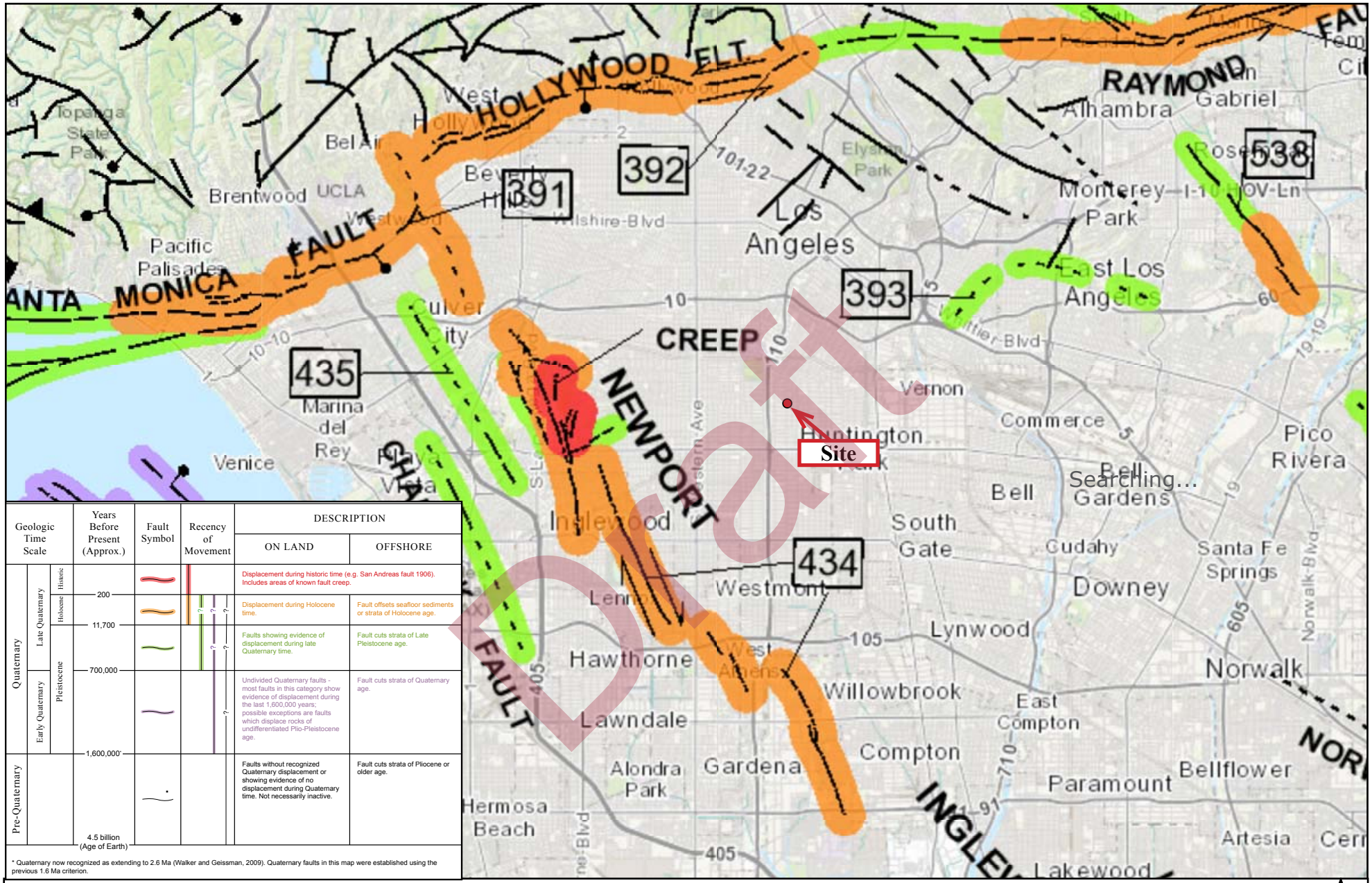
Qf **Alluvium Fan Deposits (Holocene)**

0 1 2 Miles

N

Reference: Preliminary Geologic Map of the Los Angeles 30'x60' Quadrangle, Southern California, Version 1.0, Compiled by Robert F. Yerkes & Russell H. Campbell, Open File Report 2005-1019

KOURY ENGINEERING & TESTING, INC.	Project Name: Ascot Elementary School	Project No.: 17-0172 Date: May 2017	Drawing Title: Geology Map	Figure: A-3



Geologic Time Scale			Years Before Present (Approx.)	Fault Symbol	Recency of Movement	DESCRIPTION: ON LAND	DESCRIPTION: OFFSHORE
Quaternary	Late Quaternary	Historic	200			Displacement during historic time (e.g. San Andreas fault 1906). Includes areas of known fault creep.	
		Holocene	11,700		? ? ?	Displacement during Holocene time.	Fault offsets seafloor sediments or strata of Holocene age.
		Pleistocene	700,000		? ?	Faults showing evidence of displacement during late Quaternary time.	Fault cuts strata of Late Pleistocene age.
	Early Quaternary		1,600,000*		?	Undivided Quaternary faults - most faults in this category show evidence of displacement during the last 1,600,000 years; possible exceptions are faults which displace rocks of undifferentiated Plio-Pleistocene age.	Fault cuts strata of Quaternary age.
Pre-Quaternary			4.5 billion (Age of Earth)			Faults without recognized Quaternary displacement or showing evidence of no displacement during Quaternary time. Not necessarily inactive.	Fault cuts strata of Pliocene or older age.

* Quaternary now recognized as extending to 2.6 Ma (Walker and Geissman, 2009). Quaternary faults in this map were established using the previous 1.6 Ma criterion.

Reference: Fault Activity Map of California (2010) - California Geological Survey
Department of Conservation Web Site @ http://maps.conservation.ca.gov/cgs/fam/ - See Figure A-4a, for explanation

0 — 4 Mile

N

KOURY ENGINEERING & TESTING, INC.	Project Name: Ascot Ave. Elementary School	Project No.: 17-0172 Date: May 2017	Drawing Title: Fault Map	Figure: A-4

California Geological Survey, C.W. Jennings, W.A. B

egrees

EXPLANATION

Fault traces on land are indicated by solid lines where well located, by dashed lines where approximately located or inferred, and by dotted lines where concealed by younger rocks or by lakes or bays. Fault traces are queried where continuation or existence is uncertain. Concealed faults in the Great Valley are based on maps of selected subsurface horizons, so locations shown are approximate and may indicate structural trend only. All offshore faults based on seismic reflection profile records are shown as solid lines where well defined, dashed where inferred, queried where uncertain.

FAULT CLASSIFICATION COLOR CODE (Indicating Recency of Movement)

Fault along which historic (last 200 years) displacement has occurred and is associated with one or more of the following:

(a) a recorded earthquake with surface rupture. (Also included are some well-defined surface breaks caused by ground shaking during earthquakes, e.g. extensive ground breakage, not on the White Wolf fault, caused by the Arvin-Tehachapi earthquake of 1952). The date of the associated earthquake is indicated. Where repeated surface ruptures on the same fault have occurred, only the date of the latest movement may be indicated, especially if earlier reports are not well documented as to location of ground breaks.
(b) fault creep slippage - slow ground displacement usually without accompanying earthquakes.
(c) displaced survey lines.

1906 1906

1838 1838

A triangle to the right or left of the date indicates termination point of observed surface displacement. Solid red triangle indicates known location of rupture termination point. Open black triangle indicates uncertain or estimated location of rupture termination point.

1951

Date bracketed by triangles indicates local fault break.

1992

No triangle by date indicates an intermediate point along fault break.

CREEP

Fault that exhibits fault creep slippage. Hachures indicate linear extent of fault creep. Annotation (creep with leader) indicates representative locations where fault creep has been observed and recorded.

1969

1968 1968

Square on fault indicates where fault creep slippage has occured that has been triggered by an earthquake on some other fault. Date of causative earthquake indicated. Squares to right and left of date indicate termi- nal points between which triggered creep slippage has occurred (creep either continuous or intermittent between these end points).

Holocene fault displacement (during past 11,700 years) without historic record. Geomorphic evidence for Holocene faulting includes sag ponds, scarps showing little erosion, or the following features in Holocene age deposits: offset stream courses, linear scarps, shutter ridges, and triangular faceted spurs. Recency of faulting offshore is based on the interpreted age of the youngest strata displaced by faulting.

Late Quaternary fault displacement (during past 700,000 years). Geomorphic evidence similar to that described for Holocene faults except features are less distinct. Faulting may be younger, but lack of younger overlying deposits precludes more accurate age classification.

Quaternary fault (age undifferentiated). Most faults of this category show evidence of displacement some- time during the past 1.6 million years; possible exceptions are faults which displace rocks of undifferenti- ated Plio-Pleistocene age. Unnumbered Quaternary faults were based on Fault Map of California, 1975. See Bulletin 201, Appendix D for source data.

Pre-Quaternary fault (older that 1.6 million years) or fault without recognized Quaternary displacement. Some faults are shown in this category because the source of mapping used was of reconnaissnce nature, or was not done with the object of dating fault displacements.

ADDITIONAL FAULT SYMBOLS

Bar and ball on downthrown side (relative or apparent).

Arrows along fault indicate relative or apparent direction of lateral movement.

Arrow on fault indicates direction of dip.

Low angle fault (barbs on upper plate). Fault surface generally dips less than 45° but locally may have been subsequently steepened. On offshore faults, barbs simply indicate a reverse fault regardless of steepness of dip

OTHER SYMBOLS

491

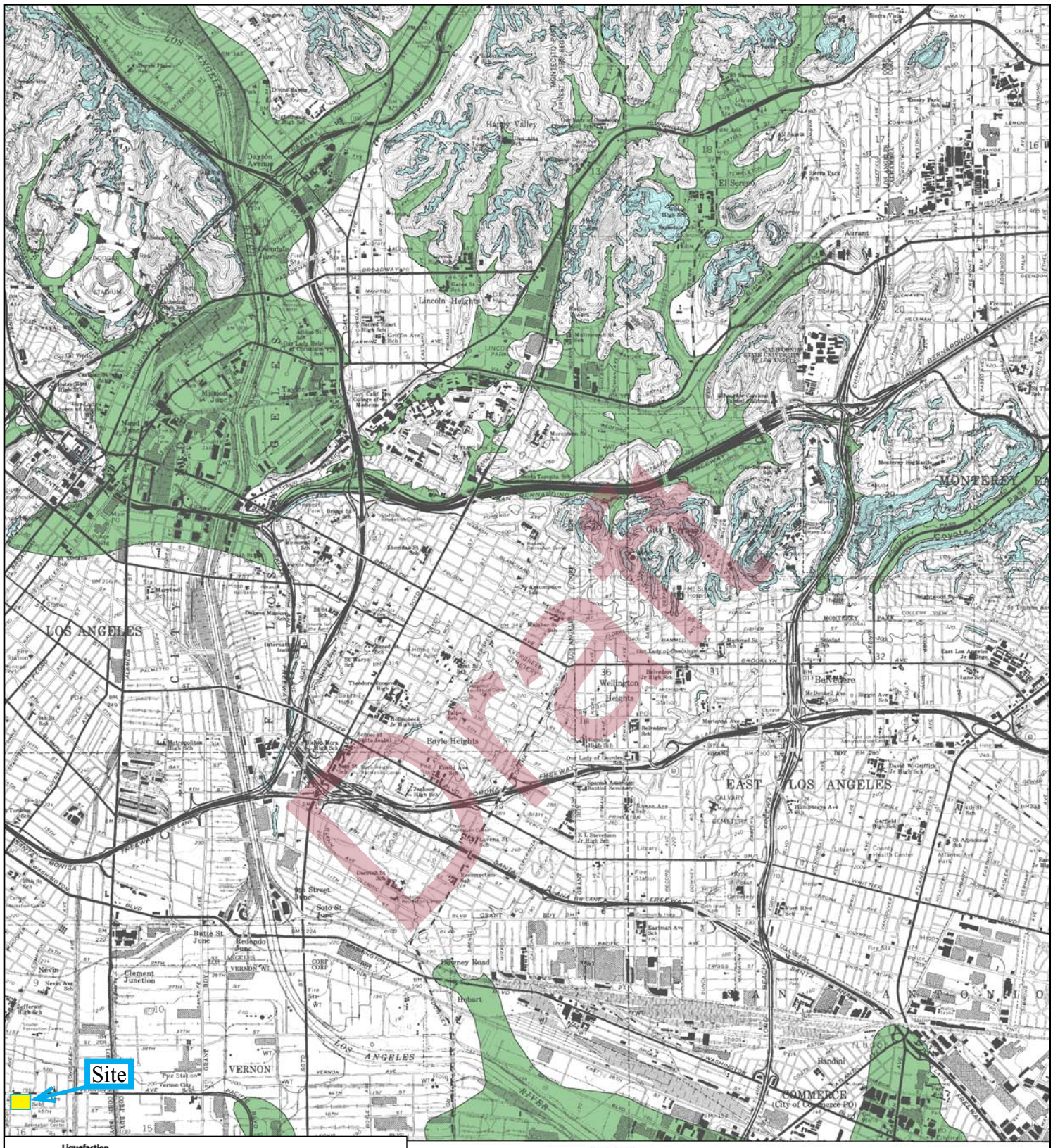
Numbers refer to annotations listed in the appendices of the accompanying report. Annotations include fault name, age of fault displacement, and pertinent references including Earthquake Fault Zone maps where a fault has been zoned by the Alquist-Priolo Earthquake Fault Zoning Act. This Act requires the State Geolo- gist to delineate zones to encompass faults with Holocene displacement.

Structural discontinuity (offshore) separating differing Neogene structural domains. May indicate disconti- nuities between basement rocks.

Brawley Seismic Zone, a linear zone of seismicity locally up to 10 km wide associated with the releasing step between the Imperial and San Andreas faults

Draft

KOURY ENGINEERING & TESTING, INC.	Project Name: Ascot Ave. Elementary School	Project No.: 17-0172 Date: May 2017	Drawing Title: Fault Map Legend	Figure: A-4a


Site
LOS ANGELES
VERNON
EAST LOS ANGELES
COMMERCE
Lincoln Heights
Boyle Heights
Wellington Heights
Belvedere
MONTEREY PARK
City Terrace
Hobart
Bandini
Aurant
Hazard Valley
Dayton Avenue
Clement Junction
Redondo Junction
Soto St Junction
Mission Junction
Taylor Yard
Nevin
Soto Street
Downey Road
Griffith Park
Los Angeles River
Santa Monica Freeway
Pomona Freeway
Golden State Freeway
Pasadena Freeway
Hollywood Freeway
Ventura Freeway
Harbor Freeway
Santa Ana Freeway
Pomona Freeway
Whittier Boulevard
Cesar E. Chavez Avenue
Olympic Boulevard
Pico Boulevard
Washington Boulevard
Slauson Avenue
Florence Avenue
Firestone Boulevard
Imperial Highway
Alameda Street
Main Street
Broadway
Grand Avenue
Soto Street
Mission Road
Eastern Avenue
Atlantic Avenue
Garfield Avenue
Indiana Street
Lincoln Park
Cesar E. Chavez Avenue
Pico Boulevard
Olympic Boulevard
Washington Boulevard
Whittier Boulevard
Slauson Avenue
Florence Avenue
Firestone Boulevard
Imperial Highway
Alameda Street
Main Street
Broadway
Grand Avenue
Soto Street
Mission Road
Eastern Avenue
Atlantic Avenue
Garfield Avenue
Indiana Street
Lincoln Park
Coyote Pass
Pass Canyon
Mission Junction
Taylor Yard
Nevin
Soto Street
Downey Road
Griffith Park
Los Angeles River
Santa Monica Freeway
Pomona Freeway
Golden State Freeway
Pasadena Freeway
Hollywood Freeway
Ventura Freeway
Harbor Freeway
Santa Ana Freeway
Pomona Freeway
Whittier Boulevard
Cesar E. Chavez Avenue
Olympic Boulevard
Pico Boulevard
Washington

Reference: FEMA Map Service Center, URL: https://msc.fema.gov/port

See Figure A-6a for Legend

0 1000' N

KOURY ENGINEERING & TESTING, INC.	Project Name: Ascot Ave. Elementary School	Project No.: 17-0172 Date: May 2017	Drawing Title: Flood Map	Figure: A-6

LEGEND

SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% annual chance floodplain boundary

0.2% annual chance floodplain boundary

Floodway boundary

Zone D boundary

CBRS and OPA boundary

Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths or flood velocities.

513 — Base Flood Elevation line and value; elevation in feet*

(EL 987) — Base Flood Elevation value where uniform within zone; elevation in feet*

* Referenced to the North American Vertical Datum of 1988

A — A — Cross section line

23 — 23 — Transect line

87°07'45", 32°22'30" — Geographic coordinates referenced to the North American Datum of 1983 (NAD 83), Western Hemisphere

24 76 000m N — 1000-meter Universal Transverse Mercator grid values, zone 11N

600000 FT — 5000-foot grid ticks: California State Plane coordinate system, zone V (FIPSZONE 0405), Lambert Conformal Conic projection

DX5510 × — Bench mark (see explanation in Notes to Users section of this FIRM panel)

● M1.5 — River Mile

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 1638F

FIRM

FLOOD INSURANCE RATE MAP

LOS ANGELES COUNTY, CALIFORNIA

AND INCORPORATED AREAS

PANEL 1638 OF 2350

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
LOS ANGELES, CITY OF	060137	1638	F
VERNON, CITY OF	060166	1638	F

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
06037C1638F

EFFECTIVE DATE
SEPTEMBER 26, 2008

Federal Emergency Management Agency

Draft

KOURY ENGINEERING & TESTING, INC.	Project Name: Ascot Elementary School	Project No.: 17-0172 Date: May 2017	Drawing Title: Flood Map Legend	Figure: A-6a

USGS Design Maps Summary Report

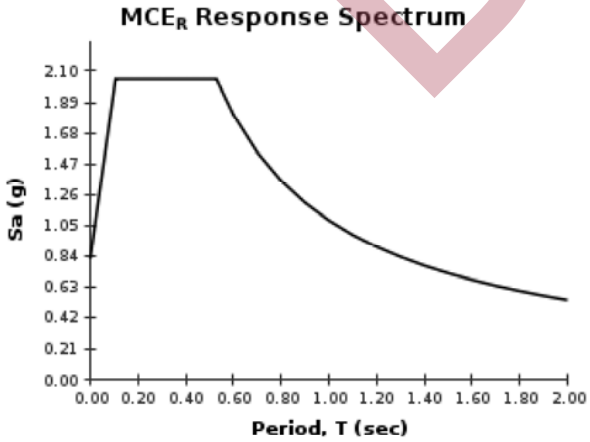
User–Specified Input

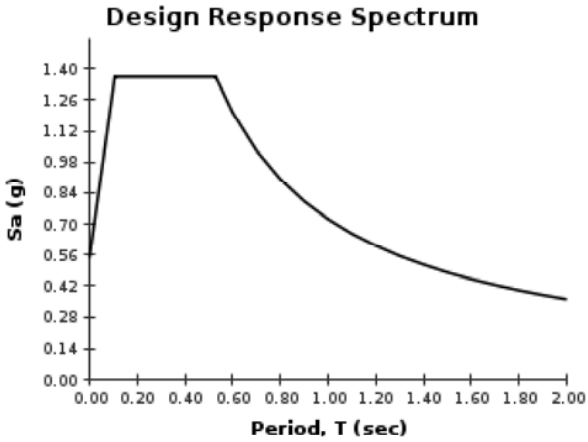
Report Title	Ascot Elementary School Wed February 1, 2017 16:25:25 UTC
Building Code Reference Document	ASCE 7-10 Standard (which utilizes USGS hazard data available in 2008)
Site Coordinates	34.0032°N, 118.24878°W
Site Soil Classification	Site Class D – "Stiff Soil"
Risk Category	I/II/III

USGS–Provided Output

S_S =	2.046 g	S_{MS} =	2.046 g	S_{DS} =	1.364 g
S_1 =	0.722 g	S_{M1} =	1.083 g	S_{D1} =	0.722 g

For information on how the SS and S1 values above have been calculated from probabilistic (risk-targeted) and deterministic ground motions in the direction of maximum horizontal response, please return to the application and select the "2009 NEHRP" building code reference document.



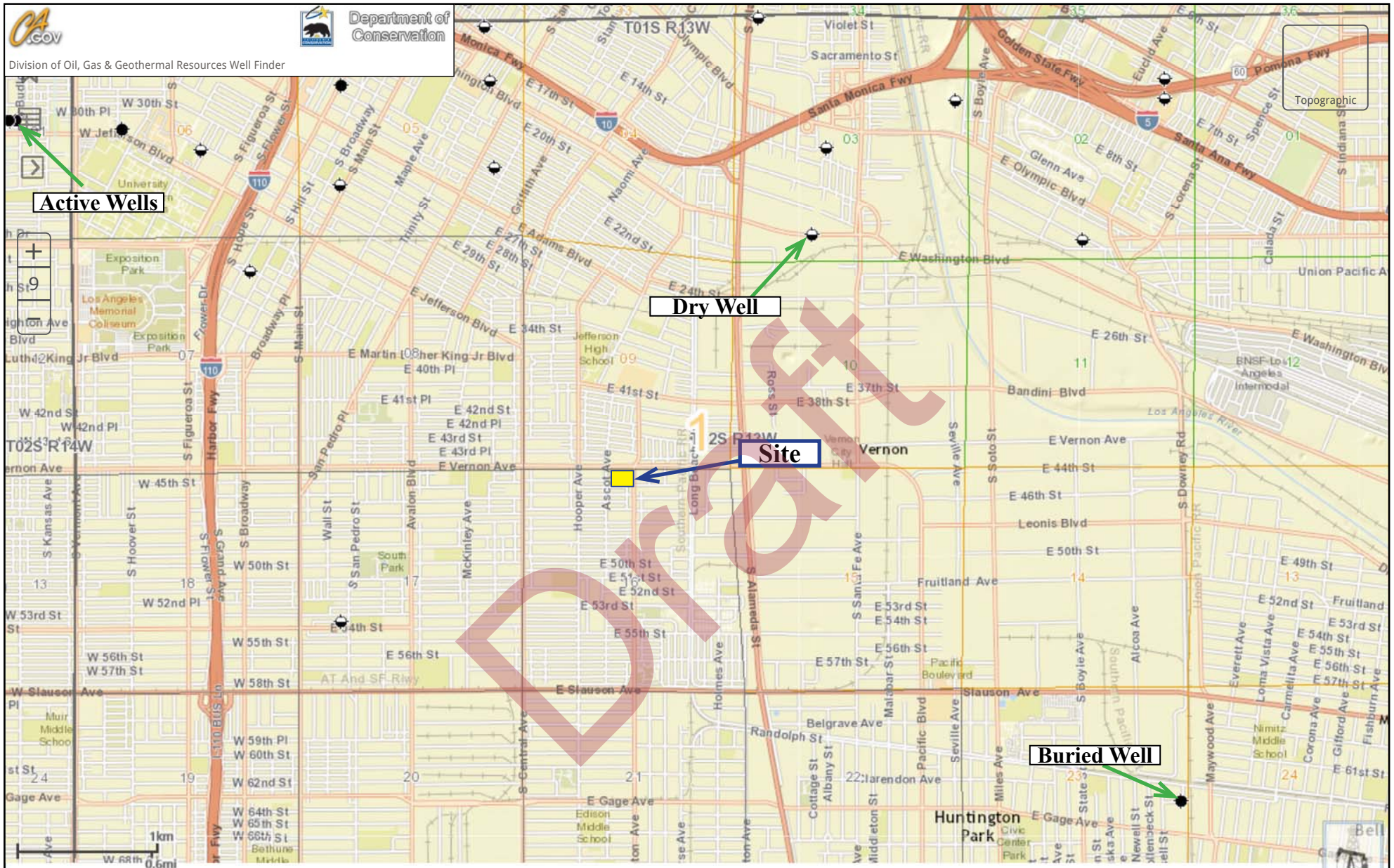


For PGA_M, T_L, C_{RS}, and C_{R1} values, please view the detailed report.

Although this information is a product of the U.S. Geological Survey, we provide no warranty, expressed or implied, as to the accuracy of the data contained therein. This tool is not a substitute for technical subject-matter knowledge.

Draft

KOURY ENGINEERING & TESTING, INC.	Project Name:	Project No.: 17-0172	Drawing Title:	Figure:
	Ascot Ave. Elementary School	Date: May 2017	Response Spectrum	A-7



Reference: California Department of Conservation, Division of Oil, Gas & Thermal Resources Well Finder (DOGGR)

KOURY ENGINEERING & TESTING, INC.	Project Name: Ascot Ave. Elementary School	Project No.: 17-0172 Date: May 2017	Drawing Title: Oil & Gas Map	Figure: A-8

APPENDIX B

Field Exploratory Boring Logs

Draft

KEY TO LOGS

SOILS CLASSIFICATION					
MAJOR DIVISIONS			GRAPHIC LOG	USCS SYMBOL	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	CLEAN GRAVELS LESS THAN 5% 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 MORE THAN 12% FINES		GM	SILTY GRAVELS, GRAVEL-SAND-SILT MIXTURES
				GC	CLAYEY GRAVELS, GRAVEL-SAND-CLAY MIXTURES
	SANDS 50% OR MORE OF COARSE FRACTION IS SMALLER THAN NO. 4 SIEVE	CLEAN SANDS LESS THAN 5% FINES		SW	WELL-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
				SP	POORLY-GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES
		SANDS WITH FINES MORE THAN 12% FINES		SM	SILTY SANDS, SAND-SILT MIXTURES
				SC	CLAYEY SANDS, SAND-CLAY MIXTURES
FINE GRAINED SOILS 50% OR MORE OF MATERIAL IS SMALLER THAN NO. 200 SIEVE SIZE	SILTS AND CLAYS LIQUID LIMIT IS 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 IS 50 OR MORE			MH	INORGANIC SILTS, MICACEOUS OR DIATOMACEOUS FINE SANDY OR GRAVELLY 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 AND OTHER HIGHLY ORGANIC SOILS

Draft

GRAIN SIZES							
SILT AND CLAY	SAND			GRAVEL		COBBLES	BOULDERS
	FINE	MEDIUM	COARSE	FINE	COARSE		
	#200	#40	#10	#4	3/4"	3"	12"
SIEVE SIZES							

KEY TO LOGS (continued)

SPT/CD BLOW COUNTS VS. CONSISTENCY/DENSITY					
FINE-GRAINED SOILS (SILTS, CLAYS, etc.)			GRANULAR SOILS (SANDS, GRAVELS, etc.)		
CONSISTENCY	*BLOWS/FOOT		RELATIVE DENSITY	*BLOWS/FOOT	
	SPT	CD		SPT	CD
SOFT	0-4	0-4	VERY LOOSE	0-4	0-8
FIRM	5-8	5-9	LOOSE	5-10	9-18
STIFF	9-15	10-18	MEDIUM DENSE	11-30	19-54
VERY STIFF	16-30	19-39	DENSE	31-50	55-90
HARD	over 30	over 39	VERY DENSE	over 50	over 90

* CONVERSION BETWEEN CALIFORNIA DRIVE SAMPLERS (CD) AND STANDARD PENETRATION TEST (SPT) BLOW COUNT HAS BEEN CALCULATED USING "FOUNDATION ENGINEERING HAND BOOK" BY H.Y. FANG. (**VALUES ARE FOR 140 Lbs HAMMER WEIGHT ONLY**)

DESCRIPTIVE ADJECTIVE VS. PERCENTAGE	
DESCRIPTIVE ADJECTIVE	PERCENTAGE REQUIREMENT
TRACE	1 - 10%
LITTLE	10 - 20%
SOME	20 - 35%
AND	35 - 50%

*THE FOLLOWING "DESCRIPTIVE TERMINOLOGY/ RANGES OF MOISTURE CONTENTS" HAVE BEEN USED FOR MOISTURE CLASSIFICATION IN THE LOGS.

APPROXIMATE MOISTURE CONTENT DEFINITION	
DEFINITION	DESCRIPTION
DRY	Dry to the touch; no observable moisture
SLIGHTLY MOIST	Some moisture but still a dry appearance
MOIST	Damp, but no visible water
VERY MOIST	Enough moisture to wet the hands
WET	Almost saturated; visible free water

Draft

Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-1

Sheet : 1 **of :** 1

Drilling Method : Hollow Stem 8" Auger
Sampling Method : CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-14-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
				0				3" of asphalt over 2" of aggregate base	
1	7.6							**FILL:**	#200 Wash Fines = 31%
2	7.2		1 2 1				SM	**Silty SAND;** fine to medium, trace of gravel, pockets of sandy silt, loose, slightly moist, dark yelllowish brown	#200 Wash Fines = 30%
				5					
3	3.1	96	--- 5 5						#200 Wash Fines = 15%
							SM	**ALLUVIUM: Silty SAND;** fine to medium, pockets of sandy silt, loose, slightly moist, yellowish brown	
4	2.0		4 5 3				SP-SM	**Poorly Graded SAND with SILT;** fine to medium, loose, dry	#200 Wash Fines = 5%
				10					
5	2.0	101	6 7 15					**Silty SAND;** fine to medium, medium dense, dry, pale brown	#200 Wash Fines = 15%
							SM		
				15					
6	3.6		7 15 18					Pockets of silt, trace of gravel, yellowish brown	#200 Wash Fines = 25%
				20				**Sandy SILT**; very stiff to hard, dry, olive brown	
7	3.0	111	10 23 33						#200 Wash Fines = 57% PP = 4.5 tsf
							ML		
				25					
8	6.2		8 8 8						#200 Wash Fines = 57%
								End of Boring @ 26' 6" No groundwater encountered	
				30					
				35					
				40					

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-2

Sheet : 1 **of :** 1

Drilling Method : Hollow Stem 8" Auger
Sampling Method : CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-14-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
				0				2.5" of asphalt over 6" of aggregate base	
1	4.9						SM	**FILL:** **Silty SAND;** fine, pockets of sandy silt, loose, slightly moist, dark yelllowish brown with white specks	#200 Wash Fines = 26%
2	6.8	97	2 2 3						#200 Wash Fines = 24%
3	7.1		2 2 4	5			SM	**ALLUVIUM:** **Silty SAND**; fine, pockets of sandy silt, loose, slightly moist, pale yellow	#200 Wash Fines = 43%
4	2.6	99	3 8 6				SP-SM	**Poorly Graded SAND with SILT;** fine to medium, medium dense, slightly moist, pale yellow	#200 Wash Fines = 6%
5	3.2		9 7 9	10					#200 Wash Fines = 7%
6	5.7	113	11 19 29	15			SM	**Silty SAND;** fine, medium dense, slightly moist, yellowish brown	#200 Wash Fines = 31%
7	11.3		7 7 7	20			ML	**Sandy SILT**; layers of sandy lean clay, stiff, moist, dark yellowish brown	#200 Wash Fines = 53% PP = 4 tsf
				25				End of Boring @ 21' 6" No groundwater encountered	
				30					
				35					
				40					

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-3

Sheet : 1 **of :** 2

Drilling Method : Hollow Stem 8" Auger
Sampling Method : Bulk - CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-14-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
				0				3" of concrete	
1							SC	**FILL:** **Clayey SAND;** fine, trace of gravel, dark yellowish brown	#200 Wash Fines = 39%
2	13.2	111	6 7 7				CL	**Sandy Lean CLAY;** trace of bricks and gravel, stiff, moist, dark yellowish brown	#200 Wash Fines = 50% PP=3-4.5 tsf
3	12.4		7 8 9	5			SM	**Silty SAND;** fine to medium, trace of gravel, medium dense, moist, light olive brown mottled with yellowish brown	#200 Wash Fines = 36%
4	15.7	100	7 8 9				SM	**ALLUVIUM:** **Silty SAND;** fine, loose, moist, olive brown	Consolidation
5	11.8		2 2 6	10					#200 Wash Fines = 31%
6	11.5	115	8 8 14	15					Consolidation
7	14.1		4 6 10	20			ML	**Sandy SILT**; layers of silty sand, very stiff, moist, oilve brown	#200 Wash Fines = 65%
8	20.3	99	7 11 16	25				Light Olive brown mottled with dark yellowish brown	#200 Wash Fines = 74%
9	19.4		4 6 10	30			CL	**Sandy Lean CLAY**; layers of sandy silt, very stiff, moist, olive brown	#200 Wash Fines =63%
10	2.9		50/6"	35			SP-SM	**Poorly Graded SAND with SILT;** fine to medium, trace of gravel, dense, dry, yellowish brown	#200 Wash Fines = 6%
				40			SP-SM	**Poorly Graded SAND with SILT and GRAVEL;** fine to coarse, dense, slightly moist, yellowish brown	

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-3

Sheet : 2 **of :** 2

Drilling Method : Hollow Stem 8" Auger
Sampling Method : Bulk - CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-14-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
11	14.4		12 12 17	40	X		SM	**Silty SAND**; layers of sandy silt, medium dense, light olive brown	#200 Wash Fines = 45%
								End of Boring @ 41' 6" No groundwater encountered	

45
50
55
60
65
70
75
80

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-4

Sheet : 1 **of :** 1

Drilling Method : Hollow Stem 8" Auger
Sampling Method : CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-14-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
				0				3" of asphalt over 3" of aggregate base	
1	7.6						SM	**FILL:** **Silty SAND;** fine to coarse, trace of gravel, some asphalt fragments, moist, dark yellowish brown	Fines = 20% Gradation Corrosivity #200 Wash Fines = 36%
2	8.5		8 5 3						
3	13.2	96	5 7 7	5			SM	**ALLUVIUM:** **Silty SAND;** fine to medium, loose to medium dense, moist, dark yellowish brown	#200 Wash Fines = 28%
4	3.8		3 6 7				SP	**Poorly Graded SAND;** fine to medium, medium dense, slighlty moist, yellowish brwon	#200 Wash Fines = 4%
5	6.3		11 19 23	10			SP-SM	**Poorly Graded SAND with SILT;** fine to medium, trace of gravel, dense, moist, yellowish brown	#200 Wash Fines = 11%
6	10.2		7 10 13	15			SM	**Silty SAND;** fine to medium, medium dense, moist, brown	#200 Wash Fines = 36%
7	13.5		5 5 8	20			ML	**Sandy SILT**; layers of sandy lean clay, stiff, moist, dark yellowish brown	#200 Wash Fines = 53%
				25				End of Boring @ 21' 6" No groundwater encountered	
				30					
				35					
				40					

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-5

Sheet : 1 **of :** 1

Drilling Method : Hollow Stem 8" Auger
Sampling Method : CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-13-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
				0				3" of asphalt over 7" of aggregate base	
1	5.7						SM	**FILL:** **Silty SAND;** fine to coarse, trace of gravel and bricks, loose, slightly moist, dark brown	#200 Wash Fines = 26%
2	7.3		1 1 1						#200 Wash Fines = 20%
				5			SP-SM	**ALLUVIUM:** **Poorly Graded SAND with SILT;** fine to medium, loose, slightly moist, dark yellowish brown	
3	4.1	102	4 5 8						Gradation Fines = 7%
4	6.9		5 5 7						#200 Wash Fines = 8%
5	8.5	115	4 3 5	10					#200 Wash Fines = 11%
				15			SP	**Poorly Graded Sand;** fine to medium, medium dense, dry, dark yellowish brown	
6	2.4		8 9 11						#200 Wash Fines = 4%
				20			ML	**Sandy SILT**; stiff, moist, brown	
7	14.0		3 4 5						#200 Wash Fines = 64%
				25				End of Boring @ 21' 6" No groundwater encountered	
				30					
				35					
				40					

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-6

Sheet : 1 **of :** 2

Drilling Method : Hollow Stem 8" Auger
Sampling Method : Bulk - CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-11-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
				0				3" of asphalt over 5" of aggregate base	
							SM	**FILL:** **Silty SAND;** fine to medium, loose, moist, brown	#200 Wash Fines = 46%
1	13.2	99	3 3 5						Direct Shear
2	6.6		3 4 4	5			SM	**ALLUVIUM:** **Silty SAND;** fine to medium, loose, moist, brown	#200 Wash Fines = 16%
3	4.6		5 5 6				SP-SM	**Poorly Graded SAND with SILT;** fine to medium, medium dense, moist, yellowish brown	#200 Wash Fines = 6%
4	5.7		7 9 11	10					#200 Wash Fines = 7%
5	9.2		5 7 12	15				Layers of sandy silt, brown	#200 Wash Fines = 42%
6	14.3	115	7 9 15	20			ML	**Sandy SILT**; very stiff, moist, dark yellowish brown	#200 Wash Fines = 61% PP = 4.5 tsf
7	14.3	110	6 10 12	25					#200 Wash Fines = 50%
8	5.0		12 12 15	30			SP-SM	**Poorly Graded SAND with SILT;** fine to medium, pockets of silt, medium dense, moist, yellowish brown	#200 Wash Fines =12%
9	4.0		50 24 22	35			SM	**Silty SAND;** fine to medium, trace of gravel, sandstone fragments, dense, slighlty moist, yellowish brown	#200 Wash Fines = 14%
				40			SP-SM	**Poorly Graded SAND with SILT;** fine, very dense, slightly moist, light yellowish brown	

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-6

Sheet : 2 **of :** 2

Drilling Method : Hollow Stem 8" Auger
Sampling Method : Bulk - CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 03-27-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
10	4.4	110	17 27 36	40	■		SP-SM	**Poorly Graded SAND with SILT;** fine, very dense, slightly moist, light yellowish brown	#200 Wash Fines = 6%
11	2.9		18 22 33	45	⊠				#200 Wash Fines = 8%
12	7.3		15 31 36	50	⊠		SM	**Silty SAND;** fine to medium, layers of sandy silt, trace of gravel, very dense, moist, yellowish brown	#200 Wash Fines = 23%
				55				End of Boring @ 51' 6" No groundwater encountered	
				60					
				65					
				70					
				75					
				80					

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-7

Sheet : 1 **of :** 1

Drilling Method : Hollow Stem 8" Auger
Sampling Method : CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-11-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
				0				2" of asphalt over 5" of aggregate base	
							SM	**FILL:** **Silty SAND;** fine, loose to medium dense, light brown	
1	7.9		6 5 5				SM	**ALLUVIUM:** **Silty SAND;** fine to medium, layers of sandy silt, loose to medium dense, moist, dark yellowish brown with yellowish brown	Gradation Fines = 26%
2	5.2	105	5 5 6	5					#200 Wash Fines = 13%
3	9.5		2 2 5						#200 Wash Fines = 19%
4	8.7	105	13 13 11	10			SP-SM	**Poorly Graded SAND with SILT;** fine to medium, pockets of clay, medium dense, moist, dark yellowish brown with light yellowish brown	#200 Wash Fines = 12%
5	11.1		7 11 12	15			SM	**Silty SAND;** fine to medium, layers of sandy silt, medium dense, moist, brown	#200 Wash Fines = 43%
6	13.8	111	10 10 20	20			ML	**Sandy SILT**; hard, moist , brown	#200 Wash Fines = 60% PP = 4.5 tsf
				25				End of Boring @ 21' 6" No groundwater encountered	
				30					
				35					
				40					

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-8

Sheet : 1 **of :** 2

Drilling Method : Hollow Stem 8" Auger
Sampling Method : Bulk - CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-13-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
				0				2" of concrete over 6" of aggregate base	
1	5.6						SM	**FILL:** **Silty SAND;** fine to coarse, trace of gravel, brick and asphalt, loose, slightly moist, dark brown	#200 Wash Fines = 23%
2	8.6		1 2 1				SM	**ALLUVIUM:** **Silty SAND;** fine to medium, loose, moist, dark yellowish brown	#200 Wash Fines = 21% Corrosivity
3	3.4	101	6 7 12	5			SP-SM	**Poorly Graded SAND with SILT;** fine to medium, trace of gravel, medium dense, slightly moist, light yellowish brown and yellowish brown	#200 Wash Fines = 7%
4	3.1		5 5 8				SP	**Poorly Graded SAND;** fine to medium, trace of gravel, medium dense, slightly moist, light yellowish brown and yellowish brown	
5	3.1	103	8 11 19	10					#200 Wash Fines = 4%
6	2.8		9 9 14	15			SP-SM	**Poorly Graded SAND with SILT;** fine to coarse, trace of gravel, medium dense, slightly moist, light yellowish brown	#200 Wash Fines = 6%
7	11.3	110	7 7 13	20			ML	**Sandy SILT**; layers of sandy lean clay and silty sand, very stiff, moist, dark yellowish brown	#200 Wash Fines = 52%
8	11.3		6 7 10	25					#200 Wash Fines = 50%
9	3.5	108	12 21 43	30			SP-SM	**Poorly Graded SAND with SILT;** fine to medium, dense, slightly moist, light yellowish brown with some yellowish brown	#200 Wash Fines =11%
10	14.3		5 5 9	35			SC	**Clayey SAND;** fine, layers of sandy lean clay ad sandy silt, medium dense and stiff, moist, yellowish brown	#200 Wash Fines = 36%
				40			SP-SM	**Poorly Graded SAND with SILT;** fine to medium, trace of gravel, dense, dry, yellowish brown	

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-8

Sheet : 2 **of :** 2

Drilling Method : Hollow Stem 8" Auger
Sampling Method : Bulk - CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-14-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
11	2.3		22 19 12	40	X		SP-SM	**Poorly Graded SAND with SILT;** fine to medium, trace of gravel, dense, dry, yellowish brown	#200 Wash Fines = 6%
								End of Boring @ 41' 6" No groundwater encountered	

45
50
55
60
65
70
75
80

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-9

Sheet : 1 **of :** 1

Drilling Method : Hollow Stem 8" Auger
Sampling Method : CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-12-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
				0				2.5" of asphalt over 5" of aggregate base	
1	5.4						SM	**FILL:** **Silty SAND;** fine to coarse, trace of gravel and asphalt, pockets of sandy silt, loose, slightly moist, dark yelllowish brown	#200 Wash Fines = 20%
2	8.4	111	3 2 4						#200 Wash Fines = 18%
				5			SM	**ALLUVIUM:** **Silty SAND;** fine to medium, layers of sandy silt, loose to medium dense, moist, dark yellowish brown with yellowish brown	
3	8.1		3 2 5						#200 Wash Fines = 17%
4	3.5	110	9 13 15				SP	**Poorly Graded SAND;** fine to medium, trace of gravel, medium dense, dry, light yellowish brown	#200 Wash Fines = 3%
5	4.9		6 7 9	10					
6	4.5	108	8 13 16	15					#200 Wash Fines = 4%
				20			CL	**Sandy Lean CLAY** ; layers of sandy silt, very stiff, moist, olive brown	
7	14.5		7 8 9						#200 Wash Fines = 58% PP = 4.5 tsf
								End of Boring @ 21' 6" No groundwater encountered	
				25					
				30					
				35					
				40					

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-10

Sheet : 1 **of :** 1

Drilling Method : Hollow Stem 8" Auger
Sampling Method : CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-13-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
				0				Grass over topsoil	
1	3.7						SM	**FILL:** **Silty SAND;** fine to medium, trace of gravel and asphalt, loose, slightly moist, yellowish brown	#200 Wash Fines = 21% #200 Wash Fines = 35%
2	10.2		2 3 4	5			SM	**ALLUVIUM:** **Silty SAND;** fine to medium, layers of sandy silt, loose to medium dense, moist, dark yellowish brown with yellowish brown	#200 Wash Fines = 32%
3	3.3	106	3 4 6				SP	**Poorly Graded SAND;** fine to medium, loose, slightly moist, light yellowish brown	#200 Wash Fines = 4%
4	4.2		4 5 6	10			SP-SM	**Poorly Graded SAND with SILT;** fine to medium, medium dense, slightly moist, light tan	#200 Wash Fines = 5%
5	5.2	111	11 16 29	15					
6	15.0		4 5 7	20			CL	**Sandy Lean CLAY** ; layers of sandy silt, very stiff, moist , dark yellowish brown	#200 Wash Fines = 55% PP = 2.7-4 tsf
7	19.3	110	8 8 8	25					#200 Wash Fines = 59% PP = 3.0 tsf
8	4.6		13 14 18	30			SP-SM	**Poorly Graded SAND with SILT**; fine to medium, dense, slightly moist, light yellowish brown with some yelllowish brown	#200 Wash Fines = 6%
				35				End of Boring @ 31' 6" No groundwater encountered	
				40					

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-11

Sheet : 1 **of :** 2

Drilling Method : Hollow Stem 8" Auger
Sampling Method : Bulk - CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-12-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
				0				2.5" of asphalt over 5" of aggregate base	
1	5.5						SM	**FILL:**	Gradation Fines = 22%
2	7.9		1 1 1					**Silty SAND;** fine to medium, trace of gravel and asphalt, pockets of silty sand, loose, slightly moist, dark yellowish brown	#200 Wash Fines = 25%
				5				**ALLUVIUM:**	
3	5.6	107	3 6 9					**Poorly Graded SAND with SILT;** fine to medium, medium dense, slightly moist, yellowish brown	#200 Wash Fines = 10% Direct Shear
4	3.6		4 5 9					fine to coarse sand, trace of gravel	Gradation Fines = 5%
				10					
5	5.0	103	11 13 16				SP-SM		#200 Wash Fines = 5%
				15					
6	4.9		18 18 15						#200 Wash Fines = 5%
				20				**Sandy SILT**; layers of sandy clay, very stiff, moist, brown and dark yellowish brown	
7	14.3	113	7 10 16				ML		#200 Wash Fines = 62% PP = 4.5 tsf Consolidation Direct Shear
				25					
8	16.4		6 8 9						#200 Wash Fines = 58% PP = 4.5 tsf
				30					
9	5.0	105	3 12 19				SP-SM	**Poorly Graded SAND with SILT;** fine to medium, medium dense, slightly moist, yellowish brown	#200 Wash Fines = 8%
				35					
10	7.2		9 16 13				SM	**Silty SAND;** fine to medium, layers of sandy clay, trace of gravel, medium dense, slightly moist, dark yellowish brown	#200 Wash Fines = 15%
				40			SP-SM	**Poorly Graded SAND with SILT;** fine to coarse, trace of gravel, dense, slightly moist, olive brown	

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-11

Sheet : 2 **of :** 2

Drilling Method : Hollow Stem 8" Auger
Sampling Method : Bulk - CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 03-27-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
11	3.8	115	24 26 50/4"	40			SP-SM	**Poorly Graded SAND with SILT;** fine to coarse, trace of gravel, dense, slightly moist, olive brown	#200 Wash Fines = 5%
12	6.6		16 19 27	45				layers of Silty SAND	#200 Wash Fines = 26%
13	20.7	103	7 15 22	50			ML	**Sandy SILT;** layers of sandy lean clay, very stiff to hard, moist, yellowish brown and dark yellowish brown	#200 Wash Fines = 60% PP = 1.5-3 tsf
14	2.4		20 27 50/5"	55			SP-SM	**Poorly Graded SAND with SILT;** fine to coarse, trace of gravel, very dense, slightly moist to dry, pale yellow	#200 Wash Fines = 12%
15	4.3	95	19 33 45	60					#200 Wash Fines = 5%
				65				End of Boring @ 61' 6" No groundwater encountered	
				70					
				75					
				80					

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Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-12

Sheet : 1 **of :** 2

Drilling Method : Hollow Stem 8" Auger
Sampling Method : Bulk - CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-12-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
				0				2.5" of asphalt over 6" of aggregate base	
1	9.7						SM	**FILL:** **Silty SAND;** fine to medium, pockets of clay, trace of gravel, loose, moist, dark yellowish brown	#200 Wash Fines = 34%
2	10.5		Push						#200 Wash Fines = 31%
3	4.3	107	3 4 5	5			SP-SM	**Poorly Graded SAND with SILT;** fine to medium, layers of sandy silt, loose to medium dense, moist, dark yellowish brown with yellowish brown	#200 Wash Fines = 12% Consolidation
4	5.5		5 4 4				SP-SM	**ALLUVIUM:** **Poorly Graded SAND with SILT;** fine to medium, trace of gravel, loose, moist, yellowish brown	#200 Wash Fines = 7%
5	6.5	105	7 10 14	10					#200 Wash Fines = 7%
6	12.4		4 6 12	15			SM	**Silty SAND;** fine to medium, layers of sandy silt and sandy lean clay, medium dense, moist, yellowish brown with dark yellowish brown	#200 Wash Fines = 41% PP=2.5-2.7 tsf
7	15.2	116	7 8 16	20			ML	**Sandy SILT**; layers of sandy lean clay, very stiff, moist, dark yellowish brown	#200 Wash Fines = 60%
8	14.3		6 8 13	25					#200 Wash Fines = 54%
9	6.1	101	7 13 18	30			SP-SM	**Poorly Graded SAND with SILT;** fine to medium, lenses of sandy lean clay, medium dense, slightly moist to moist, yellowish brown	#200 Wash Fines =12%
10	5.9		12 12 12	35					#200 Wash Fines = 12%
				40					

Bulk ⊠ CD ■ SPT ⊠

Draft

Boring Log

KOURY ENGINEERING & TESTING, INC.

Project No. : 17-0172
Project Name : Ascot ES

Boring No. : B-12

Sheet : 2 **of :** 2

Drilling Method : Hollow Stem 8" Auger
Sampling Method : Bulk - CD - SPT
Hammer Weight : 140 lbs **Drop Height :** 30"
Location : See Figure A-2

Ground Elevation:
Drilling Co. : Geoboden, Inc.
Date Drilled : 04-12-2017

Sample No.	Moisture Content (%)	Dry Unit Weight (pcf)	Blows per 6"	Depth (ft)	Sample Location	Graphic Log	Soil Type (USCS)	Description	Additional Tests
11	4.1	112	16 23 50	40			SP-SM	**Poorly Graded SAND with SILT;** fine to medium, lenses of sandy lean clay, medium dense, slightly moist to moist, yellowish brown	#200 Wash Fines = 5%
12	17.6		7 9 9	45			ML	**Sandy SILT;** very stiff, moist, olive brown	#200 Wash Fines = 57%
13	4.5	109	24 32 50/3"	50			SP-SM	**Poorly Graded SAND with SILT;** fine to medium, dense, slightly moist, light yellowish brown	#200 Wash Fines = 8%
14	3.1		24 20 24	55				trace to little gravel	#200 Wash Fines = 6% Gravel = 13%
15	2.4	116	24 31 50	60					#200 Wash Fines = 5%
				65				End of Boring @ 61' 6" No groundwater encountered	
				70					
				75					
				80					

Bulk ☒ CD ■ SPT ☒

Draft

APPENDIX C

Laboratory Test Results and Calculations

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Particle Size Distribution Report

% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	14.2	5.6	9.1	50.5	20.6	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/4	100.0		
1/2	97.9		
3/8	93.1		
#4	85.8		
#8	81.1		
#16	77.8		
#30	74.1		
#40	71.1		
#50	65.1		
#100	38.4		
#200	20.6		

* (no specification provided)

Material Description

Atterberg Limits

PL= LL= PI=

Coefficients

D_{90}= 7.6460 D_{85}= 4.2472 D_{60}= 0.2560
D_{50}= 0.1998 D_{30}= 0.1143 D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= AASHTO=

Remarks

Lab #4421 Series.

Location: B4 @ 1' - 2'
Sample Number: 4421 Series

Date: 8/19/17

Koury Engineering & Testing, Inc.

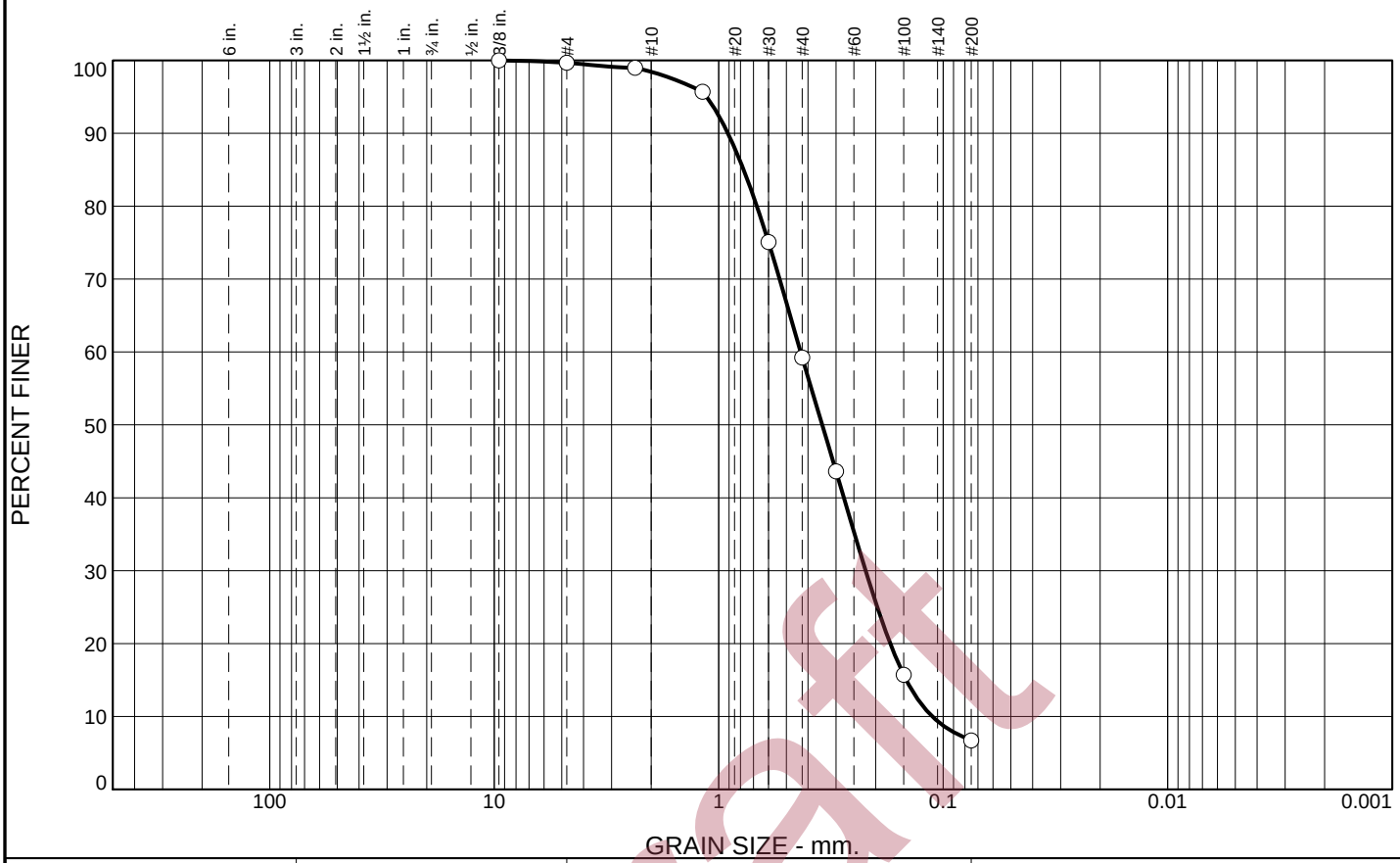
Chino, CA

Client:
Project: Ascot Ave. ES - School Site Modernization
Project No: 17-0172 **Figure**

Tested By: J.Roy/MF Perry **Checked By:** _____

Draft

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.3	1.3	39.2	52.5	6.7	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/8	100.0		
#4	99.7		
#8	99.0		
#16	95.7		
#30	75.1		
#40	59.2		
#50	43.6		
#100	15.7		
#200	6.7		

* (no specification provided)

Material Description

Atterberg Limits

PL= LL= PI=

Coefficients

D_{90}= 0.9093 D_{85}= 0.7743 D_{60}= 0.4322
D_{50}= 0.3461 D_{30}= 0.2217 D_{15}= 0.1461
D_{10}= 0.1119 C_u= 3.86 C_c= 1.02

Classification

USCS= AASHTO=

Remarks

Lab #4421 Series.

Location: B5 @ 5'
Sample Number: 4421 Series
Date: 4/24/17

Koury Engineering & Testing, Inc.

Chino, CA

Client:
Project: Ascot Ave. ES - School Site Modernization
Project No: 17-0172 **Figure**

Tested By: J.Roy/MF Perry **Checked By:** _____

Draft

Particle Size Distribution Report

% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.8	2.3	14.3	56.2	26.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1/2	100.0		
3/8	99.5		
#4	99.2		
#8	97.4		
#16	94.7		
#30	88.4		
#40	82.6		
#50	72.2		
#100	47.0		
#200	26.4		

* (no specification provided)

Material Description

Atterberg Limits

PL= LL= PI=

Coefficients

D_{90}= 0.6873 D_{85}= 0.4779 D_{60}= 0.2148
D_{50}= 0.1634 D_{30}= 0.0853 D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= AASHTO=

Remarks

Lab #4421 Series.

Location: B7 @ 2' - 3.5'
Sample Number: 4421 Series

Date: 4/19/17

Koury Engineering & Testing, Inc.

Chino, CA

Client:
Project: Ascot Ave. ES - School Site Modernization
Project No: 17-0172 **Figure**

Tested By: J.Roy/MF Perry **Checked By:** _____

Draft

Particle Size Distribution Report

% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	4.6	6.8	17.2	48.2	23.2	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1/2	100.0		
3/8	99.5		
#4	95.4		
#8	89.9		
#16	84.3		
#30	77.1		
#40	71.4		
#50	62.9		
#100	38.1		
#200	23.2		

* (no specification provided)

Material Description

Atterberg Limits

PL= LL= PI=

Coefficients

D_{90}= 2.4029 D_{85}= 1.2853 D_{60}= 0.2740
D_{50}= 0.2091 D_{30}= 0.1095 D_{15}=
D_{10}= C_u= C_c=

Classification

USCS= AASHTO=

Remarks

Lab #4421 Series.

Location: B11 @ 0' - 2'
Sample Number: 4421 Series

Date: 5/1/17

Koury Engineering & Testing, Inc.

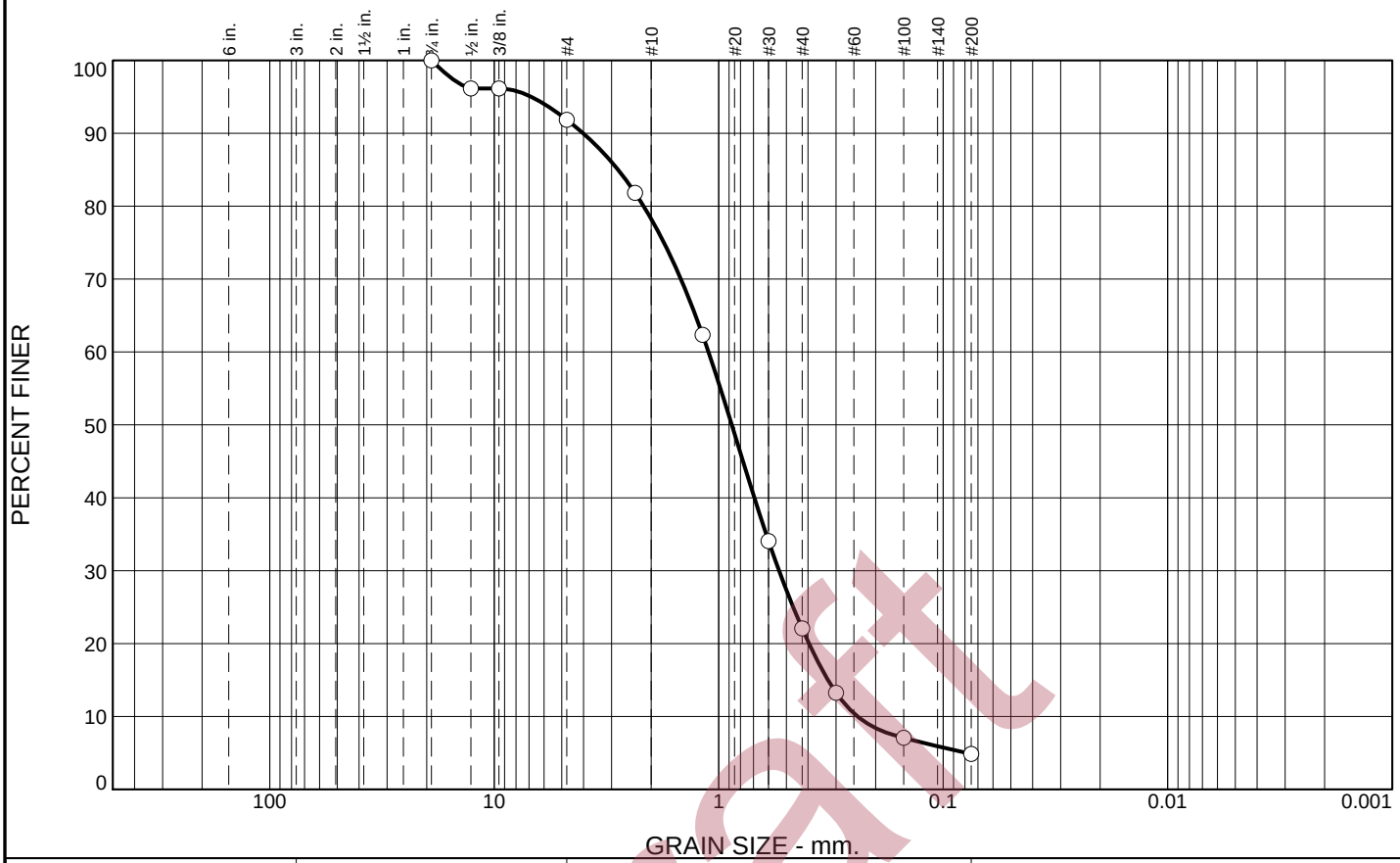
Chino, CA

Client:
Project: Ascot Ave. ES - School Site Modernization
Project No: 17-0172 **Figure**

Tested By: J.Roy/MF Perry **Checked By:** _____

Draft

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	8.1	13.6	56.2	17.2	4.9	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
3/4	100.0		
1/2	96.2		
3/8	96.2		
#4	91.9		
#8	81.8		
#16	62.4		
#30	34.1		
#40	22.1		
#50	13.2		
#100	7.1		
#200	4.9		

* (no specification provided)

Material Description

Atterberg Limits

PL= LL= PI=

Coefficients

D_{90}= 4.0166 D_{85}= 2.8090 D_{60}= 1.1101
D_{50}= 0.8743 D_{30}= 0.5389 D_{15}= 0.3264
D_{10}= 0.2409 C_u= 4.61 C_c= 1.09

Classification

USCS= SP AASHTO=

Remarks

Lab #4421 Series.

Location: B11 @ 8'
Sample Number: 4421 Series

Date: 5/1/17

Koury Engineering & Testing, Inc.

Chino, CA

Client:
Project: Ascot Ave. ES - School Site Modernization
Project No: 17-0172 **Figure**

Tested By: J.Roy/MF Perry **Checked By:** _____

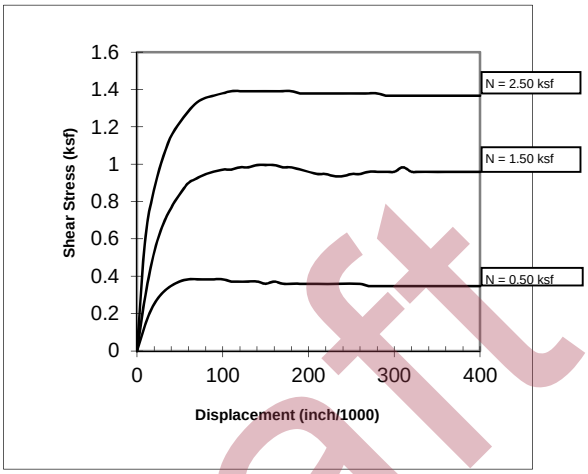
Draft

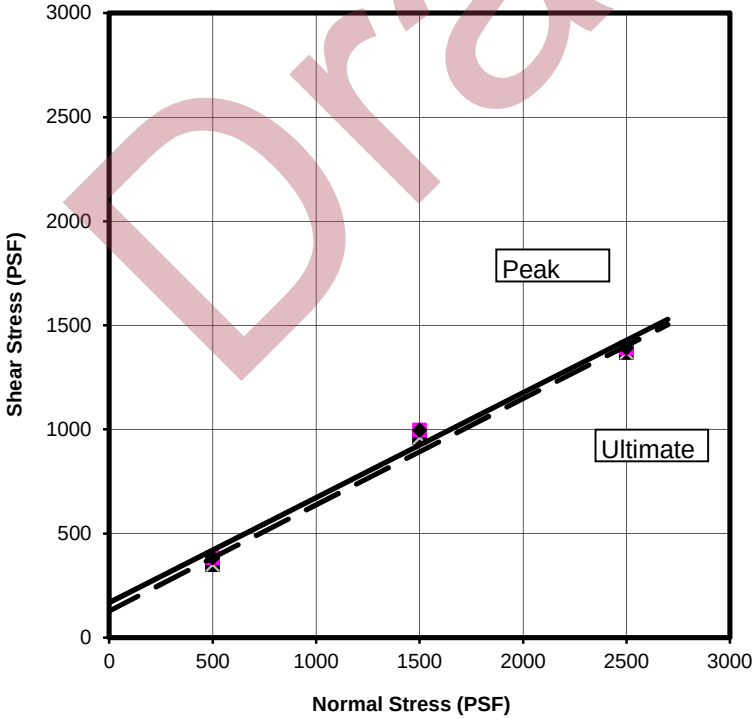
Direct Shear Test Report

Sample Identification	Sample Description	Sample Test State
B6 @ 3'	Olive Brown Clayey Sand	Saturated-Consolidated

Peak:	**Phi (Degrees)**	**26.7**	(Avg.Dry Dens. = 99.0 pcf)
	Cohesion (PSF)	**168.0**	(Avg.Moist. = 16.1 %)
Ultimate:	**Phi (Degrees)**	**27.0**	
	Cohesion (PSF)	**128.1**	

☑ **Relatively Undisturbed**
☐ **Remolded**





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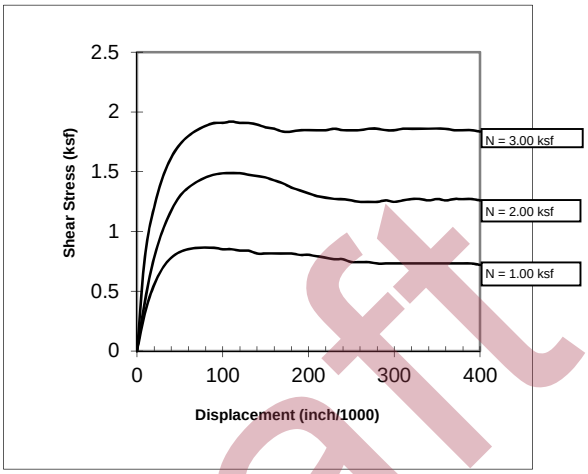
KOURY ENGINEERING & TESTING, INC.	Project Name:	Project No.: 17-0172	Lab #
	Ascot ES	Date: 5/10/17	4421 Series

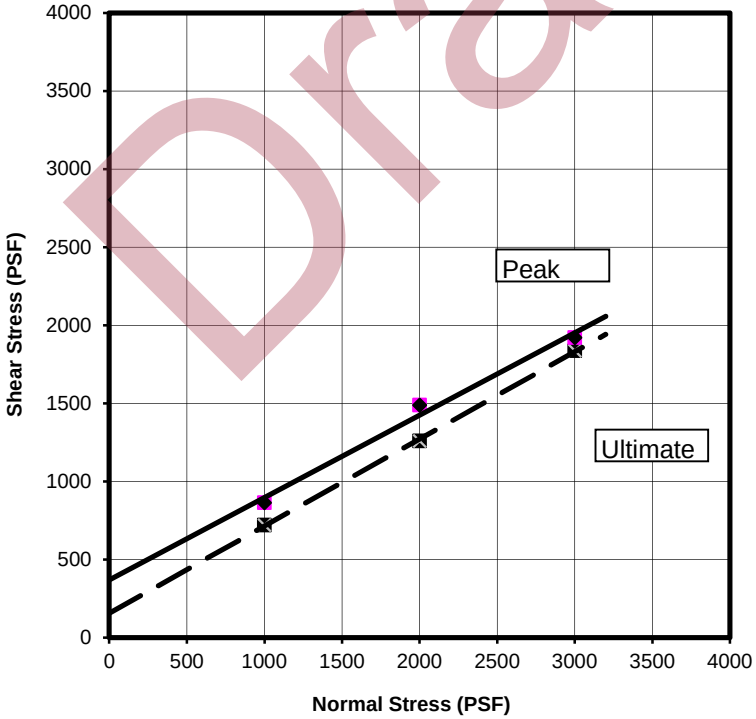
Direct Shear Test Report

Sample Identification	Sample Description	Sample Test State
B11 @ 6'	Olive Brown Silty Sand	Saturated-Consolidated

Peak:	**Phi (Degrees)**	**27.8**	(Avg.Dry Dens. = 99.4 pcf)
	Cohesion (PSF)	**368.0**	(Avg.Moist. = ? %)
Ultimate:	**Phi (Degrees)**	**29.2**	
	Cohesion (PSF)	**156.0**	

☑ **Relatively Undisturbed**
☐ **Remolded**





Draft

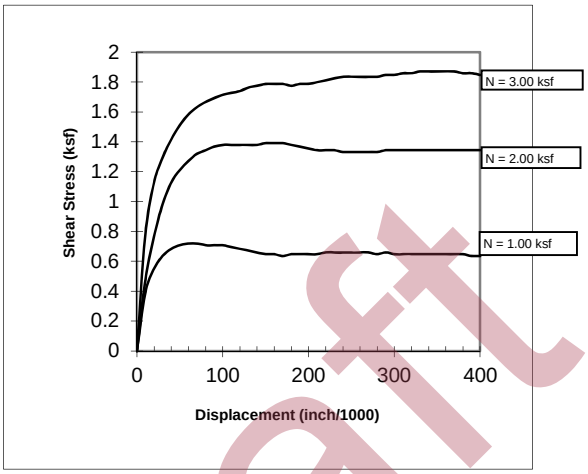
KOURY ENGINEERING & TESTING, INC.	Project Name:	Project No.: 17-0172	Lab #
	Ascot Ave. ES	Date: 5/8/17	4421 Series

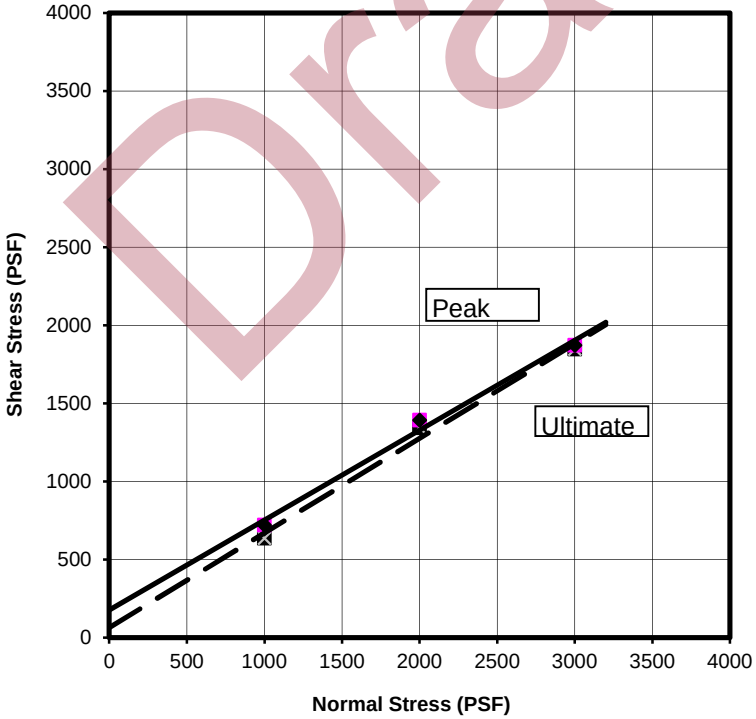
Direct Shear Test Report

Sample Identification	Sample Description	Sample Test State
B11 @ 21'	Olive Brown Clayey Sandy Silt	Saturated-Consolidated

Peak:	**Phi (Degrees)**	**29.9**	(Avg.Dry Dens. = 106.9 pcf)
	Cohesion (PSF)	**176.0**	(Avg.Moist. = 14.3 %)
Ultimate:	**Phi (Degrees)**	**31.2**	
	Cohesion (PSF)	**64.0**	

☑ **Relatively Undisturbed**
☐ **Remolded**





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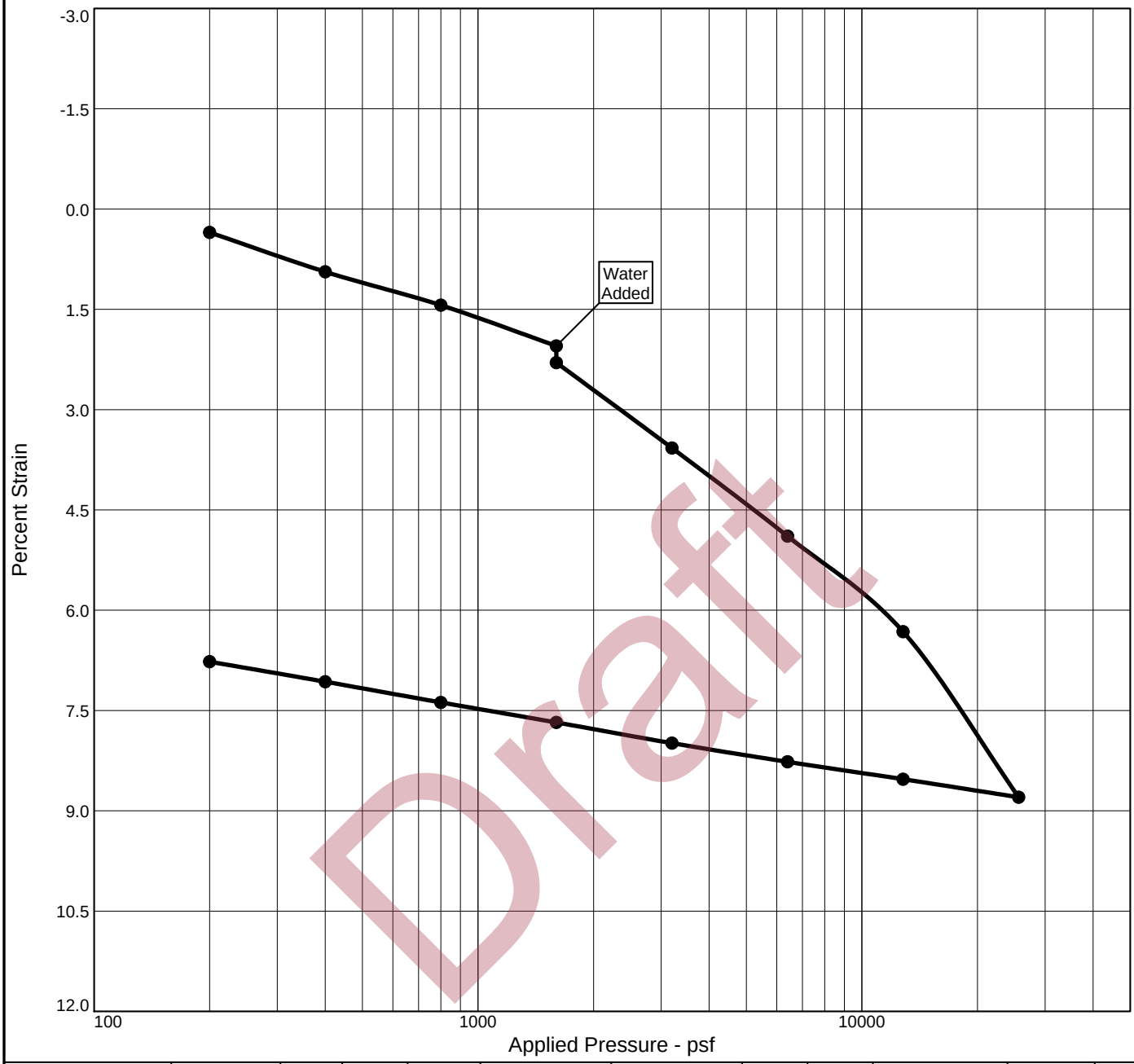
KOURY ENGINEERING & TESTING, INC.	Project Name:	Project No.: 17-0172	Lab #
	Ascot Ave. ES	Date: 5/5/17	4421 Series

CONSOLIDATION TEST REPORT



Natural Sat.	Natural Moist.	Dry Dens. (pcf)	LL	PI	Sp. Gr.	Overburden (psf)	P_c (psf)	C_c	C_s	Swell Press. (psf)	Clpse. %	e_o
50.8 %	13.7 %	97.7			2.7		12759	0.15	0.02		0.2	0.726

MATERIAL DESCRIPTION	USCS	AASHTO
Dark Olive Brown Silty Sand	SM	

Project No. 17-0172 **Client:**

Project: Ascot Ave. ES - School Site Modernization

Location: B3 @ 8' **Sample Number:** 4421 Series

Koury Engineering & Testing, Inc.

Chino, CA

Remarks:
Lab #4421 Series.

Figure

Tested By: Mathew F. Perry **Checked By:** _____

CONSOLIDATION TEST REPORT

Natural Sat.	Natural Moist.	Dry Dens. (pcf)	LL	PI	Sp. Gr.	Overburden (psf)	P_c (psf)	C_c	C_s	Swell Press. (psf)	Clpse. %	e_o
61.7 %	14.4 %	103.3			2.7		7183	0.14	0.01		0.4	0.632

MATERIAL DESCRIPTION	USCS	AASHTO
Olive Brown Silty Sand	SM	

Project No. 17-0172 **Client:**

Project: Ascot Ave. ES - School Site Modernization

Location: B3 @ 16' **Sample Number:** 4421 Series

Remarks:
Lab #4421 Series.

Koury Engineering & Testing, Inc.

Chino, CA

Figure

Tested By: Mathew F. Perry **Checked By:** _____

CONSOLIDATION TEST REPORT

Natural		Dry Dens. (pcf)	LL	PI	Sp. Gr.	Overburden (psf)	P_c (psf)	C_c	C_s	Swell Press. (psf)	Clpse. %	e_o
Sat.	Moist.											
63.1 %	13.5 %	106.9			2.7		7488	0.12	0.01		0.1	0.577

MATERIAL DESCRIPTION	USCS	AASHTO
Olive Brown Silty Sand		

Project No. 17-0172 **Client:**

Project: Ascot Ave. ES - School Site Modernization

Location: B11 @ 21' **Sample Number:** 4421 Series

Remarks:
Lab #4421 Series.

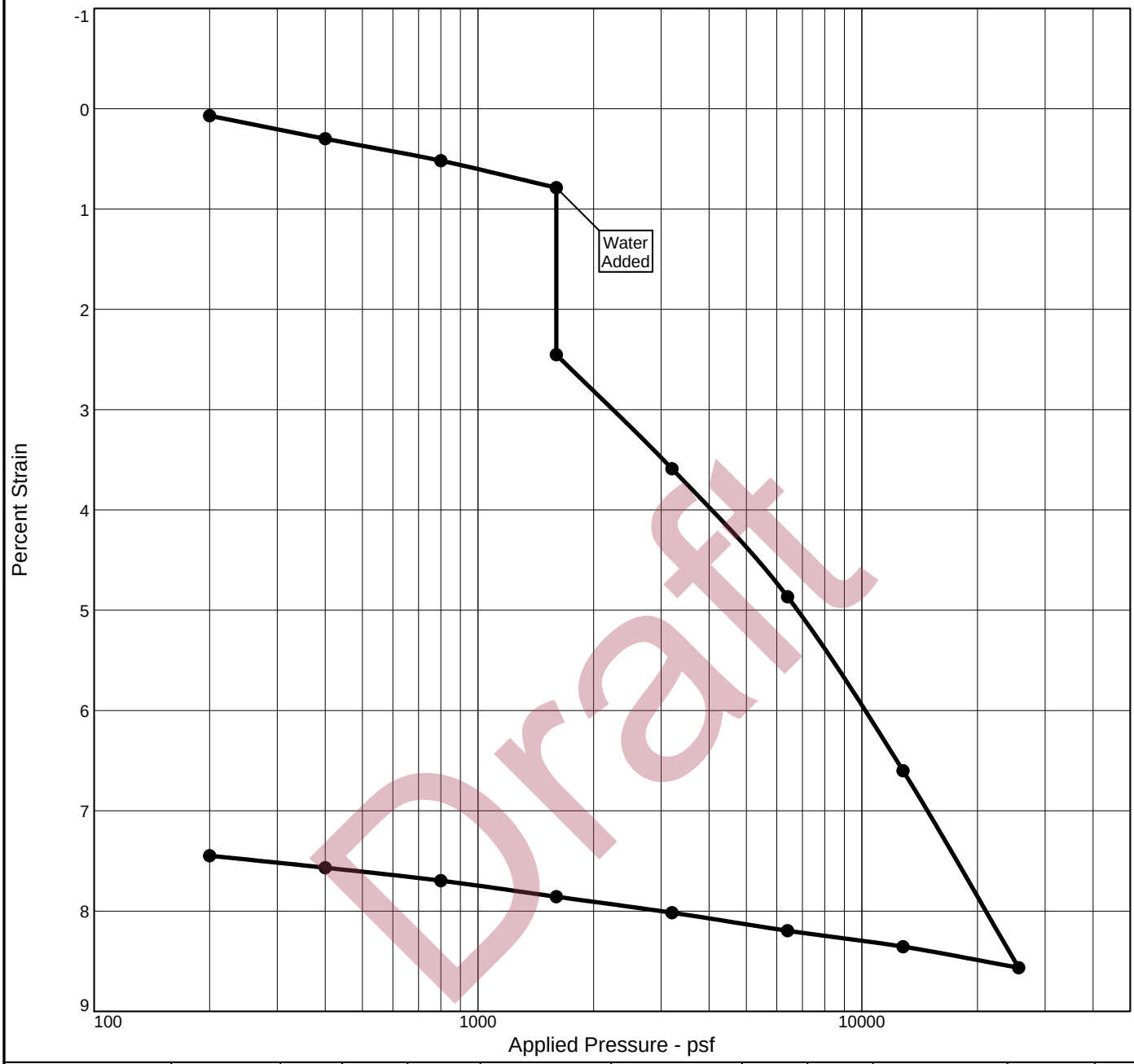
Koury Engineering & Testing, Inc.

Chino, CA

Figure

Tested By: Mathew F. Perry **Checked By:** _____

CONSOLIDATION TEST REPORT



Natural		Dry Dens. (pcf)	LL	PI	Sp. Gr.	Overburden (psf)	P_c (psf)	C_c	C_s	Swell Press. (psf)	Clpse. %	e_o
Sat.	Moist.											
17.9 %	3.8 %	107.5			2.7		7382	0.10	0.01		1.7	0.568

MATERIAL DESCRIPTION	USCS	AASHTO
Olive Brown Silty Coarse Sand with Gravel	SM	

Project No. 17-0172 **Client:**

Project: Ascot Ave. ES - School Site Modernization

Location: B12 @ 6' **Sample Number:** 4421 Series

Remarks:
Lab #4421 Series.

Koury Engineering & Testing, Inc.

Chino, CA

Figure

Tested By: Mathew F. Perry **Checked By:** _____

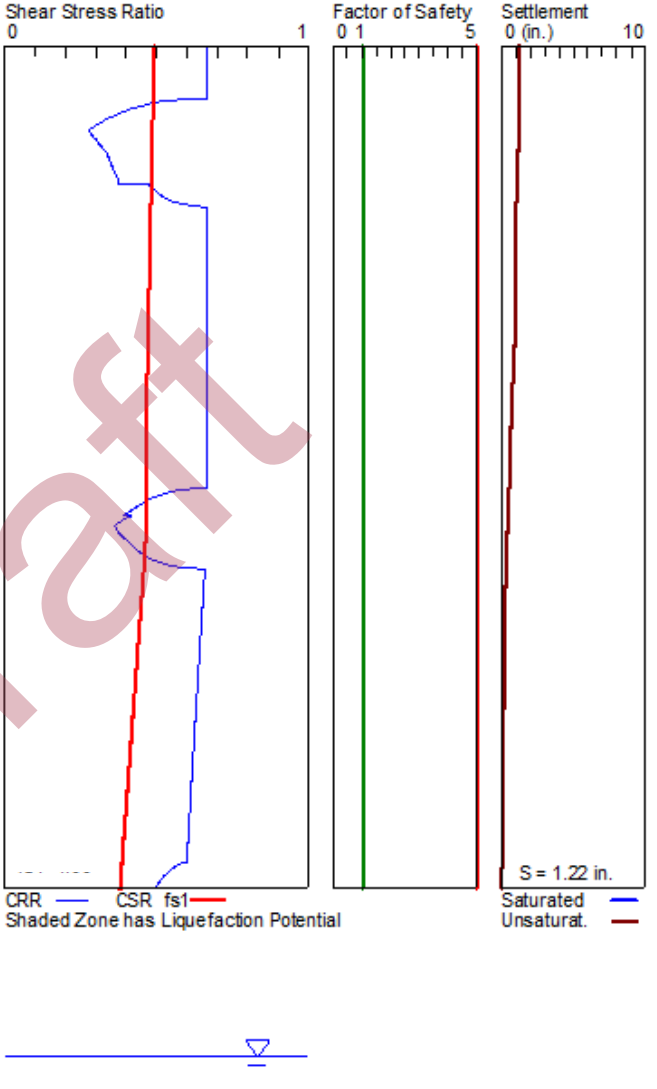
LIQUEFACTION ANALYSIS

17-0172-Ascot

Hole No.=B-11 Water Depth=60 ft Surface Elev.=196

Magnitude=6.7
Acceleration=0.76g

(ft)	Raw SPT	Unit Weight	Fines %	Soil Description
0	20	120	25	Fill
	9	113	10	Poorly graded sand
	14	113	5	Poorly graded sand
10	17	108	5	Poorly graded sand
	33	108	5	Poorly graded sand
	16	129	62	Sandy silt
20				
	17	129	58	Sandy silt
	19	110	8	Poorly graded sand
30				
	29	115	15	Silty sand
	46	119	5	Poorly graded sand
40				
	46	119	26	Poorly graded sand
	22	124	60	Sandy silt
50				
60				
70				



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LiquefyPro CivilTech Software USA www.civiltech.com

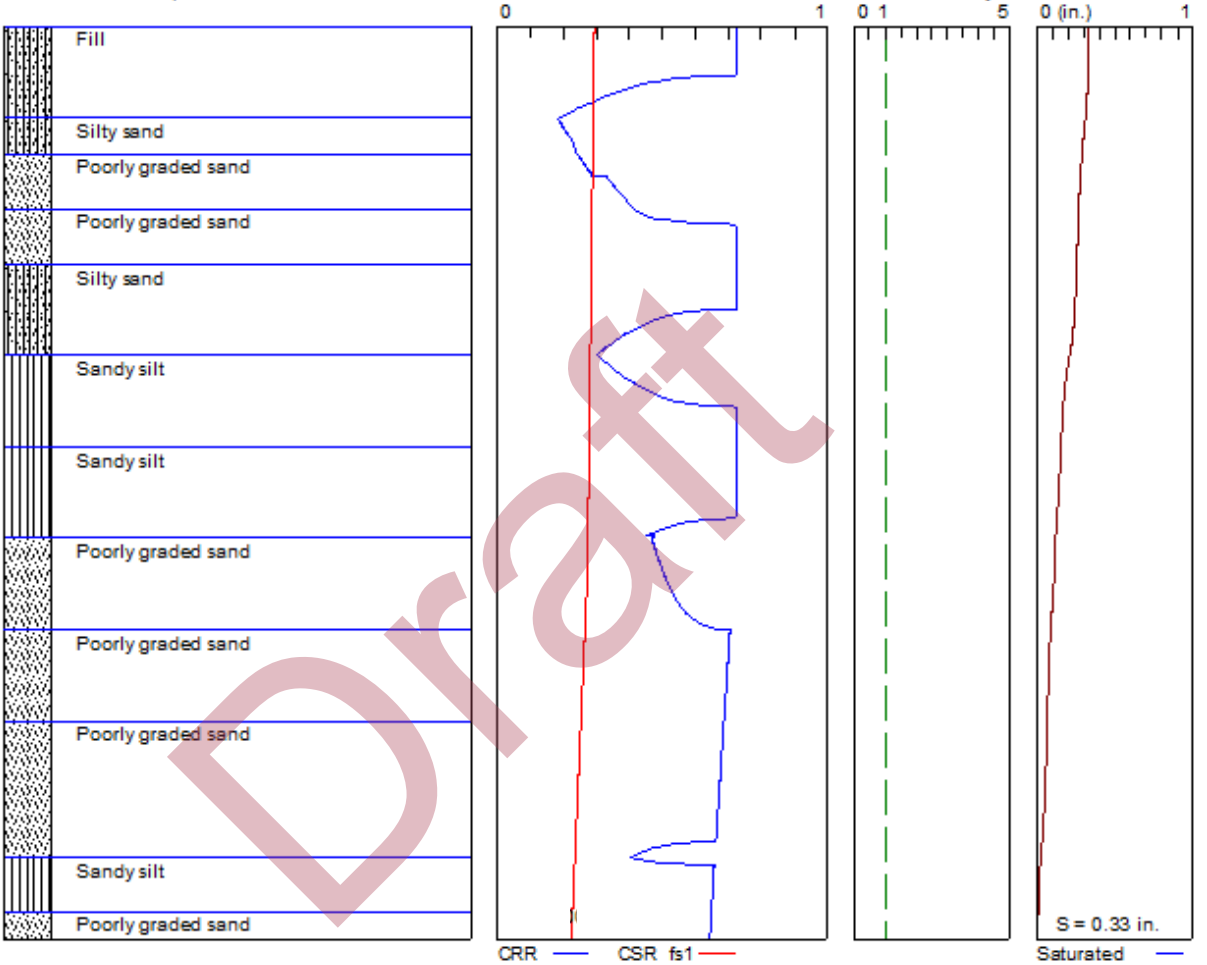
LIQUEFACTION ANALYSIS

17-0172-Ascot

Hole No.=B-12 Water Depth=60 ft Surface Elev.=196

Magnitude=6.5
Acceleration=0.45g

(ft)	Raw SPT	Unit Weight	Fines %	Soil Description
0	20	120	34	Fill
	5	112	12	Silty sand
	8	112	7	Poorly graded sand
10	14	112	5	Poorly graded sand
	18	120	41	Silty sand
	8	129	60	Sandy silt
20				
	21	129	54	Sandy silt
	20	107	12	Poorly graded sand
30				
	24	107	12	Poorly graded sand
	44	117	5	Poorly graded sand
40				
	18	129	57	Sandy silt
	44	114	8	Poorly graded sand
50				
60				
70				



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LiquefyPro CivilTech Software USA www.civiltech.com

APPENDIX D

Historical Earthquake Data

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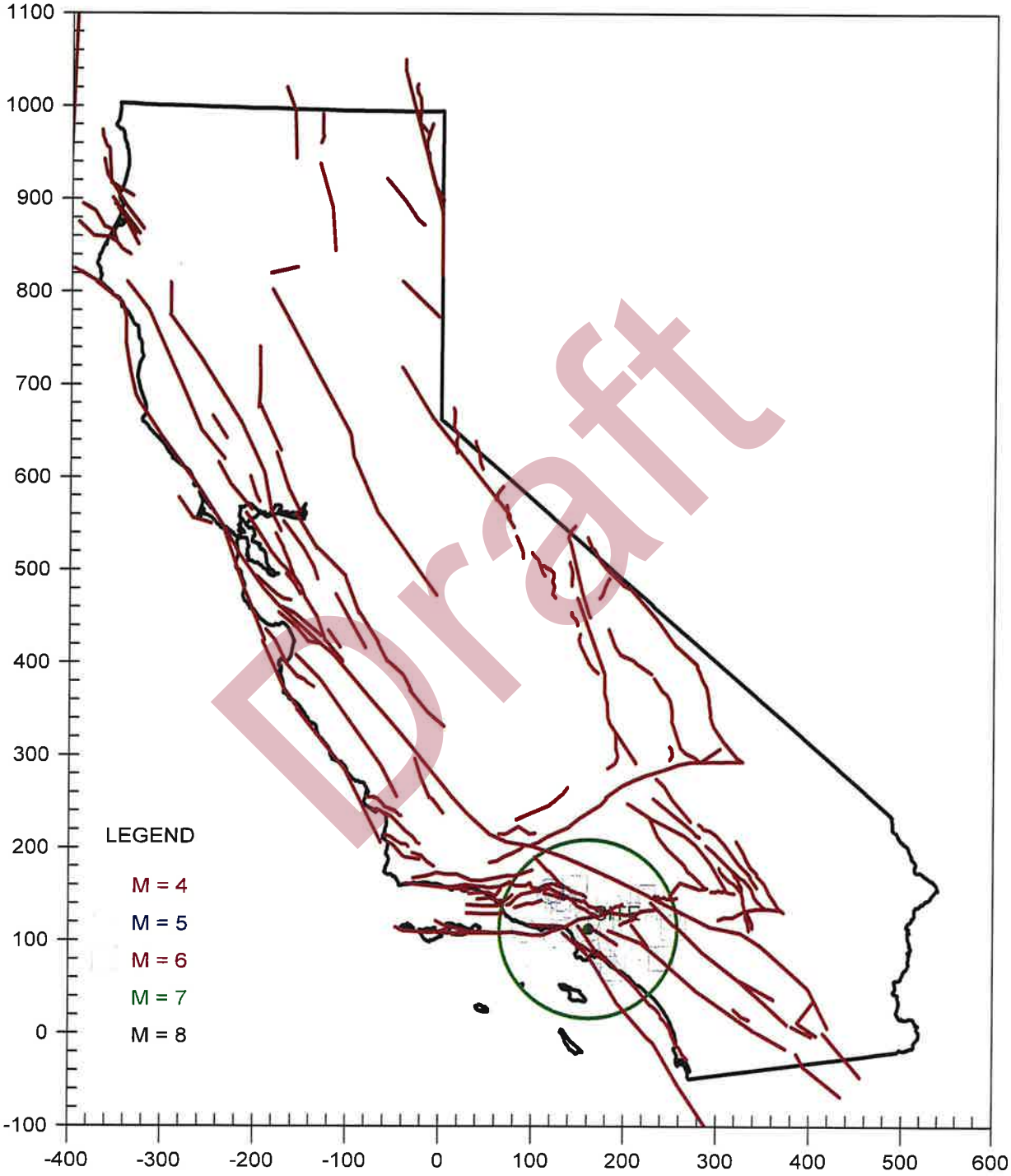
EARTHQUAKE EPICENTER MAP

Ascot



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*************************
*                       *
*    E Q S E A R C H    *
*                       *
*     Version 3.00      *
*                       *
*************************
```

ESTIMATION OF
PEAK ACCELERATION FROM
CALIFORNIA EARTHQUAKE CATALOGS

JOB NUMBER: 17-0172

DATE: 05-17-2017

JOB NAME: Ascot

EARTHQUAKE-CATALOG-FILE NAME: ALLQUAKE.DAT

MAGNITUDE RANGE:
   MINIMUM MAGNITUDE: 5.00
   MAXIMUM MAGNITUDE: 9.00

SITE COORDINATES:
   SITE LATITUDE: 34.0032
   SITE LONGITUDE: 118.2488

SEARCH DATES:
   START DATE: 1800
   END DATE: 2000

SEARCH RADIUS:
   60.0 mi
   96.6 km

ATTENUATION RELATION: 14) Campbell & Bozorgnia (1997 Rev.) - Alluvium
   UNCERTAINTY (M=Median, S=Sigma): M Number of Sigmas: 0.0
   ASSUMED SOURCE TYPE: DS [SS=Strike-slip, DS=Reverse-slip, BT=Blind-thrust]
   SCOND: 0 Depth Source: A
   Basement Depth: 5.00 km Campbell SSR: 0 Campbell SHR: 0
   COMPUTE PEAK HORIZONTAL ACCELERATION

MINIMUM DEPTH VALUE (km): 3.0

Draft

EARTHQUAKE SEARCH RESULTS

FILE CODE	LAT. NORTH	LONG. WEST	DATE	TIME (UTC) H M Sec	DEPTH (km)	QUAKE MAG.	SITE ACC. g	SITE MM INT.	APPROX. DISTANCE mi [km]
T-A	34.0000	118.2500	01/10/1856	0 0 0.0	0.0	5.00	0.255	IX	0.2(0.4)
T-A	34.0000	118.2500	09/23/1827	0 0 0.0	0.0	5.00	0.255	IX	0.2(0.4)
T-A	34.0000	118.2500	03/26/1860	0 0 0.0	0.0	5.00	0.255	IX	0.2(0.4)
MGI	34.0000	118.3000	09/03/1905	540 0.0	0.0	5.30	0.275	IX	2.9(4.7)
MGI	34.0800	118.2600	07/16/1920	18 8 0.0	0.0	5.00	0.149	VIII	5.3(8.6)
PAS	34.0730	118.0980	10/04/1987	105938.2	8.2	5.30	0.106	VII	9.9(15.9)
PAS	34.0610	118.0790	10/01/1987	144220.0	9.5	5.90	0.162	VIII	10.5(16.9)
DMG	33.8500	118.2670	03/11/1933	1425 0.0	0.0	5.00	0.076	VII	10.6(17.1)
MGI	34.1000	118.1000	07/11/1855	415 0.0	0.0	6.30	0.207	VIII	10.8(17.4)
MGI	34.0000	118.0000	12/25/1903	1745 0.0	0.0	5.00	0.053	VI	14.2(22.9)
DMG	34.0000	118.5000	08/04/1927	1224 0.0	0.0	5.00	0.052	VI	14.4(23.1)
MGI	34.0000	118.5000	11/19/1918	2018 0.0	0.0	5.00	0.052	VI	14.4(23.1)
DMG	33.7830	118.2500	11/14/1941	84136.3	0.0	5.40	0.068	VI	15.2(24.5)
DMG	33.7830	118.1330	10/02/1933	91017.6	0.0	5.40	0.060	VI	16.6(26.7)
DMG	33.7500	118.0830	03/11/1933	323 0.0	0.0	5.00	0.034	V	19.9(32.0)
DMG	33.7500	118.0830	03/11/1933	910 0.0	0.0	5.10	0.037	V	19.9(32.0)
DMG	33.7500	118.0830	03/11/1933	2 9 0.0	0.0	5.00	0.034	V	19.9(32.0)
DMG	33.7500	118.0830	03/11/1933	230 0.0	0.0	5.10	0.037	V	19.9(32.0)
DMG	33.7500	118.0830	03/13/1933	131828.0	0.0	5.30	0.043	VI	19.9(32.0)
GSP	34.2310	118.4750	03/20/1994	212012.3	13.0	5.30	0.042	VI	20.4(32.8)
GSP	34.2130	118.5370	01/17/1994	123055.4	18.0	6.70	0.114	VII	21.9(35.3)
DMG	33.9500	118.6320	08/31/1930	04036.0	0.0	5.20	0.034	V	22.2(35.8)
PAS	33.9190	118.6270	01/19/1989	65328.8	11.9	5.00	0.029	V	22.4(36.1)
GSP	34.2620	118.0020	06/28/1991	144354.5	11.0	5.40	0.039	V	22.8(36.6)
DMG	33.7000	118.0670	03/11/1933	51022.0	0.0	5.10	0.030	V	23.4(37.6)
DMG	33.7000	118.0670	03/11/1933	85457.0	0.0	5.10	0.030	V	23.4(37.6)
DMG	34.3080	118.4540	02/09/1971	144346.7	6.2	5.20	0.031	V	24.1(38.8)
DMG	34.2000	117.9000	08/28/1889	215 0.0	0.0	5.50	0.039	V	24.1(38.8)
DMG	33.6830	118.0500	03/11/1933	658 3.0	0.0	5.50	0.038	V	24.9(40.0)
PAS	33.9440	118.6810	01/01/1979	231438.9	11.3	5.00	0.025	V	25.1(40.4)
GSB	34.3010	118.5650	01/17/1994	204602.4	9.0	5.20	0.026	V	27.4(44.0)
GSP	34.3050	118.5790	01/29/1994	112036.0	1.0	5.10	0.023	IV	28.1(45.2)
DMG	34.3000	118.6000	04/04/1893	1940 0.0	0.0	6.00	0.046	VI	28.7(46.1)
DMG	34.4110	118.4010	02/09/1971	141028.0	8.0	5.30	0.025	V	29.5(47.4)
DMG	34.4110	118.4010	02/09/1971	14 1 8.0	8.0	5.80	0.038	V	29.5(47.4)
DMG	34.4110	118.4010	02/09/1971	14 041.8	8.4	6.40	0.061	VI	29.5(47.4)
DMG	34.4110	118.4010	02/09/1971	14 244.0	8.0	5.80	0.038	V	29.5(47.4)
DMG	33.6170	118.0170	03/14/1933	19 150.0	0.0	5.10	0.021	IV	29.8(47.9)
DMG	33.6170	117.9670	03/11/1933	154 7.8	0.0	6.30	0.052	VI	31.2(50.2)
GSP	34.1400	117.7000	02/28/1990	234336.6	5.0	5.20	0.020	IV	32.8(52.7)
DMG	33.5750	117.9830	03/11/1933	518 4.0	0.0	5.20	0.020	IV	33.3(53.5)
GSP	34.3780	118.6180	01/19/1994	211144.9	11.0	5.10	0.018	IV	33.4(53.7)
GSP	34.3260	118.6980	01/17/1994	233330.7	9.0	5.60	0.026	V	34.0(54.7)

GSP	34.3690	118.6720	04/26/1997	103730.7	16.0	5.10	0.017	IV	35.0(56.3)
DMG	34.5190	118.1980	08/23/1952	10 9 7.1	13.1	5.00	0.015	IV	35.7(57.5)
GSP	34.3940	118.6690	06/26/1995	084028.9	13.0	5.00	0.015	IV	36.1(58.1)
GSP	34.3770	118.6980	01/18/1994	004308.9	11.0	5.20	0.017	IV	36.4(58.6)
GSB	34.3790	118.7110	01/19/1994	210928.6	14.0	5.50	0.022	IV	37.0(59.6)
MGI	33.8000	117.6000	04/22/1918	2115 0.0	0.0	5.00	0.013	III	39.7(63.9)
DMG	34.3000	117.6000	07/30/1894	512 0.0	0.0	6.00	0.027	V	42.4(68.2)
DMG	34.3700	117.6500	12/08/1812	15 0 0.0	0.0	7.00	0.058	VI	42.6(68.5)
MGI	34.0000	117.5000	12/16/1858	10 0 0.0	0.0	7.00	0.058	VI	42.9(69.0)
DMG	34.0000	119.0000	09/24/1827	4 0 0.0	0.0	7.00	0.057	VI	43.0(69.2)

EARTHQUAKE SEARCH RESULTS

Page 2

FILE CODE	LAT. NORTH	LONG. WEST	DATE	TIME (UTC) H M Sec	DEPTH (km)	QUAKE MAG.	SITE ACC. g	SITE MM INT.	APPROX. DISTANCE mi [km]
MGI	34.0000	119.0000	12/14/1912	0 0 0.0	0.0	5.70	0.020	IV	43.0(69.2)
DMG	34.2700	117.5400	09/12/1970	143053.0	8.0	5.40	0.015	IV	44.5(71.6)
DMG	34.0650	119.0350	02/21/1973	144557.3	8.0	5.90	0.022	IV	45.2(72.7)
DMG	33.6990	117.5110	05/31/1938	83455.4	10.0	5.50	0.015	IV	47.2(76.0)
DMG	34.3000	117.5000	07/22/1899	2032 0.0	0.0	6.50	0.034	V	47.4(76.3)
DMG	34.2000	117.4000	07/22/1899	046 0.0	0.0	5.50	0.014	IV	50.4(81.1)
DMG	33.7000	117.4000	05/15/1910	1547 0.0	0.0	6.00	0.019	IV	53.0(85.3)
DMG	33.7000	117.4000	04/11/1910	757 0.0	0.0	5.00	0.009	III	53.0(85.3)
DMG	33.7000	117.4000	05/13/1910	620 0.0	0.0	5.00	0.009	III	53.0(85.3)
PAS	33.6710	119.1110	09/04/1981	155050.3	5.0	5.30	0.011	III	54.5(87.7)
MGI	34.1000	117.3000	07/15/1905	2041 0.0	0.0	5.30	0.011	III	54.7(88.0)
DMG	34.0000	117.2500	07/23/1923	73026.0	0.0	6.25	0.021	IV	57.2(92.0)

****

-END OF SEARCH- 65 EARTHQUAKES FOUND WITHIN THE SPECIFIED SEARCH AREA.

TIME PERIOD OF SEARCH: 1800 TO 2000

LENGTH OF SEARCH TIME: 201 years

THE EARTHQUAKE CLOSEST TO THE SITE IS ABOUT 0.2 MILES (0.4 km) AWAY.

LARGEST EARTHQUAKE MAGNITUDE FOUND IN THE SEARCH RADIUS: 7.0

LARGEST EARTHQUAKE SITE ACCELERATION FROM THIS SEARCH: 0.275 g

COEFFICIENTS FOR GUTENBERG & RICHTER RECURRENCE RELATION:
a-value= 1.191
b-value= 0.384
beta-value= 0.884

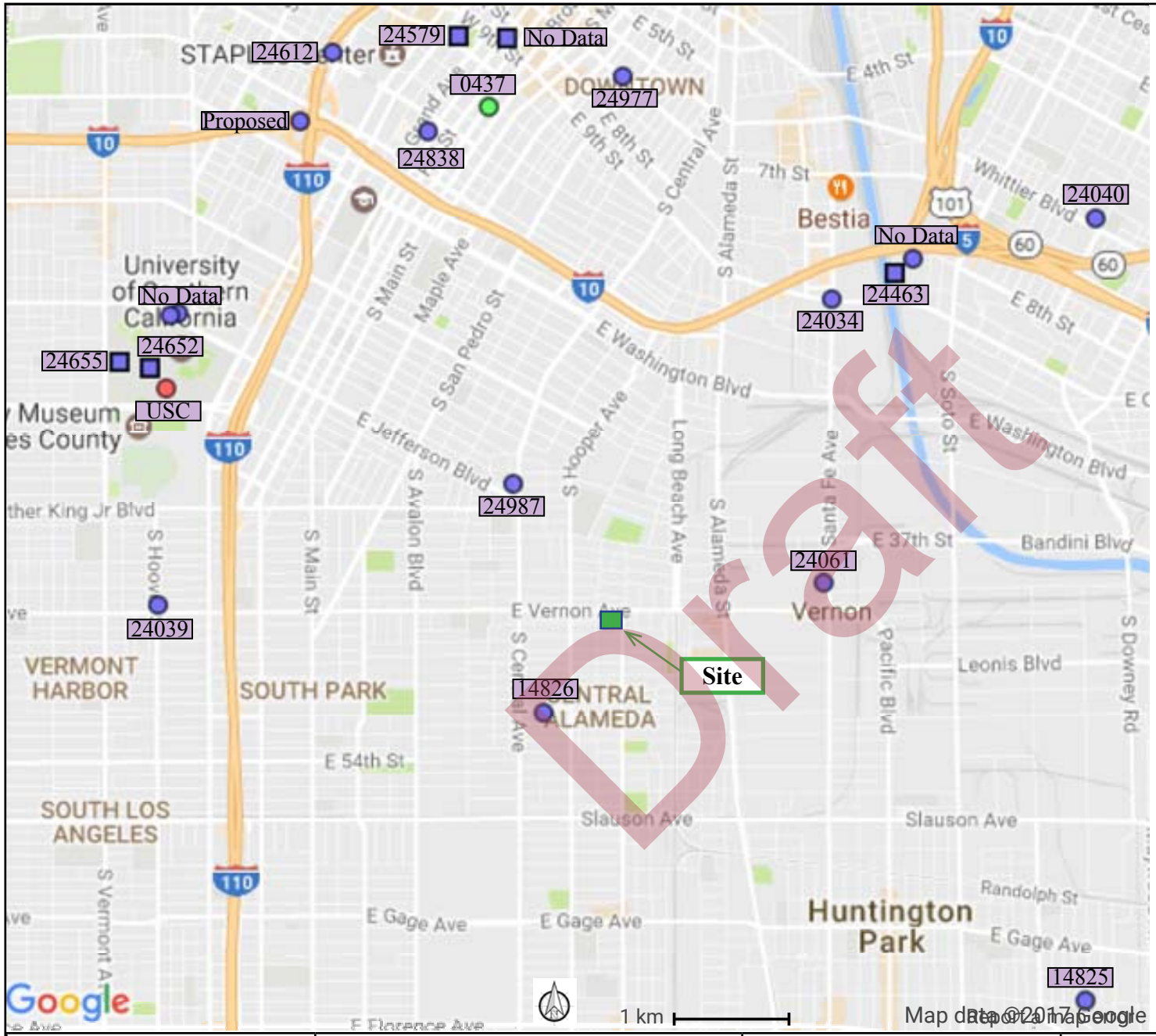
TABLE OF MAGNITUDES AND EXCEEDANCES:

Earthquake Magnitude	Number of Times Exceeded	Cumulative No. / Year

Draft

4.0	65	0.32338
4.5	65	0.32338
5.0	65	0.32338
5.5	23	0.11443
6.0	12	0.05970
6.5	5	0.02488
7.0	3	0.01493

Draft



California Geological Survey CGS - CSMIP

U.S. Geological Survey USGS - NSMP

N. Calif Seismic Network USGS_NCSN

S. Calif Seismic Network USGS + Caltech

Berkeley Digital Seismic Network BDSN

Other (See Notes)

Ground Station

Structure Station

Legend

14826 : Station Number/Name

Draft

KOURY ENGINEERING & TESTING, INC.	Project Name: Ascot Elementary School	Project No.: 17-0172 Date: May 2017	Drawing Title: Strong Motion Recurring Stations	Figure: D-1

CESMD

Information for Strong-Motion Station

Los Angeles - Vernon & Hoover

CGS - CSMIP Station 24039

Earthquakes recorded by this station

Latitude	34.0040 N
Longitude	118.2870 W
Elevation (m)	49
Site Geology	Alluvium
Vs30 (m/sec)	274 (inferred)
Site Class	D
Remarks	Site information sources

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)
WHollywood	9-Sep-01	11.6(--)	0.126
InglewoodAftershock	19-May-09	9.7(--)	0.054
ChinoHills	29-Jul-08	48.5(--)	0.049
Inglewood	17-May-09	9.2(--)	0.043
losangelesairport	25-Jul-12	11.9(--)	0.03
ViewPark-WindsorHills	3-May-15	6.7(--)	0.03
WhittierNarrows	16-Mar-10	19.9(--)	0.028
Encino	17-Mar-14	23.4(--)	0.024
lahabra	28-Mar-14	35.1(--)	0.017
Calexico	4-Apr-10	338.6(285.3)	0.01
Chatsworth	9-Aug-07	45.0(--)	0.008

Draft

CESMD

Information for Strong-Motion Station

Univ Southern Ca

SCSN - CI Station USC

Earthquakes recorded by this station

Latitude	34.0192 N
Longitude	118.2863 W
Elevation (m)	58
Site Geology	
Vs30 (m/sec)	
Site Class	

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)
chinohills	29-Jul-08	48.7(--)	0.037
LaHabra	28-Mar-14	35.5(--)	0.014
InglewoodAftershock	19-May-09	11.2(--)	0.012
Encino	17-Mar-14	22.5(--)	0.012
ViewPark-WindsorHills	3-May-15	7.1(--)	0.012
Inglewood	17-May-09	10.6(--)	0.011
losangelesairport	25-Jul-12	12.7(--)	0.011
WhittierNarrows	16-Mar-10	19.9(--)	0.009
Calexico	4-Apr-10	339.5(286.1)	0.009

Draft

CESMD

Information for Strong-Motion Station

Los Angeles - 6-story Parking Structure

CGS - CSMIP Station 24655

Earthquakes recorded by this station

Latitude	34.0211 N
Longitude	118.2903 W
Elevation (m)	53
Site Geology	
Vs30 (m/sec)	
Site Class	

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)	Peak Structural Acceleration (g)
Northridge	17-Jan-94	31.2(27.4)	0.29	1.21
WHollywood	9-Sep-01	10.2(--)	0.095	--
ChinoHills	29-Jul-08	49.1(--)	0.059	0.167
Encino	17-Mar-14	22.1(--)	0.013	0.123
LaHabra	28-Mar-14	35.9(--)	0.011	0.065
WhittierNarrows	16-Mar-10	20.3(--)	0.01	0.087
Calexico	4-Apr-10	339.9(286.5)	0.008	0.023
BorregoSprings	7-Jul-10	179.8(--)	0.005	0.013

Draft

CESMD

Information for Strong-Motion Station

Los Angeles - 6-story Univ. Office Bldg

CGS - CSMIP Station 24652

Earthquakes recorded by this station

Latitude	34.0207 N
Longitude	118.2877 W
Elevation (m)	54
Site Geology	
Vs30 (m/sec)	
Site Class	

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)	Peak Structural Acceleration (g)
Northridge	17-Jan-94	31.3(27.6)	0.24	0.59
WHollywood	9-Sep-01	10.3(--)	0.057	0.100
ChinoHills	29-Jul-08	48.9(--)	0.04	0.081
Encino	17-Mar-14	22.2(--)	0.012	0.017
Inglewood	17-May-09	10.7(--)	0.011	0.032

Draft

CESMD

Information for Strong-Motion Station

Los Angeles - Pico & Sentous

CGS - CSMIP Station 24612

Earthquakes recorded by this station

Latitude	34.0428 N
Longitude	118.2723 W
Elevation (m)	71
Site Geology	Alluvium
Vs30 (m/sec)	305 (inferred)
Site Class	D
Remarks	Site information sources

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)
Northridge	17-Jan-94	31.0(27.5)	0.19
WHollywood	9-Sep-01	10.5(--)	0.126
SierraMadre	28-Jun-91	34.8(--)	0.05
Landers	28-Jun-92	170.7(--)	0.034
chinohills	29-Jul-08	47.8(--)	0.027
BigBear	28-Jun-92	134.5(--)	0.025
DesertHotSprings	22-Apr-92	180.6(--)	0.02
HectorMine	16-Oct-99	194.4(--)	0.019
Inglewood	17-May-09	13.5(--)	0.016
ViewPark-WindsorHills	3-May-15	9.4(--)	0.013
lahabra	28-Mar-14	35.1(--)	0.012
WhittierNarrows	16-Mar-10	19.1(--)	0.011
losangelesairport	25-Jul-12	15.2(--)	0.008
Encino	17-Mar-14	22.2(--)	0.008

Draft

CESMD

Information for Strong-Motion Station

Los Angeles - 9-story Office Bldg

CGS - CSMIP Station 24579

Earthquakes recorded by this station

Latitude	34.0440 N
Longitude	118.2617 W
Elevation (m)	76
Site Geology	
Vs30 (m/sec)	
Site Class	

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)	Peak Structural Acceleration (g)
Northridge	17-Jan-94	31.6(28.3)	0.18	0.34
SierraMadre	28-Jun-91	34.1(--)	0.10	0.23
Landers	28-Jun-92	169.8(158.7)	0.05	0.18
BigBear	28-Jun-92	133.6(--)	0.03	0.18
chinohills	29-Jul-08	47.0(--)	--	0.088
WhittierNarrows	16-Mar-10	18.3(--)	--	0.02
BorregoSprings	7-Jul-10	178.3(--)	--	0.021
losangelesairport	25-Jul-12	16.1(--)	--	0.015

Draft

CESMD

Information for Strong-Motion Station

Los Angeles, CA - 1150 S Hill

USGS - NSMP Station 0437

Earthquakes recorded by this station

Latitude	34.0390 N
Longitude	118.2590 W
Elevation (m)	--
Site Geology	
Vs30 (m/sec)	
Site Class	

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)
Northridge	17-Jan-94	32.1(28.8)	0.142

Draft

CESMD

Information for Strong-Motion Station

Los Angeles - Olive & Pico

CGS - CSMIP Station 24838

Earthquakes recorded by this station

Latitude	34.0373 N
Longitude	118.2642 W
Elevation (m)	71
Site Geology	Alluvium
Vs30 (m/sec)	305 (inferred)
Site Class	D
Remarks	Site information sources

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)
WHollywood	9-Sep-01	11.4(--)	0.066
hectormine	16-Oct-99	193.9(--)	0.021
ChinoHills	29-Jul-08	47.0(--)	0.019
WhittierNarrows	16-Mar-10	18.3(--)	0.013
lahabra	28-Mar-14	34.1(--)	0.012
Calexico	4-Apr-10	338.9(285.5)	0.011

Draft

CESMD

Information for Strong-Motion Station

Los Angeles - 7th & San Julian

CGS - CSMIP Station 24977

Earthquakes recorded by this station

Latitude	34.0411 N
Longitude	118.2478 W
Elevation (m)	75
Site Geology	Shallow alluvium over rock (siltstone)
Vs30 (m/sec)	300 (inferred)
Site Class	D
Remarks	Site information sources

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)
ChinoHills	29-Jul-08	45.6(--)	0.088
WhittierNarrows	16-Mar-10	16.9(--)	0.065
Inglewood	17-May-09	14.6(--)	0.032
Yucaipa	16-Jun-05	114.6(--)	0.026
lahabra	28-Mar-14	32.9(--)	0.024
losangelesairport	25-Jul-12	17.0(--)	0.02
Encino	17-Mar-14	24.3(--)	0.019
RowlandHeights	29-Mar-14	34.6(--)	0.018
ViewPark-WindsorHills	3-May-15	11.3(--)	0.018
Calexico	4-Apr-10	337.9(284.5)	0.014
SanBernardino	8-Jan-09	87.4(--)	0.014
yorbalinda	7-Aug-12	44.9(--)	0.011
yorbalinda	8-Aug-12	45.1(--)	0.01
YorbaLinda	3-Sep-02	45.7(--)	0.01
yorbalinda	29-Aug-12	45.8(--)	0.006

Draft

CESMD

Information for Strong-Motion Station

Los Angeles - Whittier & Euclid

CGS - CSMIP Station 24040

Earthquakes recorded by this station

Latitude	34.0312 N
Longitude	118.2078 W
Elevation (m)	98
Site Geology	Thin alluvium over soft rock (claystone)
Vs30 (m/sec)	341 (inferred)
Site Class	D
Remarks	Site information sources

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)
chinohills	29-Jul-08	41.8(--)	0.099
WhittierNarrows	16-Mar-10	13.1(--)	0.045
Inglewood	17-May-09	16.4(--)	0.027
lahabra	28-Mar-14	29.0(--)	0.018
YorbaLinda	3-Sep-02	41.9(--)	0.015
WHollywood	9-Sep-01	16.5(--)	0.014
InglewoodAftershock	19-May-09	16.7(--)	0.013
yorbalinda	7-Aug-12	41.0(--)	0.011
RowlandHeights	29-Mar-14	30.8(--)	0.011
losangelesairport	25-Jul-12	19.9(--)	0.01
Calexico	4-Apr-10	334.2(280.8)	0.01
yorbalinda	8-Aug-12	41.2(--)	0.007

Draft

CESMD

Information for Strong-Motion Station

Los Angeles - 5-story Warehouse

CGS - CSMIP Station 24463

Earthquakes recorded by this station

Latitude	34.0273 N
Longitude	118.2247 W
Elevation (m)	72
Site Geology	
Vs30 (m/sec)	
Site Class	
Remarks	

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)	Peak Structural Acceleration (g)
Northridge	17-Jan-94	35.4(32.2)	0.26	0.29
Whittier	1-Oct-87	14.3(--)	0.18	0.24
chinohills	29-Jul-08	43.3(--)	0.065	0.077
Landers	28-May-92	166.6(156.5)	0.04	0.13
WhittierNarrows	16-Mar-10	14.5(--)	0.03	0.03
lahabra	28-Mar-14	30.3(--)	0.016	0.032
Encino	17-Mar-14	26.9(--)	0.01	0.016
Calexico	4-Apr-10	335.2(281.8)	0.009	0.038
yorbalinda	7-Aug-12	42.4(--)	0.007	0.011
BorregoSprings	7-Jul-10	174.4(--)	0.005	0.014

Draft

CESMD

Information for Strong-Motion Station

Los Angeles - Santa Fe & Olympic

CGS - CSMIP Station 24034

Earthquakes recorded by this station

Latitude	34.0255 N
Longitude	118.2301 W
Elevation (m)	70
Site Geology	Deep alluvium
Vs30 (m/sec)	274 (inferred)
Site Class	D
Remarks	Site information sources

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)
chinohills	29-Jul-08	43.7(--)	0.092
Inglewood	17-May-09	14.5(--)	0.053
WhittierNarrows	16-Mar-10	14.9(--)	0.052
Yucaipa	16-Jun-05	113.0(--)	0.03
InglewoodAftershock	19-May-09	14.8(--)	0.03
RowlandHeights	29-Mar-14	32.7(--)	0.024
lahabra	28-Mar-14	30.7(--)	0.022
losangelesairport	25-Jul-12	17.7(--)	0.015
yorbalinda	7-Aug-12	42.7(--)	0.015
yorbalinda	8-Aug-12	42.9(--)	0.015
Calexico	4-Apr-10	335.5(282.2)	0.01

Draft

CESMD

Information for Strong-Motion Station

Los Angeles - Central & Jefferson

CGS - CSMIP Station 24987

Earthquakes recorded by this station

Latitude	34.0125 N
Longitude	118.2570 W
Elevation (m)	62
Site Geology	Deep alluvium
Vs30 (m/sec)	274 (inferred)
Site Class	D
Remarks	Site information sources

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)
chinohills	29-Jul-08	45.9(--)	0.091
Inglewood	17-May-09	11.7(--)	0.046
lahabra	28-Mar-14	32.7(--)	0.035
ViewPark-WindsorHills	3-May-15	9.6(--)	0.023
Calexico	4-Apr-10	336.8(283.5)	0.012
RowlandHeights	29-Mar-14	34.8(--)	0.012
InglewoodAftershock	19-May-09	12.0(--)	0.011

Draft

CESMD

Information for Strong-Motion Station

Vernon - 38th & Santa Fe

CGS - CSMIP Station 24061

Earthquakes recorded by this station

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)
WHollywood	9-Sep-01	15.7(--)	0.134
Yucaipa	16-Jun-05	113.2(--)	0.028
YorbaLinda	3-Sep-02	43.2(--)	0.024

Latitude	34.0055 N
Longitude	118.2308 W
Elevation (m)	61
Site Geology	Deep alluvium over rock (sandstone)
Vs30 (m/sec)	283 (inferred)
Site Class	D
Remarks	Site information sources

Draft

CESMD

Information for Strong-Motion Station

Los Angeles - 52nd & Central

CGS - CSMIP Station 14826

Earthquakes recorded by this station

Latitude	33.9964 N
Longitude	118.2544 W
Elevation (m)	55
Site Geology	Deep alluvium
Vs30 (m/sec)	293 (inferred)
Site Class	D
Remarks	Site information sources

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)
WHollywood	9-Sep-01	14.5(--)	0.101
chinohills	29-Jul-08	45.4(--)	0.092
hectormine	16-Oct-99	194.6(--)	0.025

Draft

CESMD

Information for Strong-Motion Station

Huntington Park - Saturn & Hood

CGS - CSMIP Station 14825

Earthquakes recorded by this station

Latitude	33.9762 N
Longitude	118.2086 W
Elevation (m)	45
Site Geology	Deep alluvium
Vs30 (m/sec)	273 (inferred)
Site Class	D
Remarks	Site information sources

Earthquake	Date	Epicenter (Fault) Distance (km)	Peak Ground Acceleration (g)
chinohills	29-Jul-08	41.1(--)	0.115
Inglewood	17-May-09	13.3(--)	0.096
WhittierNarrows	16-Mar-10	12.9(--)	0.047
InglewoodAftershock	19-May-09	13.2(--)	0.043
hectormine	16-Oct-99	191.5(--)	0.03
lahabra	28-Mar-14	27.4(--)	0.03
Yucaipa	16-Jun-05	111.4(--)	0.028
RowlandHeights	29-Mar-14	29.9(--)	0.018
Calexico	4-Apr-10	330.9(277.5)	0.015
yorbalinda	7-Aug-12	39.5(--)	0.014
yorbalinda	8-Aug-12	39.6(--)	0.012
ViewPark-WindsorHills	3-May-15	14.2(--)	0.011
SanBernardino	8-Jan-09	84.8(--)	0.008

Draft

APPENDIX G

Phase I Environmental Site Assessment

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

ASCOT AVENUE ELEMENTARY SCHOOL
1447 EAST 45th STREET
LOS ANGELES, CALIFORNIA 90011
APN 5107-005-909

EnSafe Project Number:
0888821311

Prepared for:

Los Angeles Unified School District
Office of Environmental Health and Safety
333 South Beaudry Avenue, 21st Floor
Los Angeles, California 90017

August 16, 2017

5724 Summer Trees Drive
Memphis, Tennessee 38134
(901) 372-7962 | (800) 588-7962

ENSAFE

creative thinking. ***custom solutions.*** ®

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Prepared for:

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333 South Beaudry Avenue, 21st Floor
Los Angeles, California 90017

August 16, 2017

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Environmental Scientist

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EXECUTIVE SUMMARY

EnSafe Inc. was retained by the Los Angeles Unified School District (LAUSD) to conduct a Phase I Environmental Site Assessment (ESA) for the property (Site) located at 1447 East 45th Street, Los Angeles, California 90011 (Figure 1). The Site is developed with the Ascot Avenue Elementary School campus and occupies a portion of Los Angeles County Assessor's Parcel Number (APN) 5107-005-909.

This Phase I ESA was performed in accordance with the ASTM International (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E 1527-13. This version of the ASTM standard complies with the federal All Appropriate Inquiry (AAI) rule (40 Code of Federal Regulations [CFR] Part 312 — Standards and Practices for All Appropriate Inquiries). The Phase I ESA included a visual observation of the interior and exterior portions of the property and views from public rights-of-way, observation of adjacent properties, environmental regulatory agency records review, review of available historical documents, review of available facility records, and interviews.

The purpose of this Phase I ESA was to investigate readily observable conditions existing within or in the vicinity of the Site at the time of inspection, and to identify any potential recognized environmental conditions (RECs). A REC, as defined in the ASTM standard, is as follows:

> *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 to the identification of RECs, this report also aims to identify any historical recognized environmental conditions or controlled recognized environmental conditions in connection with the Site.

A historical recognized environmental condition, as defined in the ASTM standard, is as follows:

> *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.*

A controlled recognized environmental condition, as defined in the ASTM standard, is as follows:

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, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

The following is a summary of the information obtained for the Phase I ESA:

- Based on a review of historical sources, the Site was first developed with a one-building school, Vernon Street School, in 1876. By 1896, the school was incorporated into LAUSD. The school is listed under the name Ascot Avenue Elementary School by 1937. The school campus occupied only the northern half of the present-day school boundaries; East 45th Street, a contiguous street at the time, and single-family residences occupied the southern half. By at least 1928, these were incorporated into the school campus, and the present-day boundaries were defined. Permanent and modular building reconfiguration and development has continued consistently to the present. Current uses of Site buildings include classrooms, administration officers, cafeteria, and an auditorium.

- The Environmental Data Resources, Inc. (EDR) environmental database report had several listings for Ascot Avenue Elementary School on the FTTS, HAZNET, RCRA, SCH, FINDS, and ECHO databases. All of the listings are consistent and typical of a school. No violations were noted, and no additional offsite listings were considered an environmental concern to the Site.

- The EDR environmental database search report also noted several offsite properties of potential environmental concern. However, based on the case status, and/or distance and direction from the Site, these listings were not considered an environmental concern to the Site.

- Requests to review file documents were submitted to the Los Angeles County Department of Public Health, Los Angeles Regional Water Quality Control Board, Los Angeles County Fire Department, South Coast Air Quality Management District, and the Department of Toxic Substances Control (DTSC). Los Angeles County Department of Public Health, RWQCB, Los Angeles County Fire Department, Los Angeles Regional Water Quality Control Board, and DTSC Cypress reported that they had no files pertaining to the Site address. No records indicating the presence of any environmental conditions were provided by South Coast Air Quality Management District. A historic Phase I ESA (2000) and various correspondence regarding environmental investigations related to the construction of the newest classroom building in the northeast corner of the Site, including a Report of Completion, were reviewed

at the DTSC Chatsworth office. No RECs were identified in the 2000 Phase I, and a "no action" determination was issued by the DTSC on April 21, 2001.

No data gaps were identified in the preparation of this Phase I ESA with the exception of the following:

- A soil boring location, labelled "B-2," was observed along the northern boundary of the Site. No reference to historic subsurface investigations, inclusive of this boring location, was found in review of historical sources. The deficiency of information regarding this boring location, and any associated subsurface activity, is considered a data gap.

EnSafe has performed a Phase I ESA in accordance with the scope and limitations of the ASTM Practice E 1527-13 of the subject Site. Subject to data gaps discussed above, this assessment has revealed no evidence of RECs at the Site with the exception of the following.

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

1.0 INTRODUCTION

EnSafe Inc. was retained by the Los Angeles Unified School District (LAUSD) to conduct a Phase I Environmental Site Assessment (ESA) at the Ascot Avenue Elementary School (Site) located at 1447 East 45th Street, Los Angeles, California 90011 (Figure 1). The Site comprises Los Angeles County Assessor's Parcel Number (APN) 5107-005-909.

1.1 Purpose

The purpose of this Phase I ESA was to investigate readily observable conditions existing within or in the vicinity of the Site at the time of inspection, and to identify any potential recognized environmental conditions (RECs). A REC, as defined in the ASTM International (ASTM) standard, is as follows:

> *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 to the identification of RECs, this report also aims to identify any historical recognized environmental conditions or controlled recognized environmental conditions in connection with the Site.

A historical recognized environmental condition, as defined in the ASTM standard, is as follows:

> *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.*

A controlled recognized environmental condition, as defined in the ASTM standard, is as follows:

> *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, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.*

This ESA was performed according to the recommended guidelines established by ASTM Designation E 1527-13, "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process." This version of the ASTM standard complies with the federal All Appropriate Inquiry (AAI) rule (40 Code of Federal Regulations [CFR] Part 312 — Standards and Practices for All Appropriate Inquiries).

Based on the fact that LAUSD owns the property and is not proposing land transfer at this time, it is understood that the user's purpose for this Phase I ESA is not to comply with AAI or to qualify for a Landowner Liability Protection to Comprehensive Environmental Response, Compensation, and Liability Act liability.

For the purpose of this report, hazardous substances and petroleum products are jointly referred to as "hazardous materials." The extent of research to identify RECs is limited by the scope of services.

1.2 Scope of Services

The Scope of Services for this ESA was set forth in a letter proposal from EnSafe to LAUSD dated February 9, 2017 (EnSafe 2017). The Scope of Services in the referenced proposal called for the ESA to be conducted in accordance with ASTM E 1527 Standard Practice for Environmental Site Assessments and the AAI Rule (with modifications). The scope of this Phase I ESA included the following specific elements:

- Review of readily available public and private records of current and historical land use
- Review for prior releases of hazardous materials
- Environmental database search
- Review of relevant files of federal, state, and local agencies, as appropriate
- Observation of the Site during a walking reconnaissance
- Observation of adjacent properties from public rights-of-way
- Review of historical aerial photographs
- Interviews with current and previous owners and operators, as available
- Review of regulatory correspondence and environmental reports
- Report preparation

The above information was collected and evaluated and is included in this report, which summarizes our findings, opinions, and conclusions.

1.3 Environmental Professional Statement

We, the reviewers listed on the title page of this report, declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental professional as defined in §312.10 of 40 CFR § 312. 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 AAIs in conformance with the standards and practices set forth in 40 CFR Part 312.

1.4 Limiting Conditions and Deviations

Limiting conditions encountered during the Site reconnaissance, if any, are described in Section 6 of this report. No other limiting conditions were encountered during the preparation of this Phase I ESA. No deviations from the ASTM Practice E 1527-13 were noted in association with this Phase I ESA.

1.5 Limitations and Exceptions

This report and the associated work have been provided in accordance with the principles and practices generally employed by the local environmental consulting profession. This is in lieu of all warranties, expressed or implied.

EnSafe's findings and opinions are based on information available from public sources on specific dates (historical photographs, maps, and regulatory agency files, lists, and databases); this information is changing continually and is frequently incomplete. Unless there is actual knowledge to the contrary, information obtained from interviews or provided to EnSafe by LAUSD has been assumed to be correct and complete. EnSafe does not assume any liability for information that has been misrepresented or for items not visible, accessible, or present on the Site at the time of the Site reconnaissance.

EnSafe cannot warrant or guarantee that not finding indicators of hazardous materials means that hazardous materials do not exist on the Site. There is no investigation thorough enough to preclude the presence of materials on the Site that presently, or in the future, may be considered hazardous. Because regulatory evaluation criteria are constantly changing, concentrations of contaminants present and considered to be acceptable may, in the future, become subject to different regulatory standards and require remediation.

Where records indicate that prior remedial work or tank removals have occurred, there is a risk that the work may not have been performed correctly or completely. In these cases, if the

regulatory agency has approved the closure of the tank or other work done, EnSafe has assumed that the work was done correctly and completely. Opinions and judgments expressed herein, which are based on EnSafe personnel's understanding and interpretation of current regulatory standards, should not be construed as legal opinions.

1.6 Significant Assumptions

EnSafe inferred the direction of shallow groundwater movement based on local topography, reported groundwater flow in vicinity of the Site by Environmental Data Resources, Inc. (EDR) and others, and our experience. Actual groundwater flow may be influenced locally by many factors beyond the scope of this report. Subsurface investigation would be necessary to determine Site-specific groundwater flow direction.

1.7 Special Terms and Conditions

No special terms or conditions apply to this Phase I ESA.

1.8 User Reliance

This document and the information, findings, opinions, and recommendations herein have been prepared for use solely by LAUSD, and no third party is intended as a beneficiary or intended to rely on this document or the information herein unless otherwise expressly stated in writing by EnSafe.

2.0 GENERAL SITE SETTING

The following sections describe the location and legal description, Site and vicinity general characteristics, current Site use and Site improvements, and current adjoining property use for the Site.

2.1 Location and Legal Description

The Site address is 1447 East 45th Street, in the Central Alameda neighborhood of Los Angeles, California. Based on a review County of Los Angeles Assessor's maps and the City of Los Angeles Navigate LA website, the site occupies approximately 4.20 acres of APN 5107-005-909 (5.21 acres). The Site is bounded by Ascot Avenue, East Vernon Avenue, Compton Avenue, East 45th Street, and Arco Iris Primary School. The Site is located approximately 1.55 miles south of the San Bernardino Freeway (Interstate 10) and 1.85 miles east of the Harbor Freeway (Interstate 110) (Figure 1).

The legal description of the Site is Tract 35835, Map Book 1007-9/10, Lot 1.

2.2 Site Uses and Improvements

The Site is occupied by Ascot Avenue Elementary School. At the time of the Site reconnaissance, the Site was mostly occupied by students that were in class. Evidence of other current or past uses was not observed during the reconnaissance.

There are nine structures on the Site, including permanent buildings and bungalows. Two of the main classroom/administration buildings are two stories each and include elevators; all remaining structures are one-story buildings or bungalows. The uses of the Site buildings include: classrooms, administration offices, cafeteria, and an auditorium. Parking lots are present at the northwestern and southeastern portions of the Site. Playgrounds, athletic courts, and recreation areas are present on the western and southwestern portion of the Site. The Site encompasses approximately 4.20 acres of land with its boundaries defined by chain-link fences (Figure 2).

2.3 Heating and Cooling Systems

Two of the permanent buildings are cooled by a chiller system located between the two southernmost buildings. All other buildings are heated and cooled by roof or wall-mounted electric heating, ventilation, and air conditioning units.

2.4 Potable Water Supply

The Site is provided potable water by the Los Angeles Department of Water and Power.

2.5 Sewage Disposal System

The Site is provided sewer service by the City of Los Angeles Department of Public Works.

2.6 Vicinity Characteristics

Land uses in the vicinity of the Site are predominantly single-family or multi-family residential.

2.7 Current Uses of Adjoining Properties

The adjacent property uses observed at the time of the Site reconnaissance are listed below.

North: East Vernon Avenue, followed by single family residences.

East: Compton Avenue, followed by commercial business and single family residences.

South: Arco Iris Primary School and East 45th Street.

West: Ascot Avenue, followed by single family residences.

3.0 PHYSICAL SETTING SOURCES

3.1 Site Topography

The Site is shown on the U.S. Geological Survey (USGS), Los Angeles Quadrangle, 7 ½-minute topographic map (USGS 2015) at an elevation of approximately 200 feet above mean sea level.

3.2 Regional Geology and Hydrogeology

The Site lies within the Peninsular Ranges Province, in the Los Angeles Basin. The Site is underlain by young and older alluvial fan deposits consisting of interbedded clay, silts, sands, and gravel layers. Sediments underlying the alluvium correspond to detrital Quaternary sedimentary from the nearby highlands and Santa Monica Mountains. The Site is located approximately six miles east of faults pertaining to the Newport-Inglewood fault zone. The Newport-Inglewood fault zone is a northwesterly trending fault that extends approximately 40 miles from the Newport Mesa upwards to the Cheviot Hills, located just northwest of the Site. (Yerkes, Robert F. and Russell H. Campbell, 2005; Treiman, J.A., and Lundberg, M., compilers, 1999).

EnSafe reviewed the Los Angeles Department of Public Works, Groundwater Wells web portal for the most recently available groundwater monitoring data for wells located approximately 1.3 miles east of the site and groundwater was reported to be encountered at depths approximately 200 feet below ground surface (LADPW 2017). Although water in the north part of the Los Angeles Basin drains southerly from the highlands into the valley, groundwater under the site drains flows towards the Los Angeles River, 3.5 miles east of the Site (LADPW 2017; USGS 2015).

4.0 USER-PROVIDED INFORMATION

The ASTM Practice suggests the ESA user provide documents to the ESA preparer. The following sections describe the documents provided to EnSafe by LAUSD. The following information was obtained through personal communications and other records provided by the user. The User-Provided Information is used to establish the AAI requirements prior to a property transaction. However, LAUSD already owns the property and is not proposing land transfer at this time. The results of the Phase I will be used for construction planning. For these reasons LAUSD elected to forgo conducting an environmental lien or activity and use limitations search and completing the user questionnaire for this property.

4.1 Reason for Performing Phase I

EnSafe was retained by LAUSD to provide this Phase I ESA and environmental documentation review as part of the due diligence activities for future improvement projects.

4.2 Ownership and Title Records

As discussed in the Scope of Services in the letter proposal, a title review and environmental lien search were not conducted by EnSafe. The Ascot Avenue Elementary School campus is owned by LAUSD.

4.3 Environmental Liens or Activity and Use Limitations

Based on the fact that LAUSD owns the Site and is not acquiring new property, an environmental lien search review would not provide additional liability protection. A lien search was not conducted for this project. EnSafe's review of the environmental database search report and other documents did not suggest any environmental liens or activity and use limitations associated with the Site.

4.4 Specialized Knowledge

No specialized knowledge about the Site was available from LAUSD.

4.5 Valuation Reduction for Environmental Issues

No information regarding valuation reduction for environmental issues for the Site was available from LAUSD.

4.6 Commonly Known or Reasonably Ascertainable Information

Other than the personnel interviews described in Section 5 of this report, no commonly known or reasonably ascertainable information about the Site was available from LAUSD.

5.0 INTERVIEWS

The following sections provide a summary of interviews conducted as part of this Phase I ESA.

5.1 Interview with the Owner

Mr. Edgardo Gillera, Site Assessment Project Manager with the Office of Environmental Health & Safety of LAUSD, was interviewed on June 26, 2017 regarding the past uses of the Site and its environmental status. Mr. Gillera noted a soil boring location, labelled "B-2," observed along the northern boundary of the Site, between the staff parking lot and northern classroom building. Mr. Gillera did not have any information regarding the boring location and any associated subsurface activity. Mr. Gillera was not aware of any other environmental conditions associated with current campus activities or previous uses of the Site.

5.2 Interview with Site Manager

Mr. Miguel Lopez, Plant Manager at Ascot Avenue Elementary School, provided access to the Site. He reported that small quantities of cleaning chemicals are maintained in storage closets, maintenance areas, and the school cafeteria. Mr. Lopez did not report any knowledge of significant spills of the above-mentioned materials and did not report knowledge of any other environmental conditions at the Site.

5.3 Interviews with Occupants

EnSafe interviewed Mr. Hernandez, the Plant Manager of the Site. The results of this interview are discussed in Section 5.2 above.

5.4 Interviews with Local Government Officials

EnSafe requested a review of available records from the Los Angeles County Department of Public Health (LACDPH), Los Angeles Regional Water Quality Control Board (LARWQCB), Los Angeles Fire Department (LAFD), South Coast Air Quality Management District (SCAQMD), and the Department of Toxic Substance Control (DTSC). Based on the results of these record searches (see Section 9), it was judged that interviews with government officials were not necessary.

5.5 Interviews with Others

No other interviews were conducted in connection with this Phase I ESA. No other personnel familiar with the Site were available to be interviewed.

6.0 SITE RECONNAISSANCE

EnSafe conducted the Site reconnaissance on June 26, 2017. Copies of photographs taken during the reconnaissance are included in Appendix B. Documents from the Site reconnaissance, if any, are typically provided in Appendix C. However, no documents were provided during the reconnaissance for this Site.

6.1 Methodology and Limiting Conditions

The visual reconnaissance was completed by Mr. Alex Mitoma from EnSafe, who was accompanied by Mr. Edgardo Gillera, Site Assessment Project Manager with LAUSD, and Mr. Miguel Lopez, Plant Manager of the Site. The reconnaissance was conducted by touring each functional area of the school buildings' interior, touring the exterior of the buildings, and the remainder of the campus. Adjacent properties were observed from public thoroughfares and strategic vantage points including the roof of the Site building. At the time of the Site reconnaissance, the weather was clear with a temperature of approximately 80 degrees Fahrenheit (°F).

6.2 General Site Setting

The Site is occupied by the Ascot Avenue Elementary School campus. At the time of the Site reconnaissance, school was not in session. Evidence of other current or past uses was not observed during the reconnaissance.

Nine buildings occupy the Site. Other features of the Site include playgrounds, athletic courts, and recreation areas. The Site is predominantly paved with asphalt and concrete surfaces.

6.3 Exterior and Interior Observations

Table 1 presents a summary of the observations made during the Site reconnaissance. Descriptions of the observations with "Yes" answers, if any, are provided after the table.

Table 1
Summary of Site Reconnaissance Observations

Potential Environmental Condition	Visually Observed or Reported?		Note Nos.
	No	Yes	
Hazardous Substances / Petroleum Products		X	1, 2
Hazardous Waste	X		
Aboveground Storage Tanks	X		
Underground Storage Tanks	X		
Odors	X		
Pools of Liquid	X		
Drums	X		

Table 1 Summary of Site Reconnaissance Observations			
	Visually Observed or Reported?		
Potential Environmental Condition	No	Yes	Note Nos.
Unidentified Substance Containers	X		
Polychlorinated Biphenyls		X	3
Stains or Corrosion	X		
Drains and Sumps		X	4
Pits / Ponds / Lagoons	X		
Stained Soil / Pavement	X		
Stressed Vegetation	X		
Solid Waste	X		
Wastewater / Storm Water		X	5
Wells	X		
Septic Systems	X		
Other	X		

1. Cleaning materials, paints, and various chemicals for classroom laboratory use are maintained onsite in designated indoor storage cabinets. No evidence of spills or leaks was observed. Given the limited quantity and extent of this hazardous material storage, this is considered a *de minimis* condition.

2. A boiler system and associate piping are present in the basement of the auditorium building. The boiler furnace and the piping appeared to be covered in insulation materials.

3. Several electrical transformers and distribution boards were observed onsite. Polychlorinated biphenyls content was not indicated on equipment labels. No staining or evidence of leakage was observed on the equipment or in the vicinity.

4. A sump is present in the basement of the auditorium building, which appears to be connected to the local sewer system. No evidence of pooling or odors were observed at the time of Site reconnaissance.

5. Storm water catch basins were noted throughout paved areas of the Site to divert storm water offsite. No evidence of hazardous materials or other chemical disposal at the catch basins was observed.

7.0 HISTORICAL USE INFORMATION

The following subsections provide summaries of the historical sources that were reviewed see Table 2.

Table 2
Site Historical Usage Summary

Time Period	Land Usage	Reference
1876	Land was purchased for development of Vernon Street School.	LAUSD Website
1896	Vernon Street School was annexed into LAUSD and later renamed Ascot Avenue Elementary School.	LAUSD Website
By 1906	Ascot Avenue Elementary School is developed as a multi-building campus. The southern half of the present-day campus is occupied by East 45th Street and approximately ten single-family residences.	Fire Insurance Maps
By 1928	East 45th Street and the residential tracts are incorporated into the school campus.	Aerial Photographs
1928 - 2012	Configuration of permanent and modular campus buildings changes over this duration. By 2012, the campus resembles its present-day configuration.	Aerial Photographs Fire Insurance Maps Topographic Maps City Directories

7.1 Aerial Photographs

EnSafe personnel reviewed aerial photographs of the Site provided by EDR (EDR 2017a). Aerial photographs assist in the identification of Site features and outdoor activities of potential environmental concern. Copies of these aerial photographs are provided in Appendix D. The following is a summary of the aerial photographs reviewed.

1923: The Site is developed with a school campus and single-family residences. The northern half of the Site is occupied by a school campus. The campus appears to include approximately five buildings. The southern half of the Site appears developed with approximately ten single-family residences. Properties in the vicinity of the Site appear to include single-family residences.

1928: The present-day boundaries of the school campus are visible. All residential structures in the southern half of the Site have been removed, and the residential tracts have been incorporated into the school campus. The Site appears developed with the present-day additional permanent classroom buildings and a building in the location of the present-day auditorium. Adjacent properties and the vicinity of the Site appear similar to the 1923 map.

1938: The configuration of buildings at the school campus has changed. Both permanent and modular structures have been removed, and the permanent classroom building, adjacent to the auditorium building to the east, appears onsite. Adjacent properties and the vicinity of the Site appear similar to the 1928 photograph.

1948: The size and configuration of the northeastern-most on-campus building has changed. A large building, in the location of the present-day Israel Missionary Baptist Church, appears adjacent to the Site to the south. The remainder of the school campus, adjacent properties, and the vicinity of the Site appear similar to the 1938 photograph.

1952: Two additional modular buildings appear on the west side of the school campus. The remainder of the school campus, adjacent properties, and the vicinity of the Site appear similar to the 1948 photograph.

1964: The configuration of the school campus is more extensive. Seven additional modular buildings appear onsite, and large structure in the northeast end of campus has been removed. Adjacent properties and the vicinity of the Site appear similar to the 1952 photograph.

1977: The configuration and number of modular buildings at the school campus has changed. A total of 17 structures are now visible on the school campus. Configuration of residential structures in the vicinity of the Site has changed. The vicinity of the Site appear similar to the 1964 photograph.

1979: The configuration of the school campus has changed. Eight modular buildings have been removed, and one additional permanent building appears on the eastern half of campus. Configuration of residential structures in the vicinity of the Site has changed, and a parking lot appears adjacent to the Site to the south across East 45th Street. The vicinity of the Site appear similar to the 1977 photograph.

1981: The Site appears similar to the 1979 photograph. Single-family residences adjacent to the Site to the south has been removed, and the tracts appear to be vacant. The remainder of adjacent properties and the vicinity of the Site appear similar to the 1979 photograph.

1983: The school campus appears expanded, spanning the entirety of the parcel APN 5107- 005-909. East 45th Street has been removed at the southwest end of the Site,

and the southwest portion of the parcel appears paved. The remainder of adjacent properties and the vicinity of the Site appear similar to the 1981 photograph.

1989: No clear boundary is discernable between the present-day properties of the Ascot Avenue Elementary School campus and the Arco Iris Primary School campus. The southwest corner of the parcel appears to be unpaved, and parked cars are visible in the northwest and southeast corners of the parcel. The remainder of the Site, adjacent properties, and the vicinity appear similar to the 1983 photograph.

1994: Three additional structures appear in the northeast and southwest corners of the parcel. The remainder of adjacent properties and the vicinity of the Site appear similar to the 1989 photograph.

2002: The configuration of structures on the parcel is more extensive. Three additional structures are visible in the south end of the parcel. The remainder of adjacent properties and the vicinity of the Site appear similar to the 1994 photograph.

2005: An additional permanent building appears in the northeast corner of the parcel, and an awning is visible at the north end of the cafeteria structure in the center of campus. Adjacent properties and the vicinity of the Site appear similar to the 2002 photograph.

2009: Four modular structures have been removed along the southern boundary of the campus, replaced by a playground structure. An additional playground structure is visible in the Arco Iris Primary School campus, adjacent to the Site to the south. A section of the southwest corner of the campus appears unpaved. The remainder of adjacent properties and the vicinity of the Site appear similar to the 2005 photograph.

2010: The entirety of the campus appears paved. The remainder of the Site, adjacent properties, and vicinity appear similar to the 2009 photograph.

2012: The Site, adjacent properties, and the vicinity resemble their present-day configuration.

7.2 Fire Insurance Maps

EnSafe contracted with EDR to research the availability of Sanborn fire insurance maps for the Site and vicinity. The following is a summary of the maps reviewed:

1906: The Site is developed with a school campus and single-family residences. The northern half of the Site is occupied by Vernon Avenue School. The campus appears to include two permanent classroom buildings, four modular classroom buildings, three modular restroom buildings, and one shed. The southern half of the Site appears developed with single-family residences on ten individual tracts. Addresses include 1403, 1403 ½, 1421, 1429, 1437, 1441, 1453, 1453 ½, 4425, and 4425 ½ East 45th Street. A total of ten structures are identified on this portion of the parcel. Properties in the vicinity of the Site appear to include single-family residences.

1922: The configuration of buildings at the Vernon Avenue School campus and the residential tracts within the Site boundaries is more extensive. The Vernon Avenue School campus is developed with three permanent classroom buildings and three modular buildings, including restrooms and classrooms. Nineteen buildings appear on the ten residential tracts adjacent to the campus to the south. Adjacent properties and the vicinity of the Site appear similar to the 1906 map.

1950: The Site is labelled as Ascot Avenue School and the present-day boundaries of the campus are defined. All residential structures in the southern half of the Site have been removed, and the ten residential tracts have been incorporated into the school campus. The Site is developed with the present-day permanent classroom buildings, auditorium, and lunch shed. The Site also includes two modular classroom buildings in the southwestern corner of the campus. Adjacent properties and the vicinity of the Site appear similar to the 1922 map.

1953: The Site and adjacent properties appear similar to the 1950 map.

1954: The Site appears similar to the 1953 map. Residential development continues in the vicinity of the Site.

1955: The Site appears similar to the 1954 map. Residential development continues in the vicinity of the Site.

1960: Four additional classroom buildings have been developed on the Site, built in 1957 through 1959. Residential development continues in the vicinity of the Site.

1962: One additional classroom buildings has been developed on the Site, built in 1960. Residential development continues in the vicinity of the Site.

1966: Three additional classroom buildings and one shed have been developed on the Site. The cafeteria and one classroom building on the eastern boundary of campus have been removed. Residential development continues in the vicinity of the Site.

1968: The present-day cafeteria building with an iron canopy and two additional classroom buildings have been developed on the Site. One classroom building and one shed have been removed. Residential development continues in the vicinity of the Site.

1970: The Site and adjacent properties appear similar to the 1968 map.

7.3 Topographic Maps

EnSafe personnel reviewed historic topographic maps of the Site and vicinity available through EDR (EDR 2017b). The features observed in their review are presented in Table 3:

Table 3
Summary of Topographic Maps Reviewed

Date	Description	Scale	Sheet Name
1894	The Site is mapped between South Los Angeles and Vernondale. A north-south appears to run through the western half of the Site. The vicinity of the Site appears undeveloped.	15-minute	Los Angeles
1896	The Site and vicinity appear similar to the 1894 Los Angeles map.	15-minute	Downey Pasadena, Redondo Santa Monica
1898	The Site is unmapped.	15-minute	Santa Monica
1900	The Site and vicinity appear similar to the 1896 Downey, Pasadena, Redondo, Santa Monica maps.	15-minute	Los Angeles Pasadena
1902	The Site is unmapped.	15-minute	Downey Santa Monica
1920	The Site is unmapped.	15-minute	Santa Monica
1921	The Site is unmapped.	15-minute	Santa Monica
1923	The Site is unmapped.	7.5-minute	Watts
1924, 1928	The Site is mapped in a residential area between Los Angeles and Vernon, approximately 0.5 miles west of the intersection of South Alameda Street and East Vernon Avenue. The Site appears developed with at least two large permanent structures. Adjacent properties and the vicinity of the Site appear residential.	7.5-minute	Los Angeles Watts
1937	The Site is unmapped.	7.5-minute	Watts

Table 3
Summary of Topographic Maps Reviewed

Date	Description	Scale	Sheet Name
1942	The Site is unmapped.	15-minute	Downey
1943	The Site is unmapped.	15-minute	Downey
1947, 1948	The Site is unmapped.	15-minute	Downey Redondo
1949, 1950	The Site is unmapped.	7.5-minute	Inglewood South Gate
1952, 1953	Ascot Avenue School appears on the map and includes 10 structures. A church is visible across East 45th Street to the south. The remainder of adjacent properties and the vicinity appear to be residential.	7.5-minute	Hollywood Inglewood Los Angeles South Gate
1964, 1966	Ascot Avenue School is visible and contains at least twelve structures. Two additional churches are adjacent to the Site across Ascot Avenue and East Vernon Avenue. The remainder of adjacent properties and the vicinity appear similar to the 1952, 1953 Hollywood / Inglewood / Los Angeles / South Gate map.	7.5-minute	Hollywood Inglewood Los Angeles South Gate
1972	The Site and vicinity appear similar to the 1964, 1966 Hollywood / Inglewood / Los Angeles / South Gate map.	7.5-minute	Hollywood Inglewood Los Angeles South Gate
1981	Ascot Avenue School is depicted with four onsite structures. The remainder of adjacent properties and the vicinity appear similar to the 1972 Hollywood / Inglewood / Los Angeles / South Gate map.	7.5-minute	Hollywood Inglewood Los Angeles South Gate
1991, 1994	The Site and vicinity appear similar to the 1981 Hollywood / Inglewood / Los Angeles / South Gate map.	7.5-minute	Hollywood Los Angeles
2012	The Site and vicinity resemble their present-day configurations.	7.5-minute	Hollywood Inglewood Los Angeles South Gate

7.4 City Directories

EnSafe personnel reviewed historic city directory listings of the Site and vicinity available through EDR (EDR 2016c). A summary of listings for the Site is presented in Table 4, below.

Table 4
Summary of City Directory Listings

Date	Source	Site Address	Listing
1924	Los Angeles Directory Co.	1447 E 45th	BARKLEY Terrence M h Mc AULEY Etta F wid W J r
1937	Los Angeles Directory Co.	1447 E 45th	Ascot Avenue School
1942	Los Angeles Directory Co.	1447 E 45th	Ascot Avenue School

Table 4
Summary of City Directory Listings

Date	Source	Site Address	Listing
1951	Pacific Telephone & Telegraph Co.	1447 E 45th E	E 45th Los Angeles City Board of Education elementary schools Ascot Avenue
1962	Pacific Telephone	1447 E 45th	Ascot Ave Elementary School
1967	Pacific Telephone	1447 E 45th St	Ascot Ave Elementary School
1971	Pacific Telephone	1447 E 45th	Ascot Ave Elementary School
1981	Pacific Telephone	1447 E 45th	Ascot Ave Elementary School
1986	Pacific Bell	1447 E 45th	Ascot Ave Elementary School
1990	Pacific Bell	1447 E 45th	Ascot Ave Elementary School
2006	Haines Company, Inc.	1447 E 45th St	ASCOTAVEELEM
2010	EDR Digital Archive	1447 E 45th St	LOS ANGELES UNIFIED SCHL DIST
2014	EDR Digital Archive	1447 E 45th St	LOS ANGELES UNIFIED SCHL DIST

EnSafe also reviewed offsite city directory listings within approximately one block of the Site for business names of potential environmental concern to the Site. The following is a list of business names of potential environmental concern:

- "Twentieth Century Auto Repair" addressed at 4416 Compton Avenue, which is located approximately 200 feet east of the Site. Listed in 1976, 1967, 1962, 1958, and 1951 by Pacific Telephone & Telegraph Co. and Pacific Telephone.

- "C & H AUTO ELECTRICAL MECHANIC" addressed at 1471 East Vernon Avenue, which is located approximately 200 feet northeast of the Site. Listed in 1990 by Pacific Bell.

- "Engelbracht Chas J Della gas sta," "Engelbracht & Grauer C J Englebracht HW Grauer gas sta," and "CARTER Wm A auto serv sta" addressed at 1479 East Vernon Avenue in 1942, 1933, and 1924 by Los Angeles Directory Co.

- "Freds Service Station Fredk Phleger J L Elliott addressed at 1501 East Vernon Avenue, which is located approximately 150 feet northeast of the Site. Listed in 1929 by Los Angeles Directory Co.

7.5 Building Department Records

EnSafe personnel reviewed the City of Los Angeles Department of Building and Safety online records database (http://ladbs.org/services/check-status/online-building-records) for records at the Site address. Building permits, including applications for alteration and classroom building installation, were available. No information of environmental concern was found.

8.0 ENVIRONMENTAL RECORD SOURCES

An EDR Radius Map Report was obtained from EDR (EDR 2017d). The database searched over 80 federal, state, local, and proprietary databases for properties within specified search radii from the Site. The search distances ranged from the subject Site only, to distances of up to 1 mile from the Site. At a minimum, the databases were searched to the distances listed in the United States Environmental Protection Agency's Standards and Practices for AAI (40 CFR Part 312) and the ASTM Standard Practice for Environmental Site Assessments (E 1527-13). The EDR report presents the results of the database searches, along with a description of each database that lists addresses of sites of known underground storage tanks (USTs); landfills; hazardous waste generation or treatment, storage and disposal facilities; and subsurface contamination. A copy of the EDR report is included as Appendix E.

Table 5 provides the database codes and a discussion of the regulatory status of the offsite listings and potential environmental impact to the subject Site.

The entries on Table 5 are limited to those listings that warrant further discussion. Listings that are not expected to impact the Site, and are therefore not discussed further, include the following:

- Hazardous materials handler/hazardous waste generator/hazardous waste transporter/hazardous waste processor lists and UST operator lists, unless adjacent to the Site.

- Leaking Underground Storage Tank (LUST) properties with "Case Closed" or "Final Concurrence Issued" statuses, unless adjacent to the Site.

- Voluntary Cleanup Program/Comprehensive Environmental Response, Compensation, and Liability Information System listings that have "No Further Action," "Certified," or "Refer other Agency" statuses, unless adjacent to the Site.

- Non-ASTM standard historical lists for high risk uses, including automobile service stations and potential cleaners, unless adjacent to the Site.

- Remaining offsite locations identified by EDR located greater than 0.5 mile from the Site. Based on our review of these listings, the potential for environmental impact to the Site from the offsite properties appears to be low due to distances from the Site and nature of the listings.

One property was listed as a non-geocoded/unmapped site, indicating that the exact location could not be mapped by the EDR report. Based on the description of the property as "Central Region High School #15." This campus is not in the Site vicinity and therefore not considered an environmental concern.

Table 5
Summary of Environmental Database Search Report

Property Name	Address	Distance and Direction	Database Listing	Comments
Subject Site				
Ascot Avenue Elementary School	1447 East 45th Street	Target Property	HAZNET	0.02 to 0.125 tons of waste generated between 2008 and 2014. Generated waste includes "other inorganic solid waste." No violations were noted.
			FTTS	Record of a state-conducted toxic substances inspection conducted on June 26, 2001. No violations occurred.
			HIST FTTS	Record of a state-conducted toxic substances inspection. No date specified. No violations occurred.
			RCRA-SQG	Listed as a Small Quantity Generator of hazardous waste. No violations found.
			ENVIROSTOR	Record of a historic Phase I ESA is identified. This Phase I ESA was reviewed by EnSafe, and a summary is included in Section 9.5. Ascot Avenue Elementary School is denoted with a status of "No Action Required." No additional substantive information is provided.
			SCH	A school investigation is noted with a status date of April 20, 2001. No additional substantive information is provided.
			FINDS	No substantive information provided.
			ECHO	No violations found.
Adjacent Properties				
Arco Iris Primary School	4504 Ascot Avenue	S, Adjacent	RCRA-LQG	Listed as a Large Quantity Generator of hazardous waste. No violations found.

Table 5
Summary of Environmental Database Search Report

Property Name	Address	Distance and Direction	Database Listing	Comments
Offsite Properties Within ½ Mile Radius				
Bike Shop	5201 South Compton Avenue	S, 0.51 miles	ENVIROSTOR	Former automobile service station, currently services minor repairs. Paisano's Bike Shop, a bicycle repair shop, has been operating on the Site since August 1998. A car wash, equipped with the sludge pit and an above-ground clarifier, has been in operation on the Site since early 2002. In 1989, three underground storage tanks were removed from the Site. A subsequent Phase II investigation the tank area showed elevated levels of benzene, toluene, ethylbenzene, xylene, and gas-fraction total petroleum hydrocarbons in the soil matrix. Groundwater is potentially affected. Status of "INACTIVE - ACTION REQUIRED AS OF 6/30/2003."
			HIST UST	Three 550-gallon USTs containing petroleum fuel products were removed in 1989.
			SEMS-ARCHIVE	No substantive information provided.
			LEAD SMELTERS	Property is identified as a contaminated sediment site. No other substantive information provided.
				Based on its distance, there is a low likelihood that this facility has had an adverse environmental impact on the Site.
Offsite Properties Within 1 Mile Radius				
American Labs, Inc. / Four Star Chemical	5701 Compton Avenue	S, 0.806 miles	ENVIROSTOR	Former aboveground storage tanks caused contamination to indoor air, non-drinking water groundwater, soil, and soil vapor. Contaminants of concern include benzene, tetrachloroethylene, 1,1,1-trichloroethane, and trichloroethylene. Cleanup status of "ACTIVE AS OF 9/9/2014."
			SEMS	No substantive information provided.
			CORRACTS	No substantive information provided.
			RCRA-TSDF	Listed as engaged in the treatment, storage or disposal of hazardous waste.
				Based on its distance, there is a low likelihood that this facility has had an adverse environmental impact on the Site.

Table 5
Summary of Environmental Database Search Report

Property Name	Address	Distance and Direction	Database Listing	Comments
AAD Distribution & Dry Cleaning, Inc.	2306 East 38th Street	ENE, 0.927 miles	ENVIROSTOR	Former dry cleaning chemical recycling facility with numerous permit violations. Drinking water aquifer, non-drinking water groundwater, indoor air, soil, soil vapor potentially affected with tetrachloroethylene.
			HAZNET	See above description.
			RESPONSE	See above description.
			LIENS	See above description.
			DRYCLEANERS	See above description.
			HIST Cal-Sites	See above description.
			CORRACTS	See above description.
			RCRA-TSDF	See above description.
			RCRA-LQG	See above description.
			US FIN ASSUR	See above description.
			Cortese	See above description.
			EMI	See above description.
			Financial Assurance	See above description.
			ICE	See above description.
			HWP	See above description.
				Based on its distance, there is a low likelihood that this facility has had an adverse environmental impact on the Site.

9.0 REGULATORY AGENCY FILE REVIEW

The following paragraphs provide a summary of additional environmental records sources. Copies of documentation from the regulatory agencies are provided in Appendix F.

9.1 Los Angeles County Department of Public Health

EnSafe submitted a request to the LACDPH to review public records for the Site address. LACDPH replied on July 3, 2017 stating that no files were available for the Site address.

9.2 Los Angeles Regional Water Quality Control Board

EnSafe submitted a request to the LARWQCB to review public records for the Site address. LARWQCB replied on July 20, 2017 stating that no files were available for the Site address.

9.3 Los Angeles Fire Department

EnSafe submitted a request to the LAFD to review public records for the Site address. LAFD replied on June 30, 2017 stating that no files were available for the Site address.

9.4 South Coast Air Quality Management District

EnSafe submitted a request to SCAQMD to review public records for the Site address. SCAQMD replied on June 29, 2017 and provided four registration forms related to refrigerant usage for onsite air conditioning systems. No violations were noted.

9.5 Department of Toxic Substance Control

EnSafe submitted a request to the DTSC Chatsworth and Cypress offices to review public records for the Site addresses. EnSafe reviewed all available records for the Site address at the DTSC Chatsworth office on July 21, 2017. A summary of documents reviewed is provided below:

- A historic Phase I ESA, dated October 23, 2000, prepared by Converse Consultants was available for review. The scope of the Phase I ESA included site and vicinity reconnaissance, review of regulatory agency records, historical records review, and public agency interviews. The 2000 Phase I ESA did not identify any RECs at the Site.

- Various correspondence between the DTSC, LAUSD, and the Converse Consultants was available for review. Based on the available correspondence, the 2000 Phase I appears to have been prepared in advance of installation of the newest classroom building in the northeast corner of the Site. The DTSC notes possible petroleum and polychlorinated biphenyls contamination beneath elevators, lead-based paint on classroom structures, and

possibility of asbestos-containing building materials as possible environmental conditions onsite. Since none of the above-mentioned items of concern were present within the boundaries of the then-proposed expansion, a "no action" determination was issued on April 21, 2001.

The DTSC Cypress office replied on June 28, 2017 stating that no files were available for the Site address.

9.6 California Division of Oil, Gas, and Geothermal Resources

EnSafe personnel reviewed the DOGGR online mapping system for oil or gas wells drilled on or near the Site (http://www.conservation.ca.gov/dog/Pages/WellFinder.aspx). There are no oil or gas well s
drilled within half a mile of the Site.

9.7 National Pipeline Mapping System

EnSafe reviewed the US Department of Transportation Pipeline and Hazardous Materials Safety Administration National Pipeline Mapping System Public Map Viewer to search for pipelines located on or near the Site (https://www.npms.phmsa.dot.gov/PublicViewer/). There are no pipelines mapped within half a mile of the Site.

10.0 FINDINGS AND OPINIONS

The following is a summary of the information obtained for the Phase I ESA.

- Based on a review of historical sources, the Site was first developed with a one-building school, Vernon Street School, in 1876. By 1896, the school was incorporated into LAUSD. The school is listed under the name Ascot Avenue Elementary School by 1937. The school campus occupied only the northern half of the present-day school boundaries; East 45th Street, a contiguous street at the time, and single-family residences occupied the southern half. By at least 1928, these were incorporated into the school campus, and the present-day boundaries were defined. Permanent and modular building reconfiguration and development has continued consistently to the present. Current uses of Site buildings include classrooms, administration officers, cafeteria, and an auditorium.

- The EDR had several listings for Ascot Avenue Elementary School on the FTTS, HAZNET, RCRA, SCH, FINDS, and ECHO databases. All of the listings are consistent and typical of a school. No violations were noted, and no additional offsite listings were considered an environmental concern to the Site.

- The EDR environmental database search report also noted several offsite properties of potential environmental concern. However, based on the case status, and/or distance and direction from the Site, these listings were not considered an environmental concern to the Site.

- Requests to review file documents were submitted to the LACDPH, LARWQCB, LAFD, SCAQMD, and DTSC. LACDPH, RWQCB, LAFD, LARWQCB, and DTSC Cypress reported that they had no files pertaining to the Site address. No records indicating the presence of any environmental conditions were provided by SCAQMD. A historic Phase I ESA (2000) and various correspondence regarding environmental investigations related to the construction of the newest classroom building in the northeast corner of the Site, including a Report of Completion, were reviewed at the DTSC Chatsworth office. No RECs were identified in the 2000 Phase I, and a "no action" determination was issued by the DTSC on April 21, 2001.

10.1 Data Gaps

A data gap, as defined in the ASTM Standard E1527 13, is an absence of information that affects the ability of the environmental professional to identify RECs. No data gaps were identified in the preparation of this Phase I ESA with the exception of the following:

- A soil boring location, labelled "B-2," was observed along the northern boundary of the Site. No reference to historic subsurface investigations, inclusive of this boring location, was found in review of historical sources. The deficiency of information regarding this boring location, and any associated subsurface activity, is considered a data gap.

11.0 CONCLUSION

Based on the results of this Phase I ESA, the following conclusions are provided:

EnSafe has performed a Phase I ESA in accordance with the scope and limitations of the ASTM Practice E 1527-13 of the subject Site. Subject to the receipt of regulatory agency files and the data gaps discussed in Sections 9 and 10, this assessment has revealed no evidence of RECs at the Site with the exception of the following:

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

12.0 REFERENCES

ASTM International. Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process: Designation E 1527-13. 2013.

EnSafe Inc. Proposal for Environmental Data Report, Environmental School Site Selection Screening Criteria Checklist, Phase I Environmental Site Assessment and Preliminary Environmental Assessment Equivalent Scoping Document. 2017, May 25.

Environmental Data Resources. "The EDR Aerial Photo Decade Package". 2017a, June 26.

— "EDR Historical Topographic Map Report," 2017b, June 22.
— "EDR-City Directory Abstract," 2017c, June 23.
— "EDR Radius Map Report with GeoCheck," 2017d, June 23.
— "Certified Sanborn Map Report," 2017e, June 23.

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United States Geological Survey. Los Angeles Quadrangle, California-Los Angeles Co., 7.5-minute (topographic), scale 1:24,000. 2012.

Yerkes, Robert F. and Russell H. Campbell. Preliminary Geologic Map of the Los Angeles 30x60 Quadrangles, Southern California. US Geological Survey, scale 1:100,000. 2005.

Figures

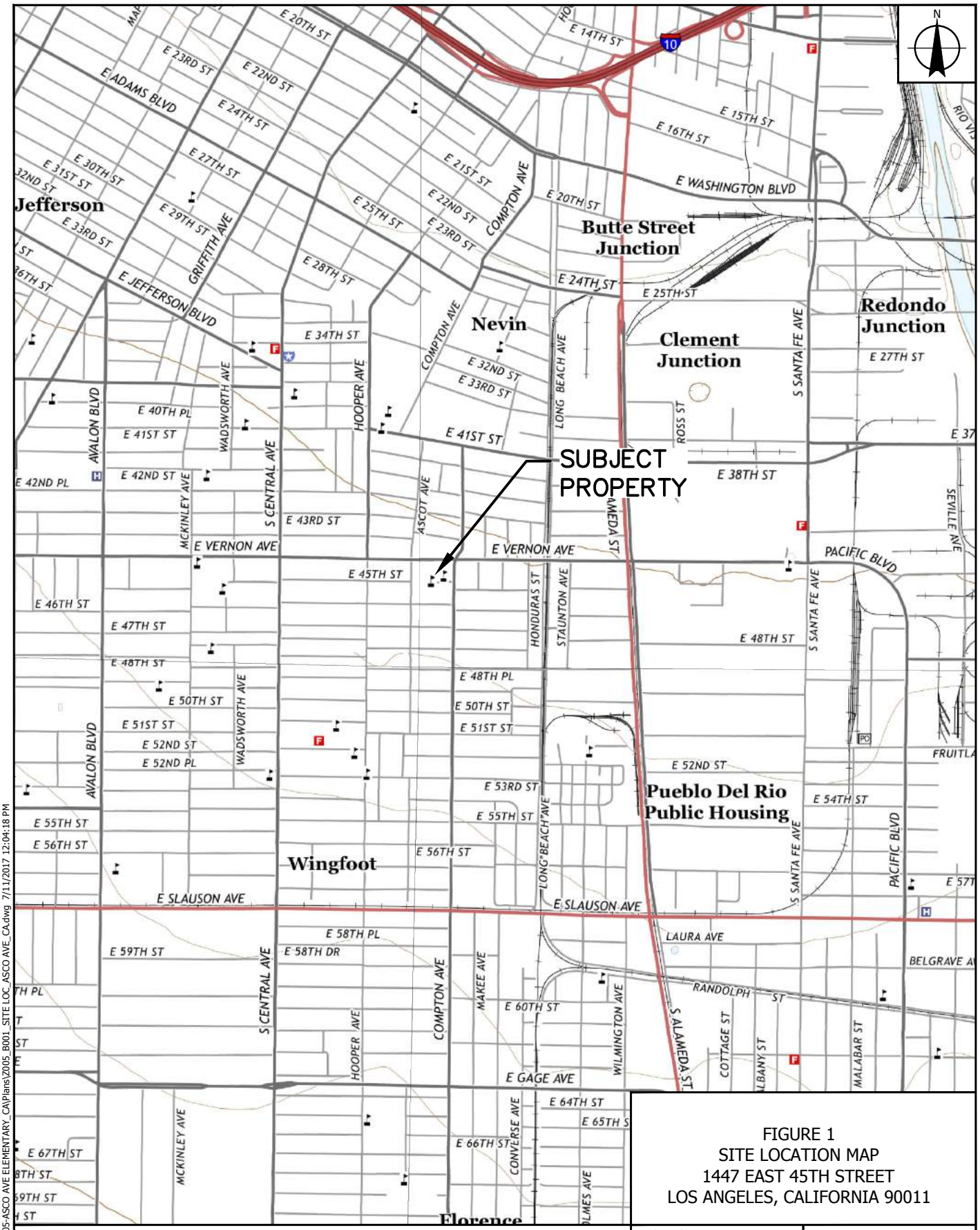

FIGURE 1
SITE LOCATION MAP
1447 EAST 45TH STREET
LOS ANGELES, CALIFORNIA 90011

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

REQUESTED BY:	AM
DRAWN BY:	KB
DATE:	07/11/2017
PROJECT:	Z00005

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I:\CAD PROJECTS\Z005-ASCO AVE ELEMENTARY_CA\Plans\Z005_B001_SITE LOC_ASCO AVE_CA.dwg 7/11/2017 12:04:18 PM

DATA SOURCES: U.S. Geological Survey. Hollywood, Inglewood, Los Angeles, and South Gate Quadrangles, California [Map]. Photorevised 2015. 1:24,000. 7.5 Minute Series.

FIGURE 2
SITE VICINITY MAP
1447 EAST 45TH STREET
LOS ANGELES, CALIFORNIA 90011

LEGEND

SUBJECT PROPERTY

0 80 160

SCALE IN FEET

COORDINATE SYSTEM: NAD 1983
STATE PLANE CALIFORNIA ZONE V FEET

REQUESTED BY:	AM
DRAWN BY:	KB
DATE:	07/11/2017
PROJECT:	Z0005

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Appendix A
User-Provided Information

(Not Provided)

Appendix B
Site Reconnaissance
Photographs

Los Angeles Unified School District
Ascot Avenue Elementary School
Los Angeles, California

Photo 1. **View of the main entrance to Ascot Avenue Elementary School.**

Photo 2. **Exterior view of classroom building.**

Los Angeles Unified School District
Ascot Avenue Elementary School
Los Angeles, California

Photo 3. **Exterior view of classroom and administrative office building.**

Photo 4. **View of classroom.**

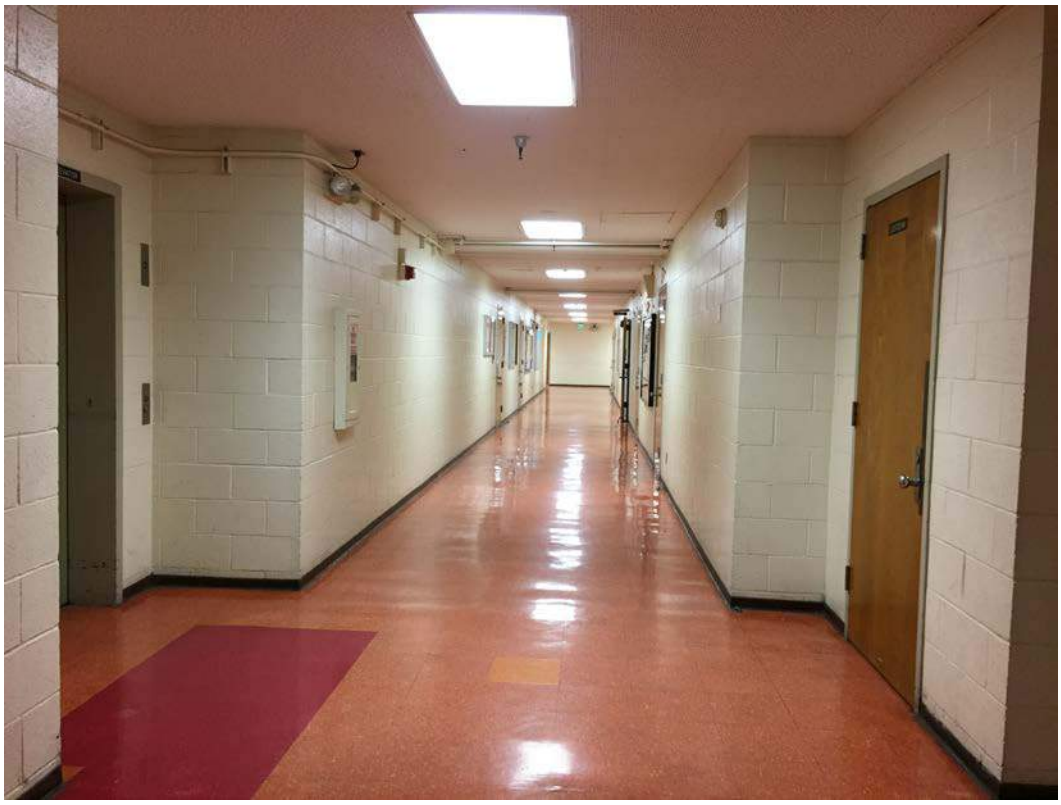

Photo 5. **Interior view of classroom and administrative office building.**

Photo 6. **View of maintenance storage closet in classroom and administrative office building.**

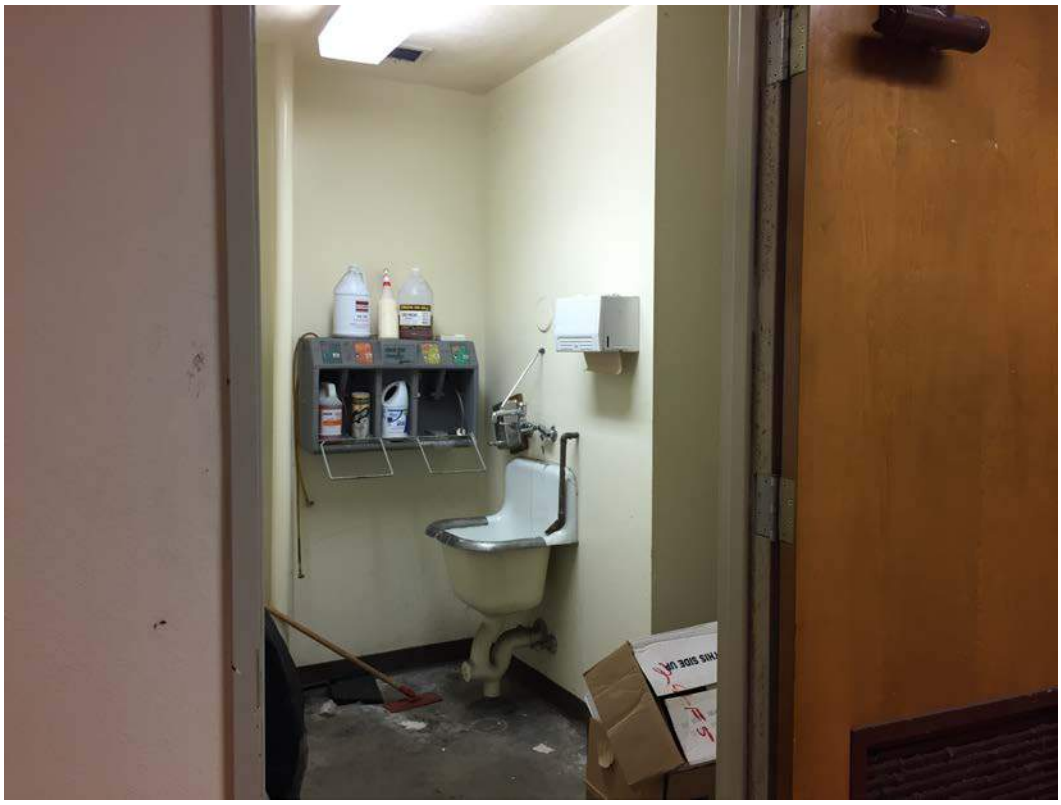

Photo 7. **View of additional maintenance storage closet in classroom and administrative office building.**

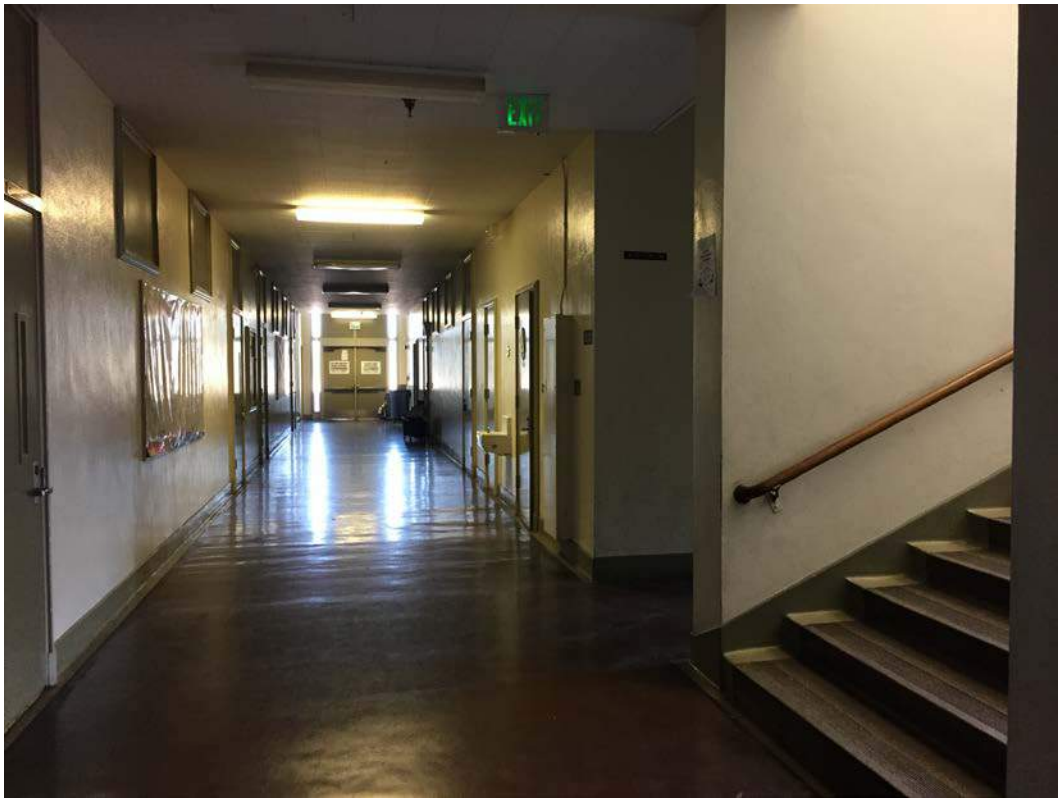

Photo 8. **View of hallway in classroom and administrative office building.**

Photo 9. **View of additional maintenance storage closet in classroom and administrative office building.**

Photo 10. **Interior view of auditorium building.**

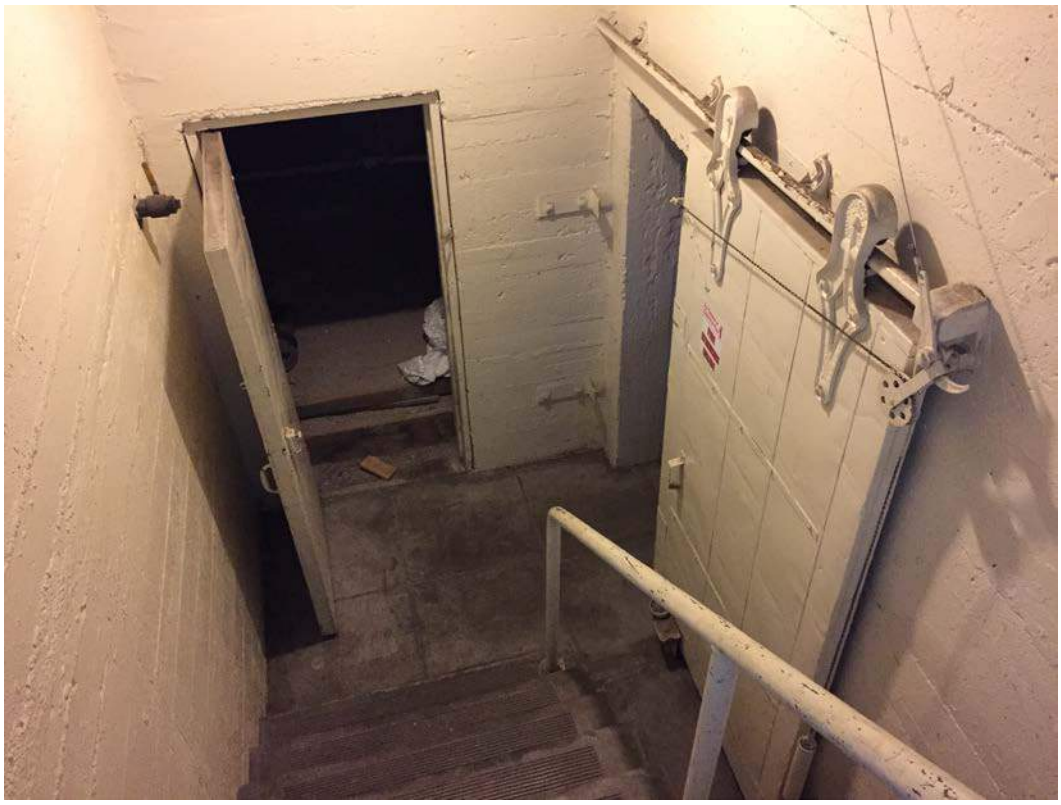

Photo 11. **Entrance to boiler room beneath auditorium building.**

Photo 12. **Interior view of boiler room beneath auditorium building.**

Photo 13. **Interior view of cafeteria building.**

Photo 14. **View of kitchen in cafeteria building.**

Photo 15. **View of outdoor picnic table area outside of auditorium building.**

Photo 16. **View of maintenance shed.**

Los Angeles Unified School District
Ascot Avenue Elementary School
Los Angeles, California

Photo 17. **View of classroom buildings.**

Photo 18. **Interior view of classroom building.**

Photo 19. **Exterior view of classroom building.**

Photo 20. **View of paved recreational area and playground.**

Photo 21. **Exterior view of classroom building.**

Photo 22. **View of parking lot beneath classroom building.**

Photo 23. **Interior view of classroom building.**

Photo 24. **View of maintenance storage closet in classroom building.**

Los Angeles Unified School District
Ascot Avenue Elementary School
Los Angeles, California

Photo 25. **Exterior view of classroom building. Storm drain infrastructure is visible in the foreground. Shipping containers, used for storage, are visible in the background.**

Photo 26. **View of playground. Shipping containers, used for storage, and recreational fields are visible in the background.**

Photo 27. **View of parking lot adjacent to East 45th Street.**

Photo 28. **View of recreational fields. Classroom building is visible in the background.**

Photo 29. **View of paved recreational areas. Classroom building is visible in the background.**

Photo 30. **View of paved recreational areas. Maintenance shed visible in the background.**

Photo 31. **View of electrical infrastructure and shipping containers, used for storage.**

Photo 32. **View of onsite electrical infrastructure.**

Photo 33. **View of a soil boring location, observed along the northern boundary of the Site. No reference to this location was found in review of historical sources.**

Photo 34. **View of single-family residences adjacent to the Site to the west across Ascot Avenue.**

Photo 35. **View of the commerical businesses adjacent to Site across Compton Avenue.**

Photo 36. **View of East 45th Street. Israel Missionary Baptist Church, adjacent to the Site to the east, is visible in the background.**

Photo 37. **View of Arco Iris Primary School, adjacent to the Site to the south.**

Appendix C
Documents from Site Reconnaissance

(Not Provided)

Appendix D
Historical Sources

Ascot Avenue Elementary School

1447 E 45th Street

Los Angeles, CA 90011

Inquiry Number: 4974651.9

June 26, 2017

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

06/26/17

Site Name:

Ascot Avenue Elementary Sch
1447 E 45th Street
Los Angeles, CA 90011
EDR Inquiry # 4974651.9

Client Name:

ENSAFE
5724 Summer Trees Drive
Memphis, TN 38134
Contact: Alex Mitoma

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Search Results:

Year	Scale	Details	Source
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2010	1"=500'	Flight Year: 2010	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
1981	1"=500'	Flight Date: February 21, 1981	EDR Proprietary Brewster Pacific
1979	1"=500'	Flight Date: May 11, 1979	EDR Proprietary Brewster Pacific
1977	1"=500'	Flight Date: May 29, 1977	EDR Proprietary Brewster Pacific
1964	1"=500'	Flight Date: July 28, 1964	USGS
1952	1"=500'	Flight Date: August 01, 1952	USGS
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	USGS
1923	1"=500'	Flight Date: January 01, 1923	FAIR

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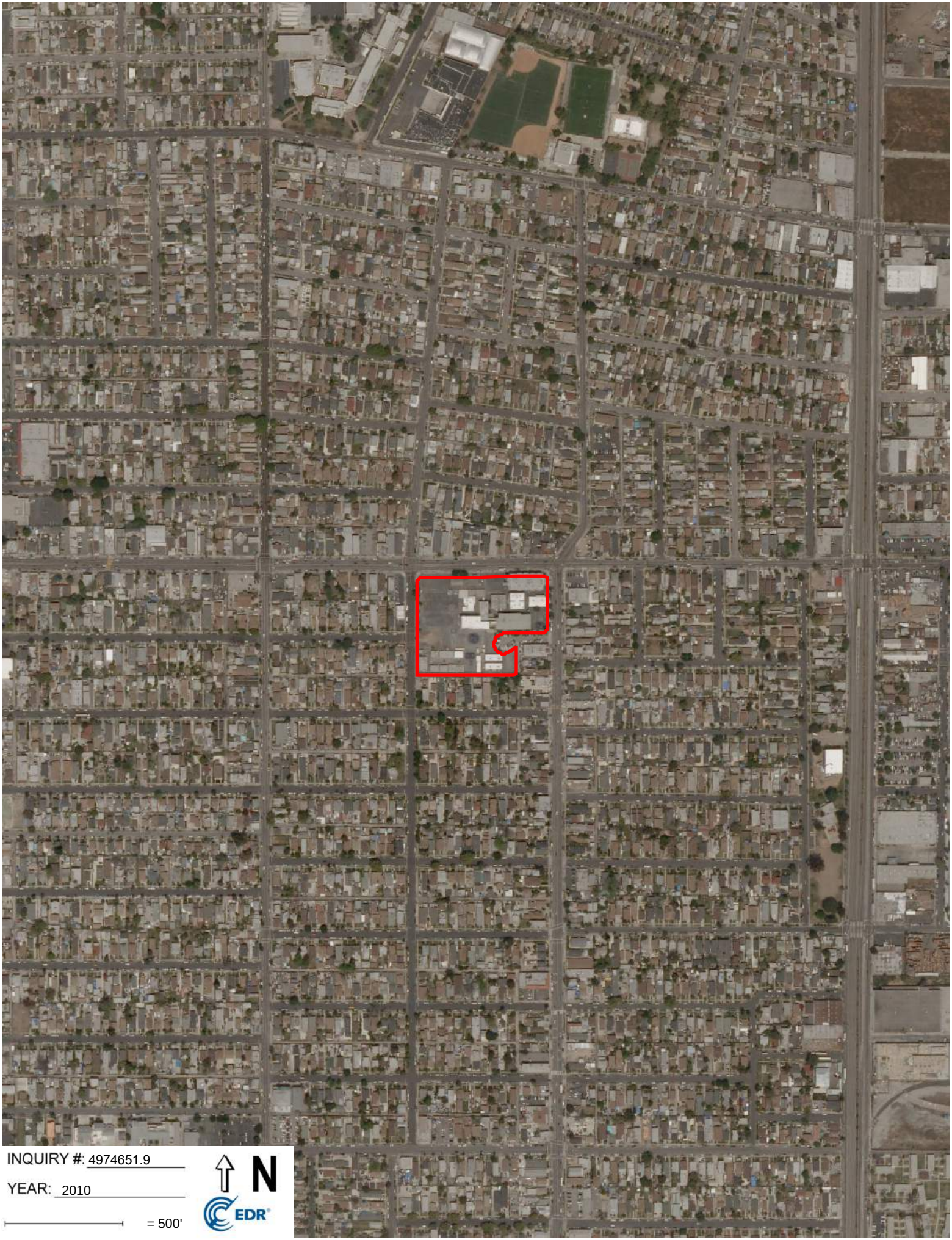
EDR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EDR

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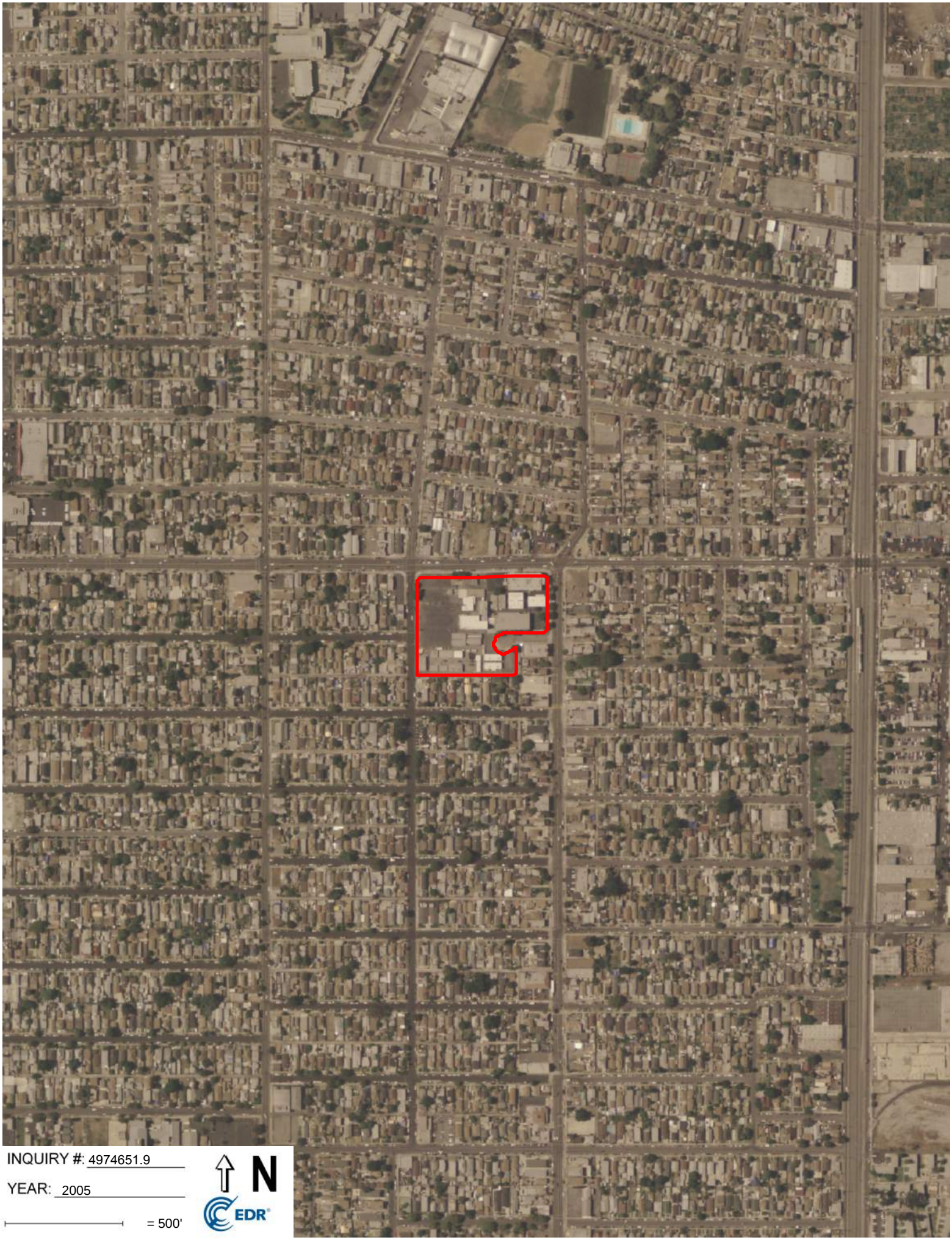
EDR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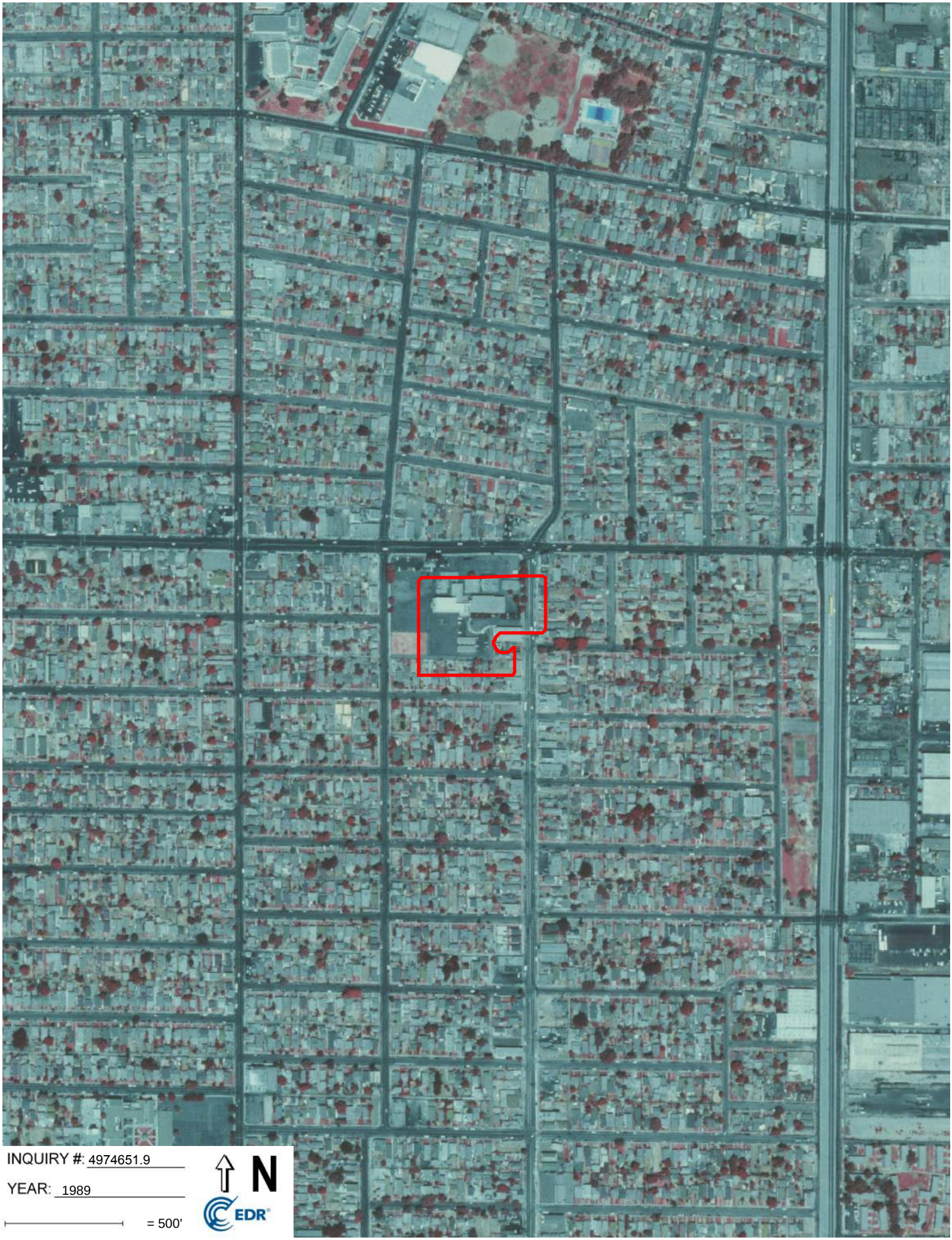
EDR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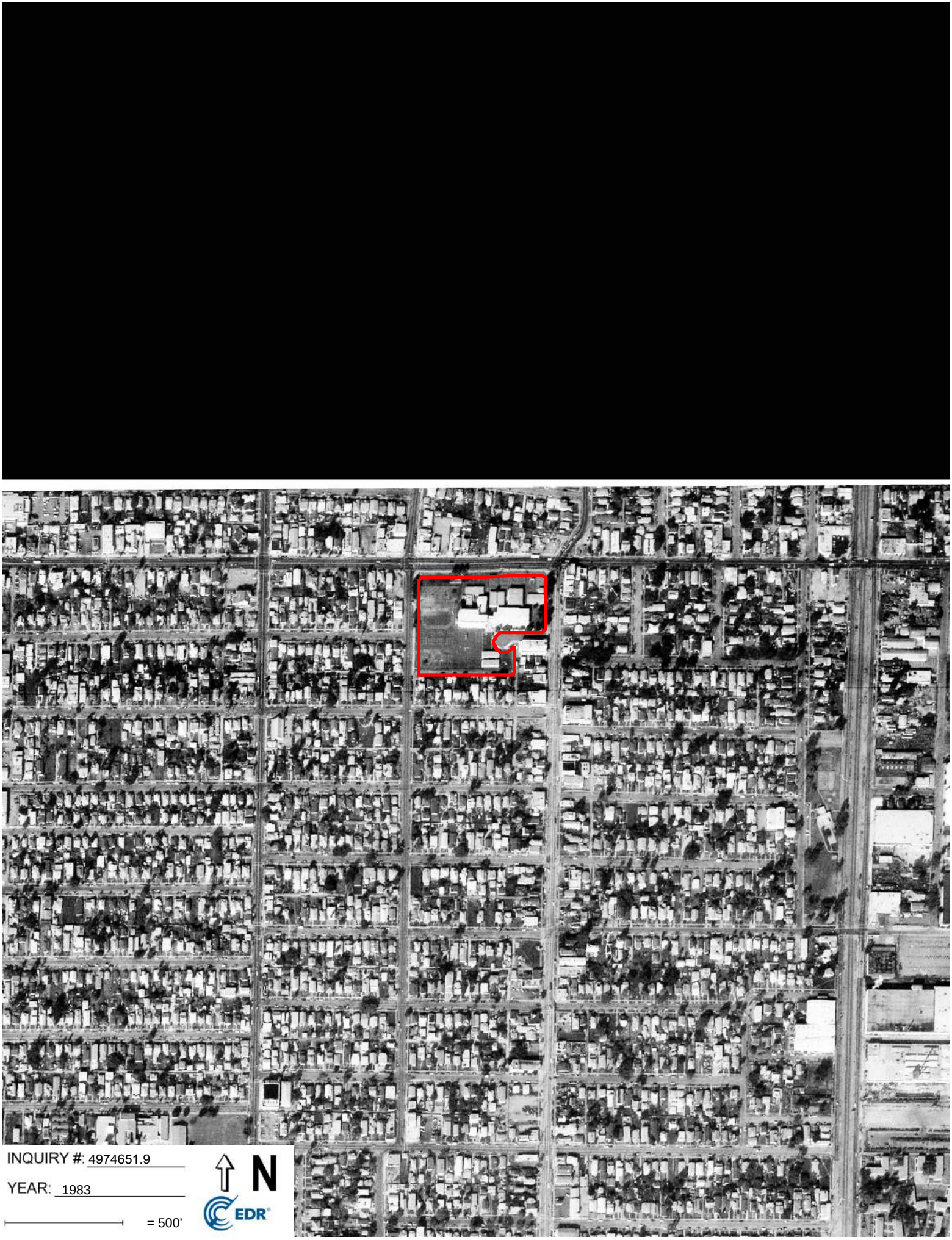
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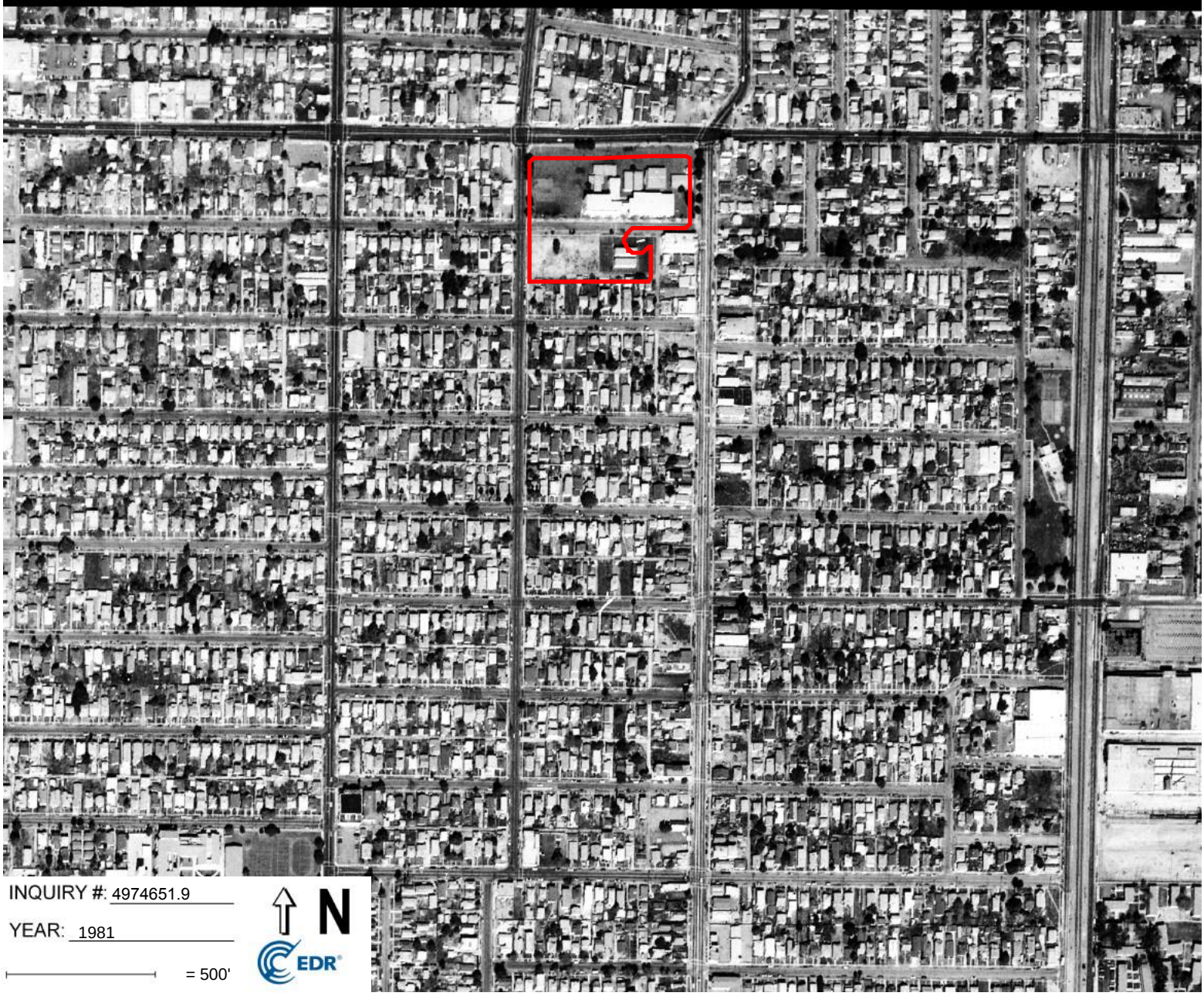
EDR



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YEAR: 1981

= 500'

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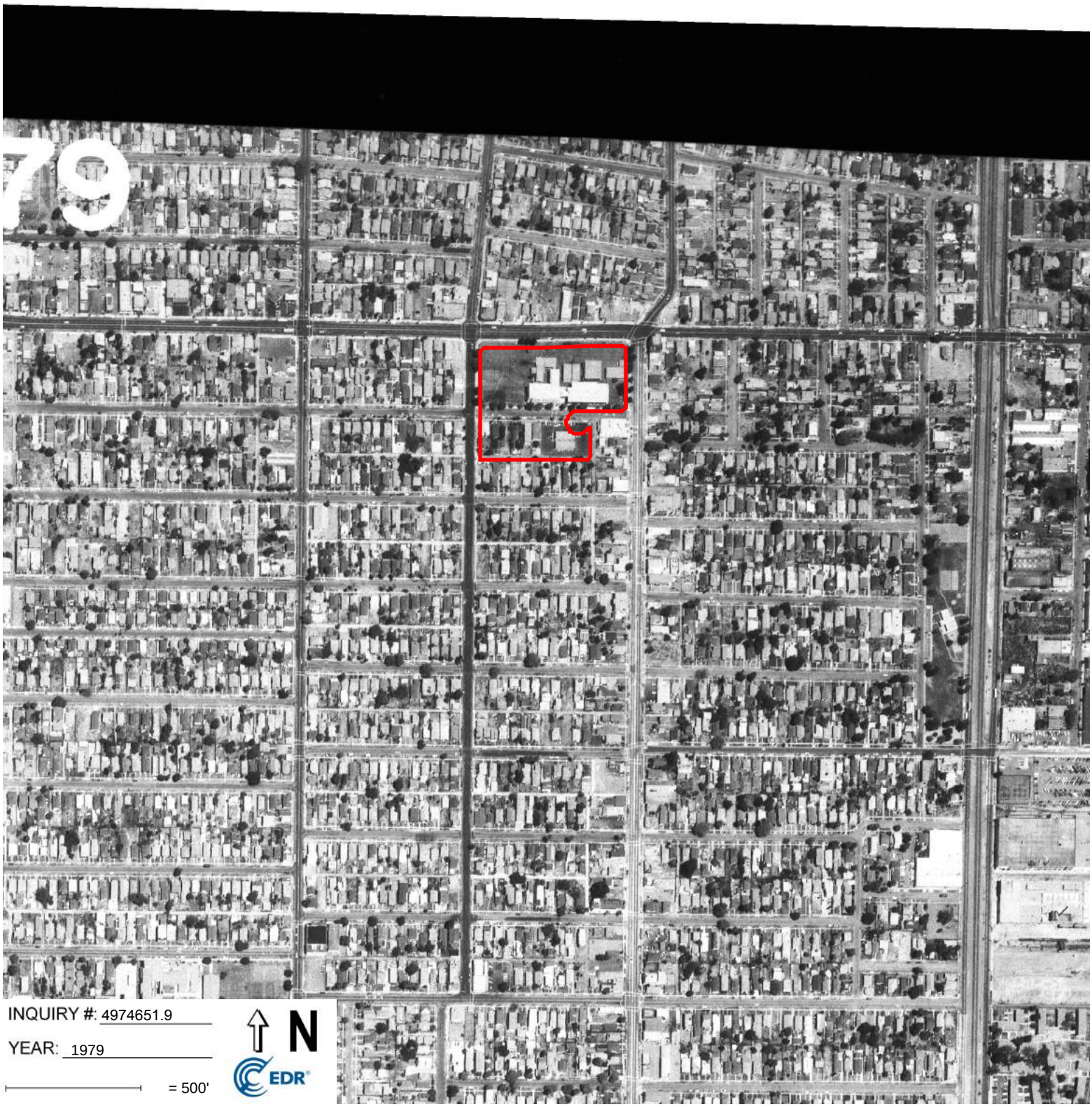
EDR



INQUIRY #: 4974651.9

YEAR: 1979

= 500'

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EDR

INQUIRY #: 4974651.9
YEAR: 1977
= 500'
N
EDR

INQUIRY #: 4974651.9
YEAR: 1964
= 500'
N
EDR

INQUIRY #: 4974651.9
YEAR: 1952
= 500'
N
EDR

INQUIRY #: 4974651.9
YEAR: 1948
= 500'
N
EDR

INQUIRY #: 4974651.9

YEAR: 1938

= 500'

N

EDR

INQUIRY #: 4974651.9
YEAR: 1928
= 500'
N
EDR

INQUIRY #: 4974651.9

YEAR: 1923

= 500'

N

EDR

Ascot Avenue Elementary School

1447 E 45th Street

Los Angeles, CA 90011

Inquiry Number: 4974651.4

June 22, 2017

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

06/22/17

Site Name:	Client Name:
Ascot Avenue Elementary Sch	ENSAFE
1447 E 45th Street	5724 Summer Trees Drive
Los Angeles, CA 90011	Memphis, TN 38134
EDR Inquiry # 4974651.4	Contact: Alex Mitoma

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by ENSAFE 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.# Z000000005

Project: Z000000005

Coordinates:

Latitude:	34.002927 34° 0' 11" North
Longitude:	-118.248239 -118° 14' 54" West
UTM Zone:	Zone 11 North
UTM X Meters:	384728.34
UTM Y Meters:	3763182.79
Elevation:	196.00' above sea level

Maps Provided:

2012	1943	1900
1991, 1994	1942	1898
1981	1937	1896
1972	1924, 1928	1894
1964, 1966	1923	
1952, 1953	1921	
1949, 1950	1920	
1947, 1948	1902	

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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

South Gate
2012
7.5-minute, 24000

Inglewood
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

South Gate
1981
7.5-minute, 24000
Aerial Photo Revised 1978

Inglewood
1981
7.5-minute, 24000
Aerial Photo Revised 1978

Hollywood
1981
7.5-minute, 24000
Aerial Photo Revised 1978

Los Angeles
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets

South Gate
1972
7.5-minute, 24000
Aerial Photo Revised 1972

Inglewood
1972
7.5-minute, 24000
Aerial Photo Revised 1972

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.

1964, 1966 Source Sheets

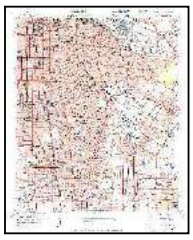
South Gate
1964
7.5-minute, 24000
Aerial Photo Revised 1963

Inglewood
1964
7.5-minute, 24000
Aerial Photo Revised 1963

Hollywood
1966
7.5-minute, 24000
Aerial Photo Revised 1964

Los Angeles
1966
7.5-minute, 24000
Aerial Photo Revised 1964

1952, 1953 Source Sheets



SOUTH GATE
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7.5-minute, 24000

Inglewood
1952
7.5-minute, 24000
Aerial Photo Revised 1947

Hollywood
1953
7.5-minute, 24000
Aerial Photo Revised 1952

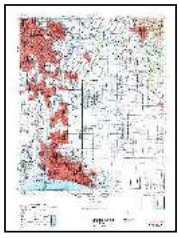
Los Angeles
1953
7.5-minute, 24000
Aerial Photo Revised 1952

1949, 1950 Source Sheets

South Gate
1949
7.5-minute, 24000
Aerial Photo Revised 1947

Inglewood
1950
7.5-minute, 24000
Aerial Photo Revised 1947

1947, 1948 Source Sheets



DOWNEY
1947
15-minute, 50000

REDONDO
1948
15-minute, 50000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1943 Source Sheets

Downey
1943
15-minute, 62500
Aerial Photo Revised 1939

1942 Source Sheets

Downey
1942
15-minute, 62500

1937 Source Sheets

Watts
1937
7.5-minute, 24000

1924, 1928 Source Sheets

Watts
1924
7.5-minute, 24000

Los Angeles
1928
7.5-minute, 24000

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

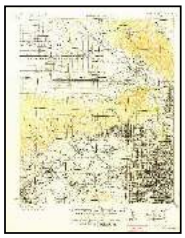
1923 Source Sheets

Watts
1923
7.5-minute, 24000

1921 Source Sheets

Santa Monica
1921
15-minute, 62500

1920 Source Sheets



SANTA MONICA
1920
15-minute, 62500

1902 Source Sheets

Downey
1902
15-minute, 62500

Santa Monica
1902
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1900 Source Sheets

Pasadena
1900
15-minute, 62500

Los Angeles
1900
15-minute, 62500

1898 Source Sheets

Santa Monica
1898
15-minute, 62500

1896 Source Sheets

Downey
1896
15-minute, 62500

Redondo
1896
15-minute, 62500

Santa Monica
1896
15-minute, 62500

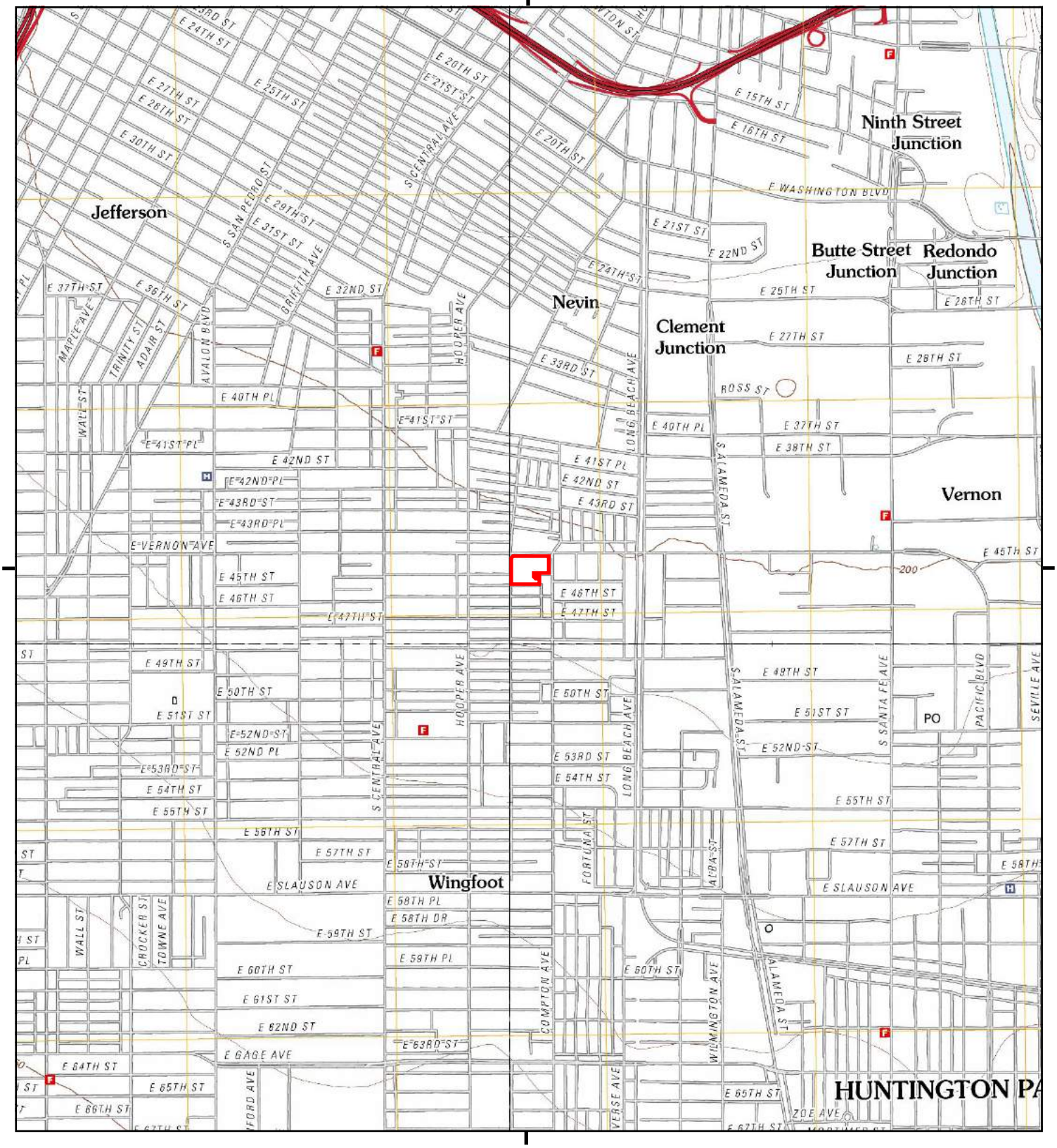
Pasadena
1896
15-minute, 62500

1894 Source Sheets

Los Angeles
1894
15-minute, 62500

Historical Topo Map

2012



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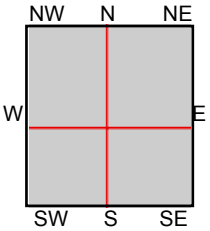


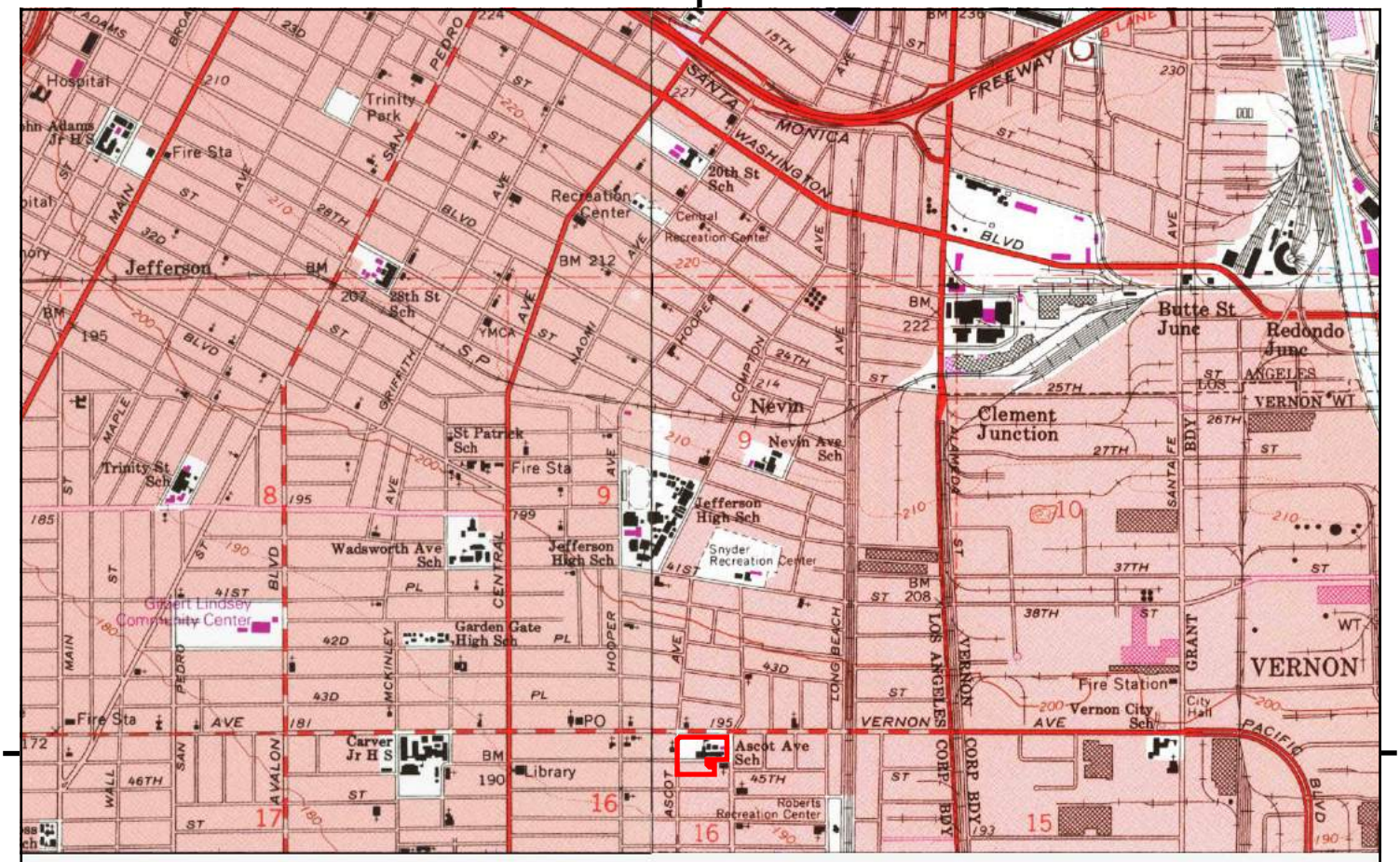
TP, Los Angeles, 2012, 7.5-minute
SE, South Gate, 2012, 7.5-minute
SW, Inglewood, 2012, 7.5-minute
NW, Hollywood, 2012, 7.5-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1991, 1994



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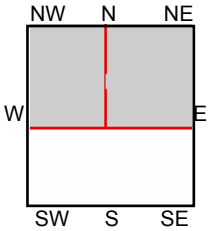


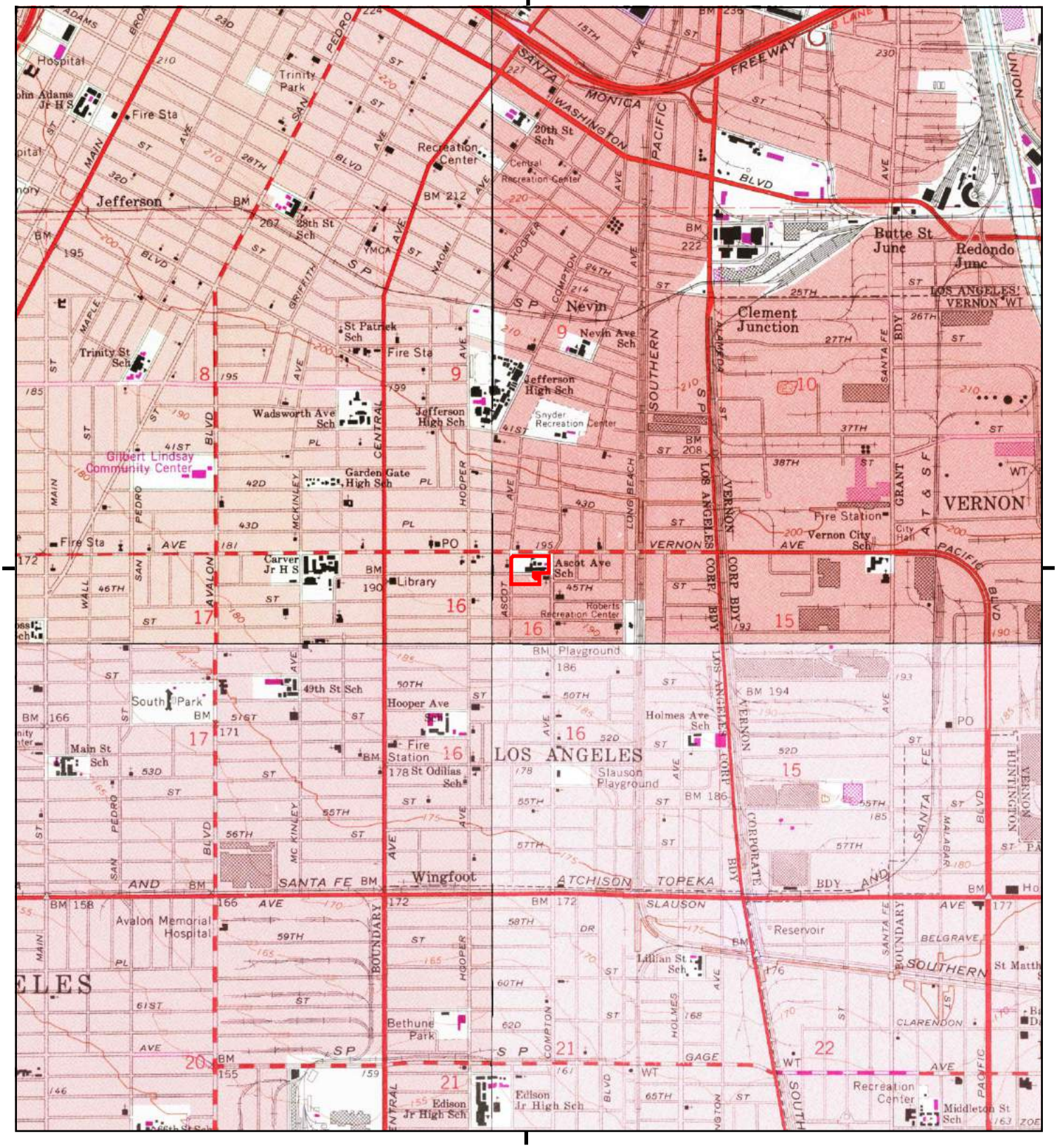
TP, Los Angeles, 1994, 7.5-minute
NW, Hollywood, 1991, 7.5-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1981



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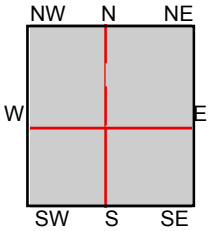

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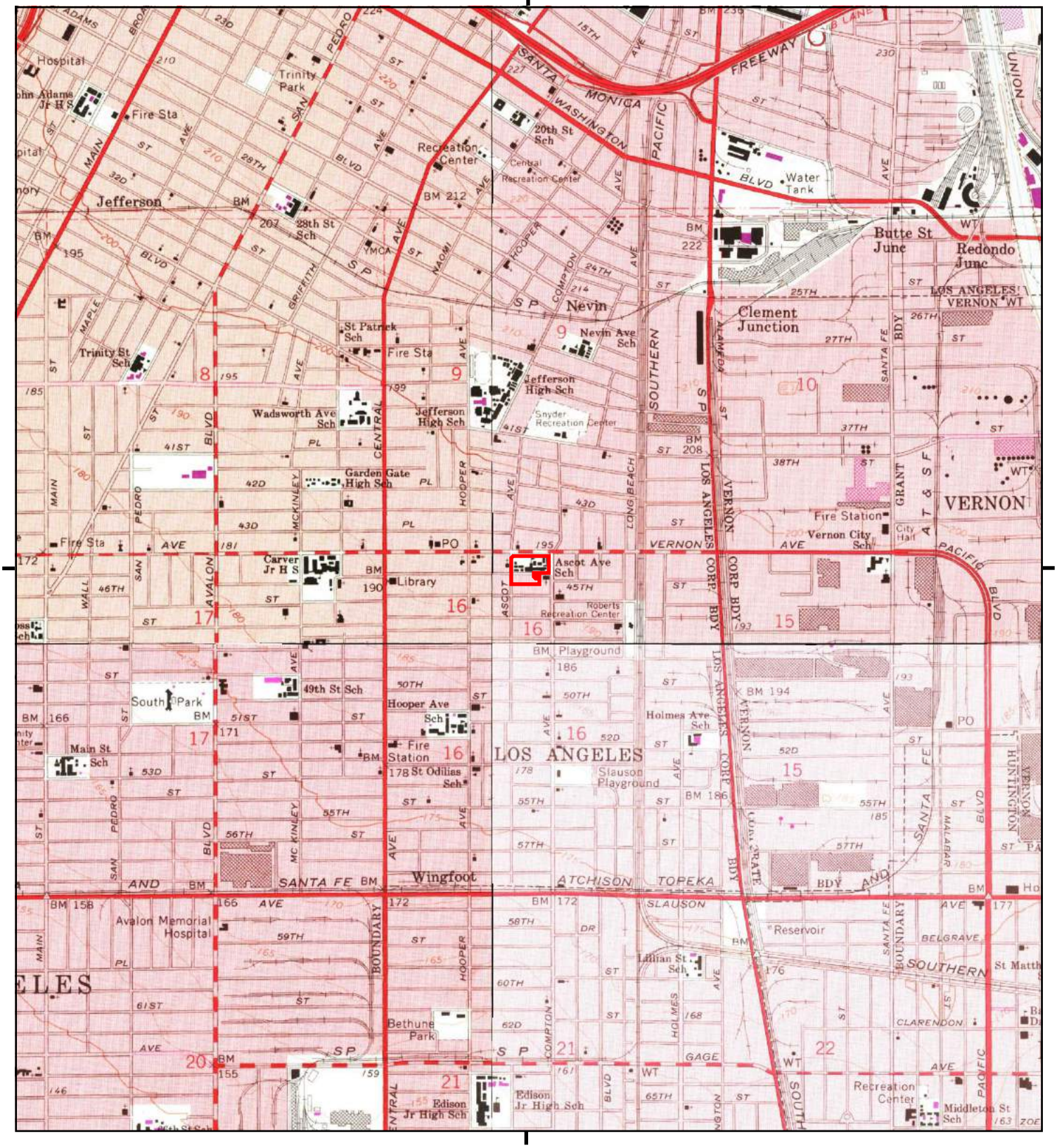
SE, South Gate, 1981, 7.5-minute
SW, Inglewood, 1981, 7.5-minute
NW, Hollywood, 1981, 7.5-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1972



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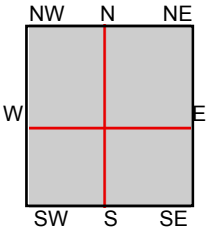

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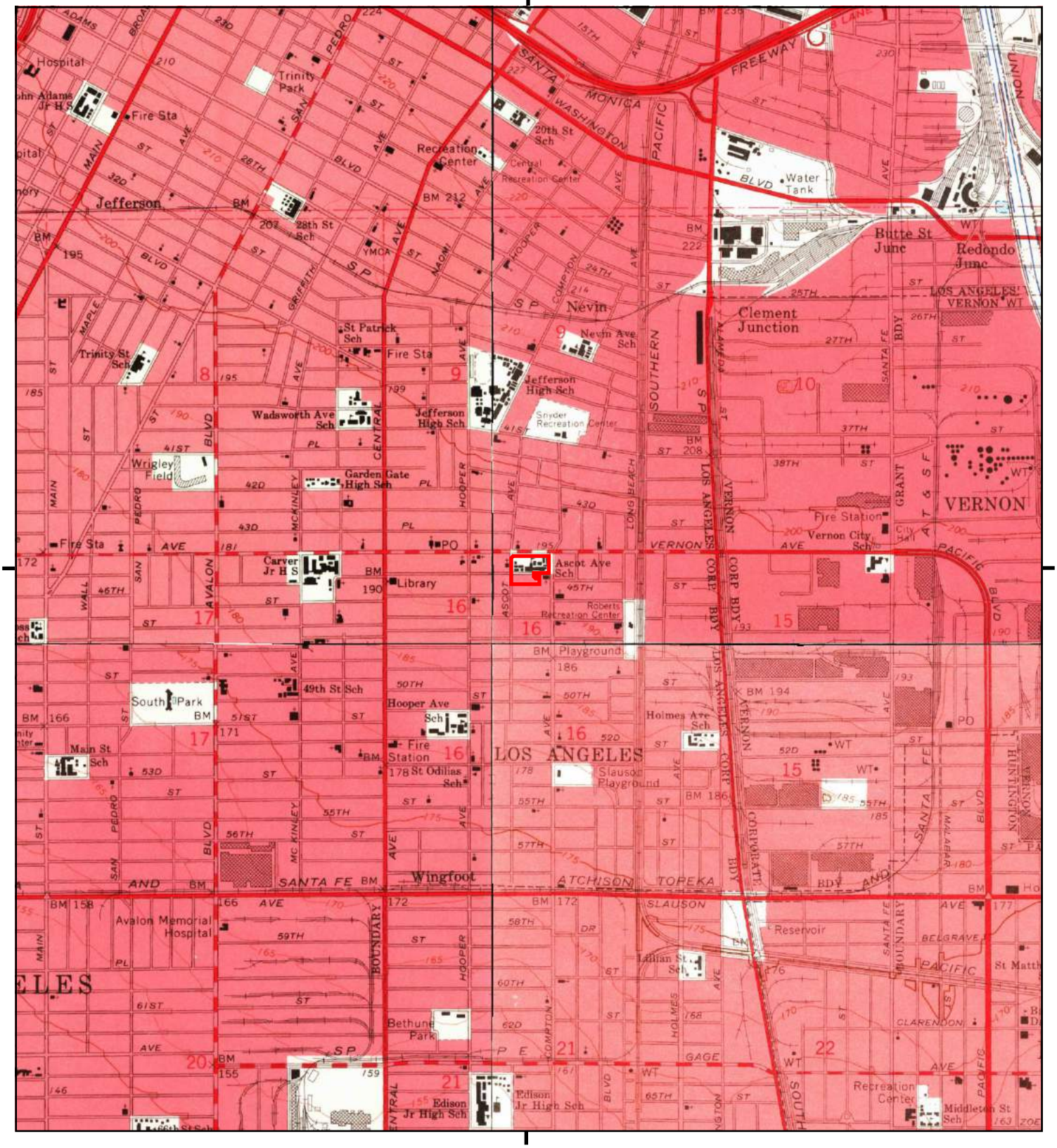
SE, South Gate, 1972, 7.5-minute
SW, Inglewood, 1972, 7.5-minute
NW, Hollywood, 1972, 7.5-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1964, 1966



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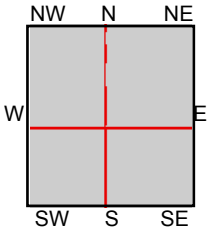

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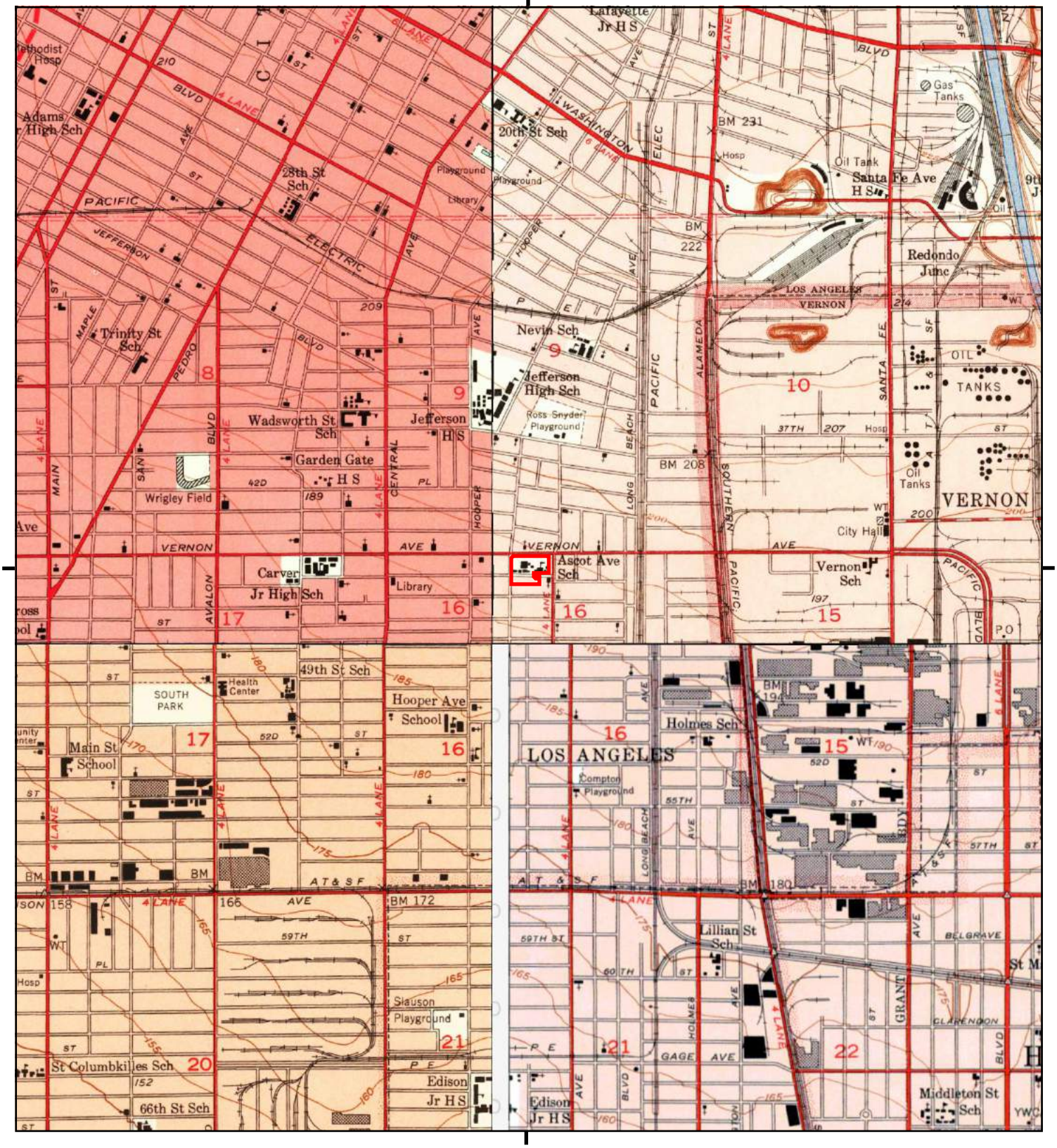
NW, Hollywood, 1966, 7.5-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1952, 1953



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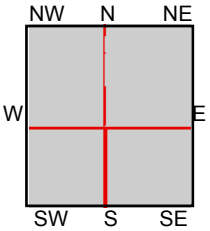

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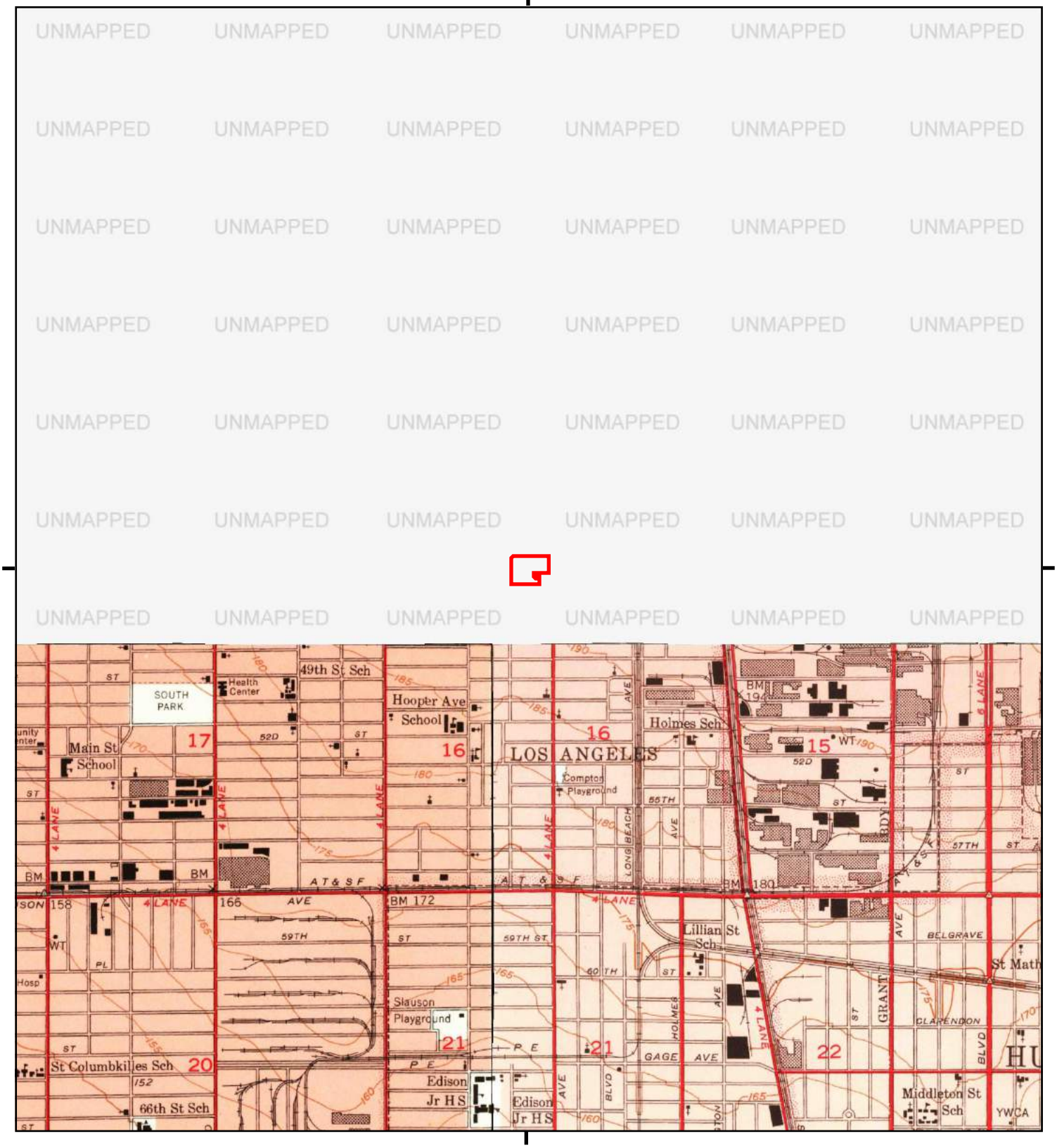
SE, SOUTH GATE, 1952, 7.5-minute
SW, Inglewood, 1952, 7.5-minute
NW, Hollywood, 1953, 7.5-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1949, 1950



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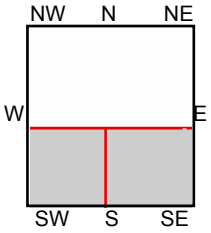


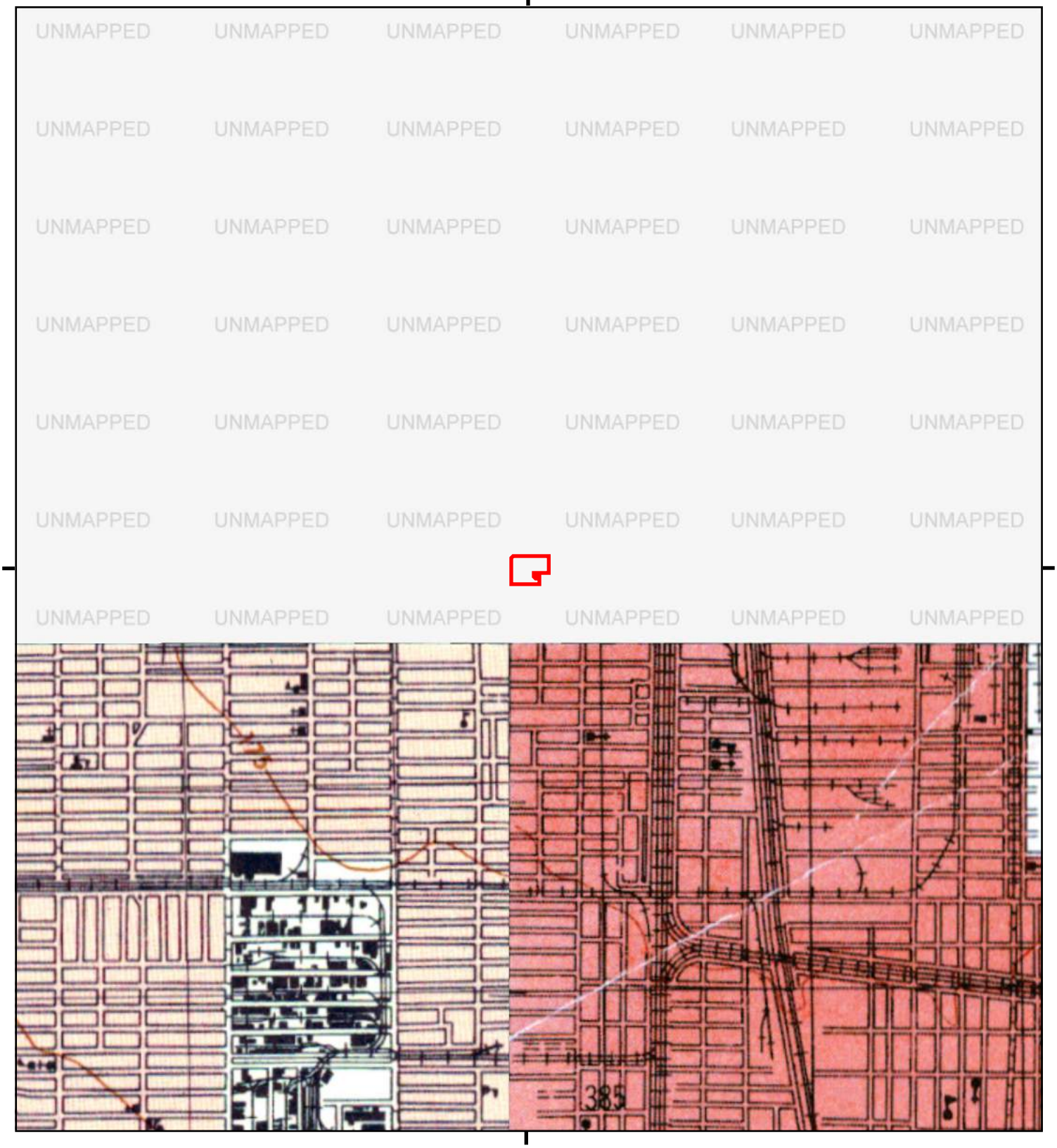
SE, South Gate, 1949, 7.5-minute
SW, Inglewood, 1950, 7.5-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1947, 1948



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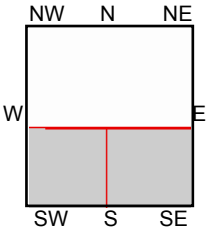
0 Miles 0.25 0.5 1 1.5



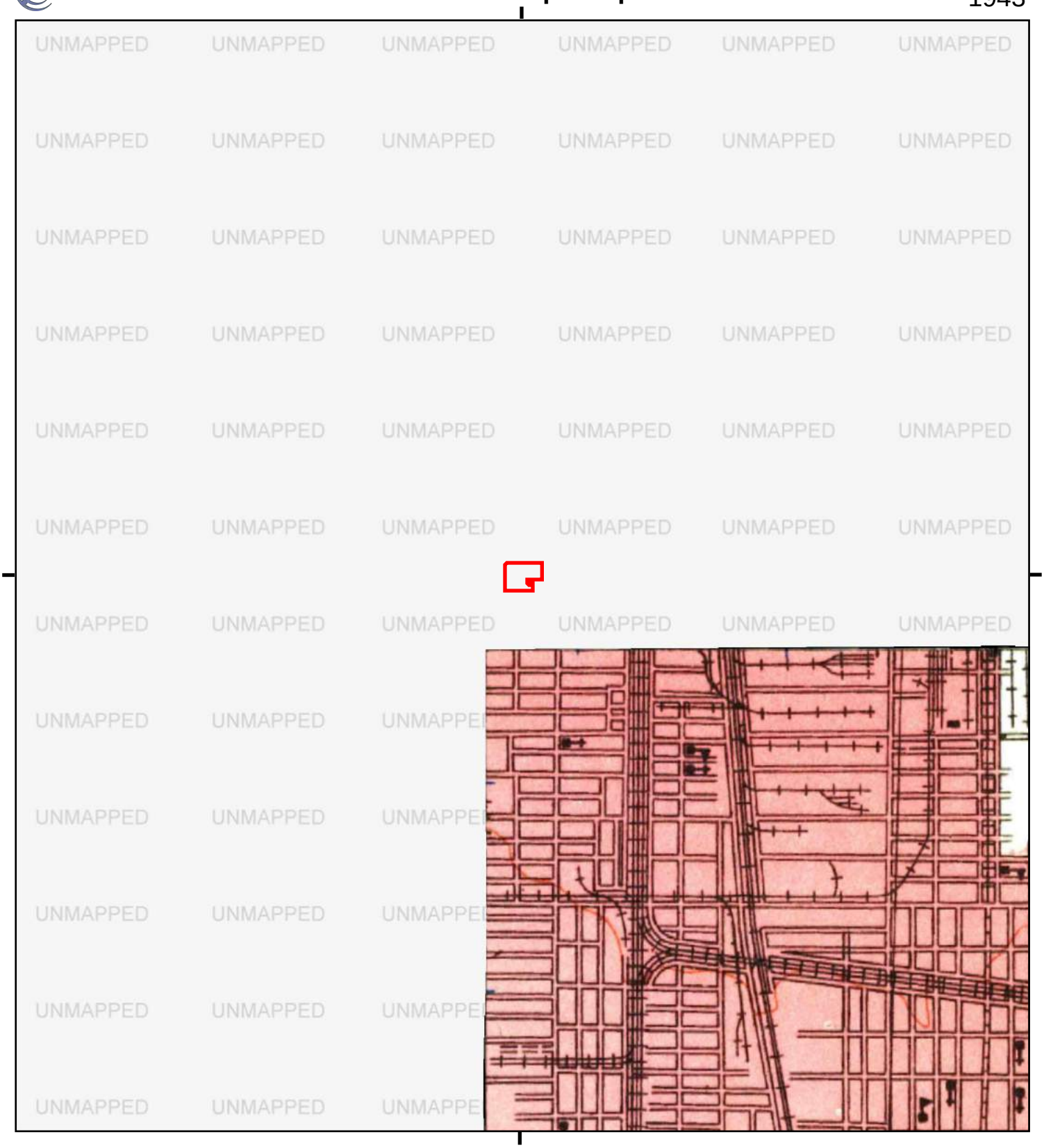
SE, DOWNEY, 1947, 15-minute
SW, REDONDO, 1948, 15-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1943



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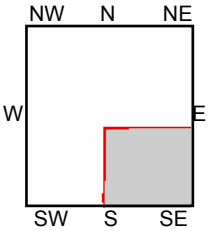
0 Miles 0.25 0.5 1 1.5



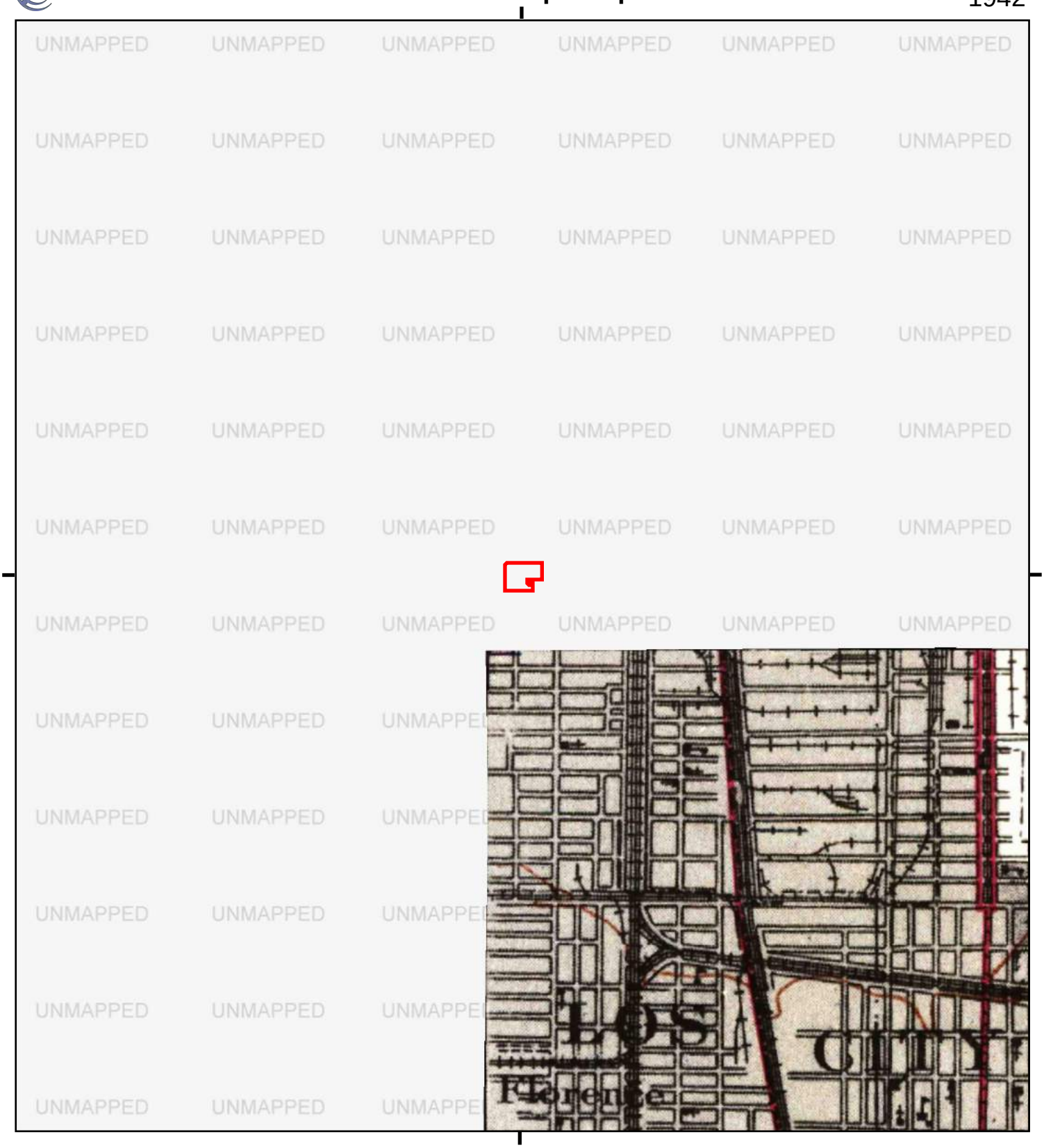
SE, Downey, 1943, 15-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1942



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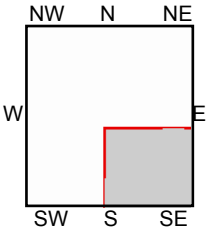
0 Miles 0.25 0.5 1 1.5



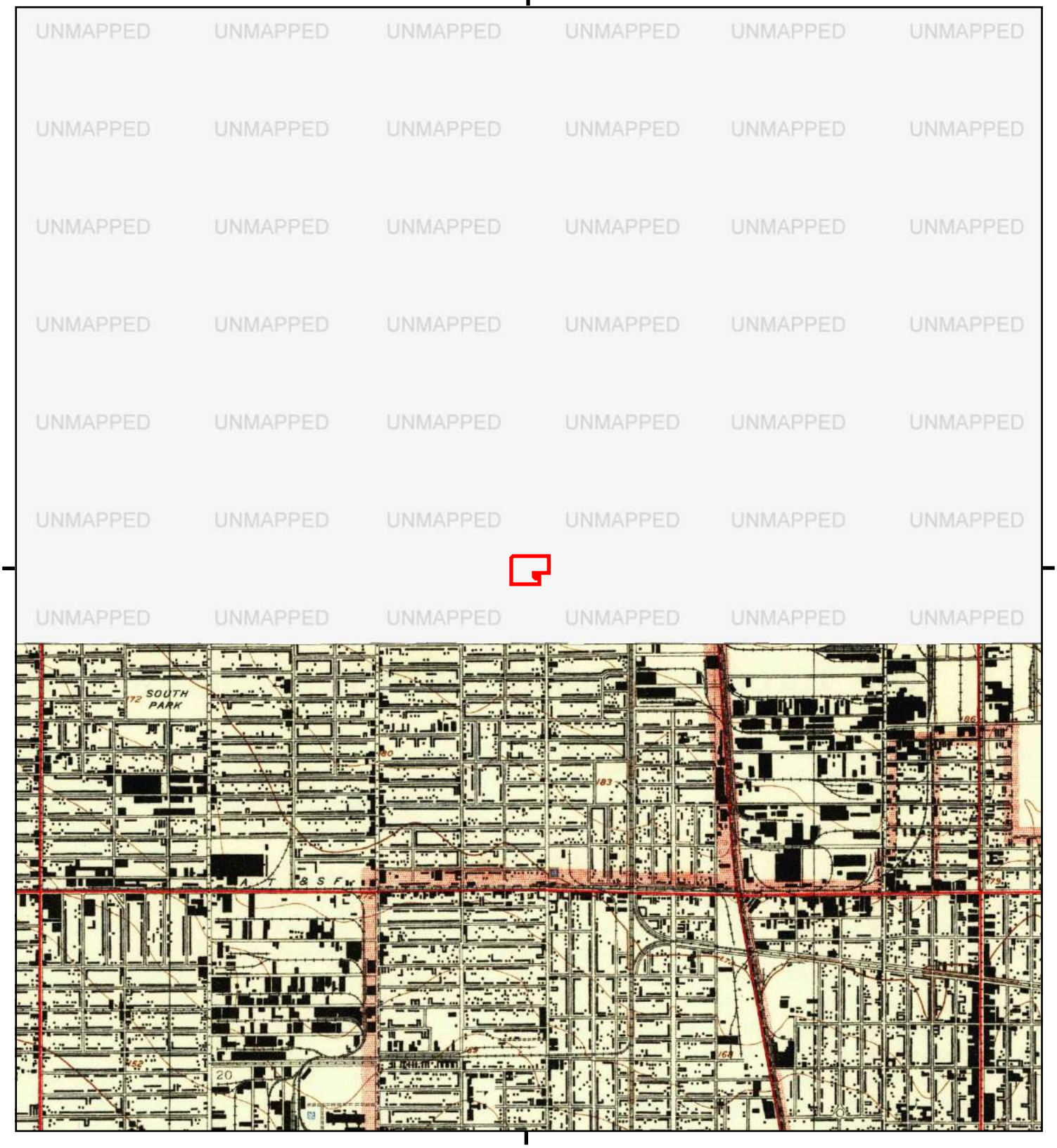
SE, Downey, 1942, 15-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1937



This report includes information from the following map sheet(s).

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NW N NE
W E
SW S SE

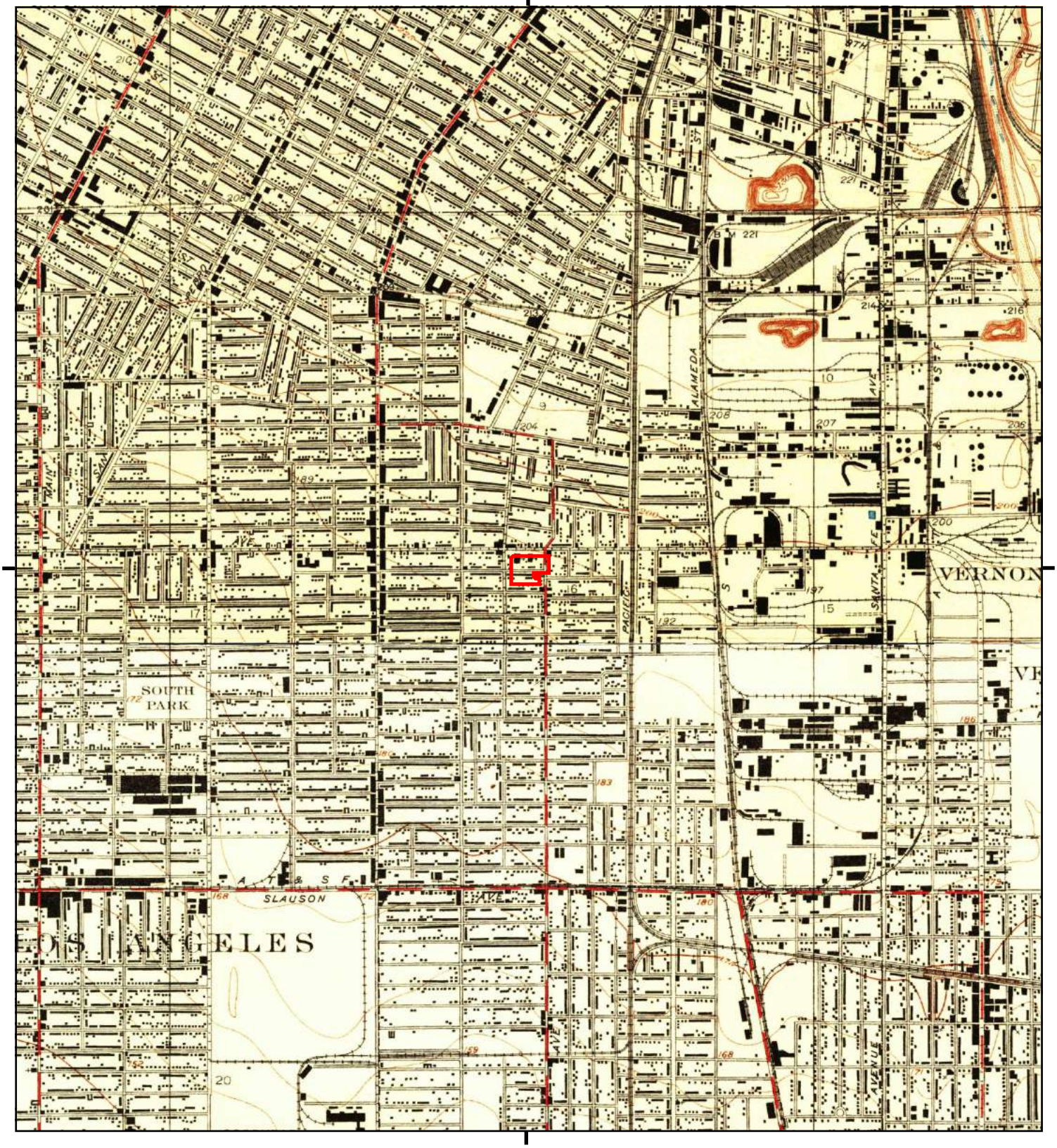
S, Watts, 1937, 7.5-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1924, 1928



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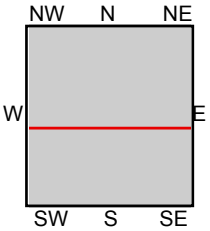
0 Miles 0.25 0.5 1 1.5



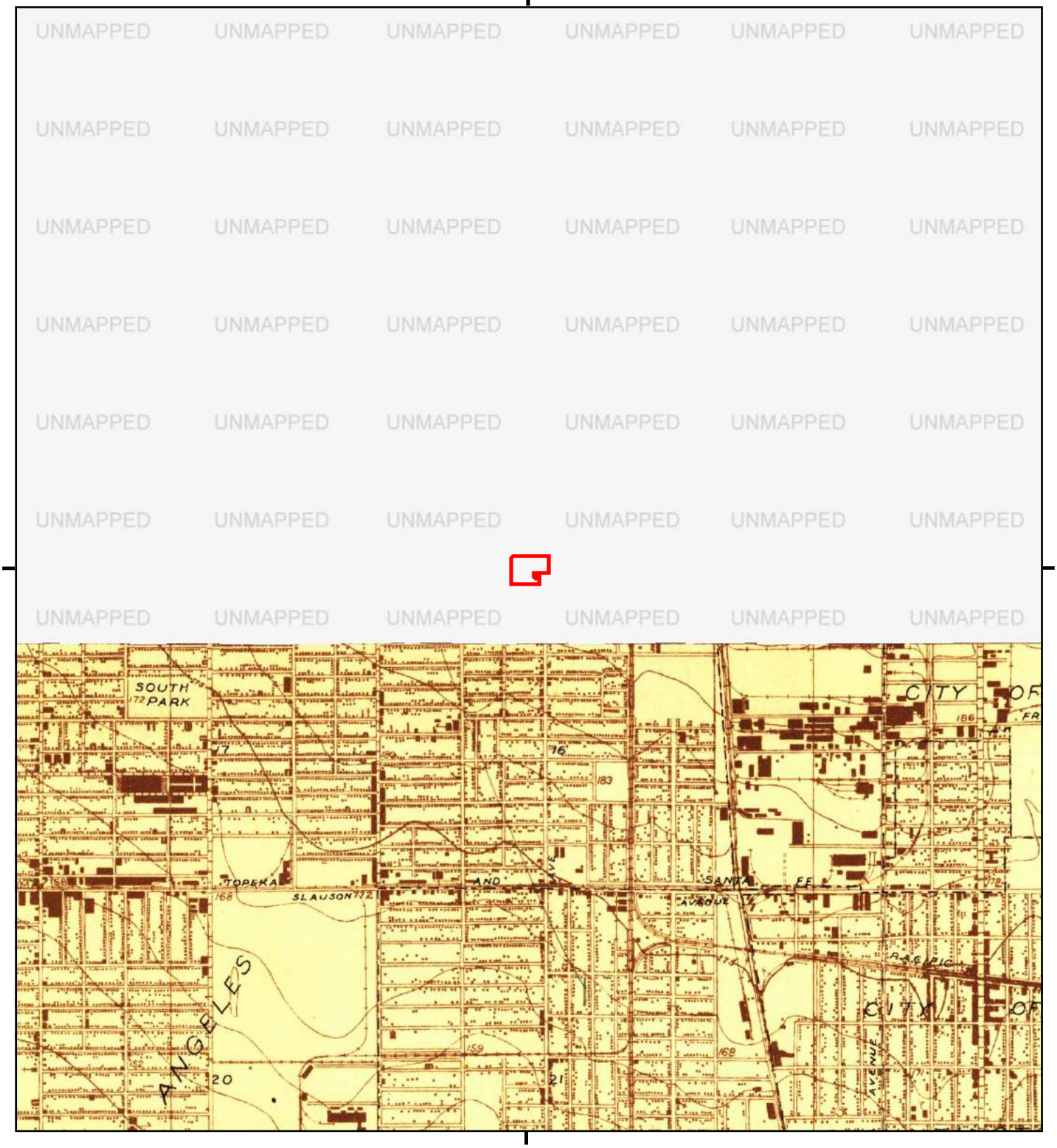
TP, Los Angeles, 1928, 7.5-minute
S, Watts, 1924, 7.5-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1923



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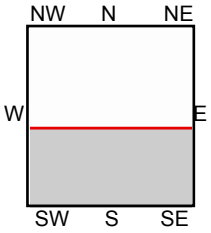


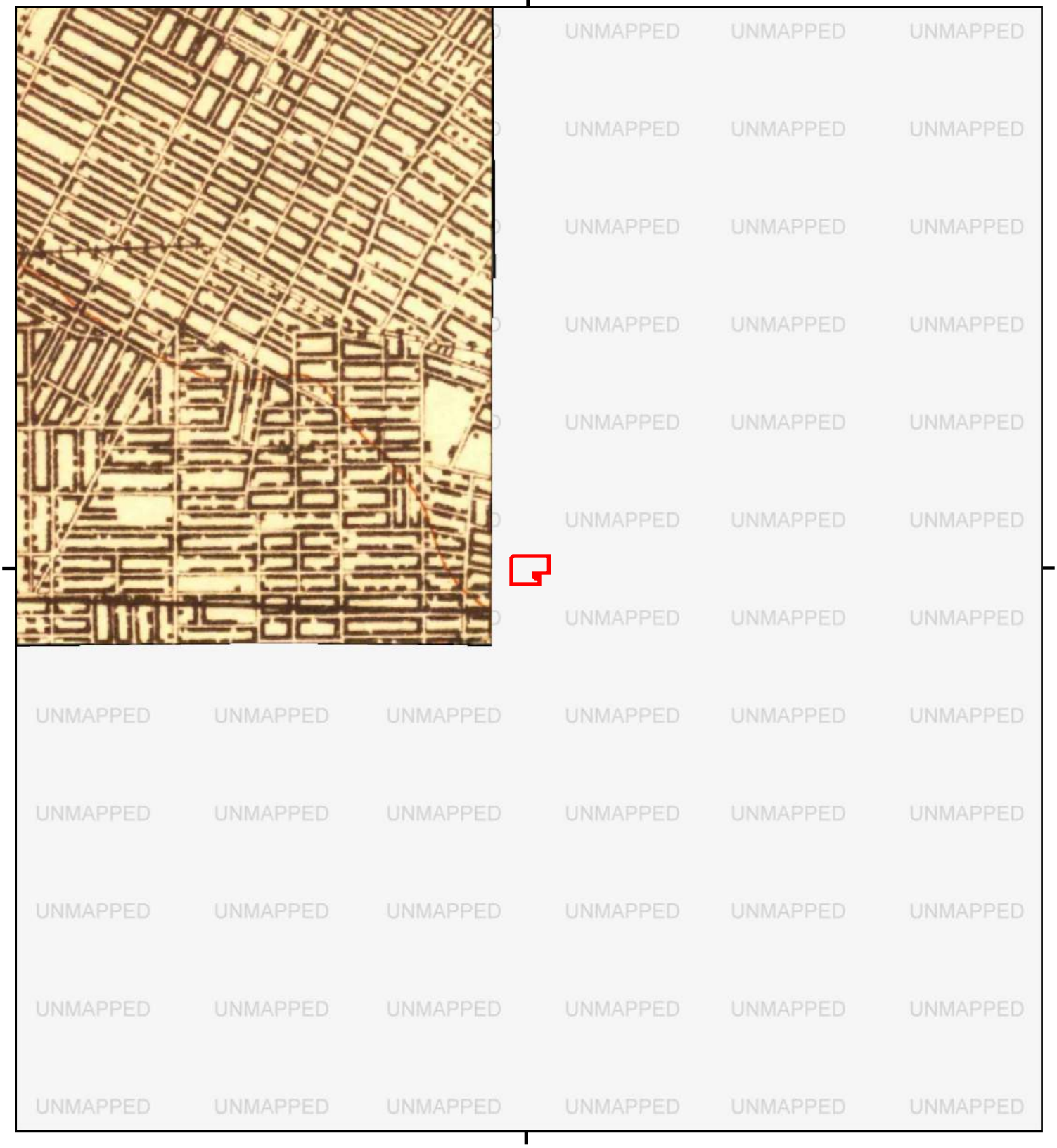
S, Watts, 1923, 7.5-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1921



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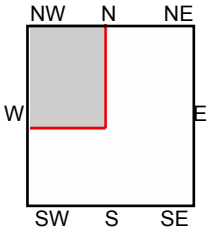
0 Miles 0.25 0.5 1 1.5



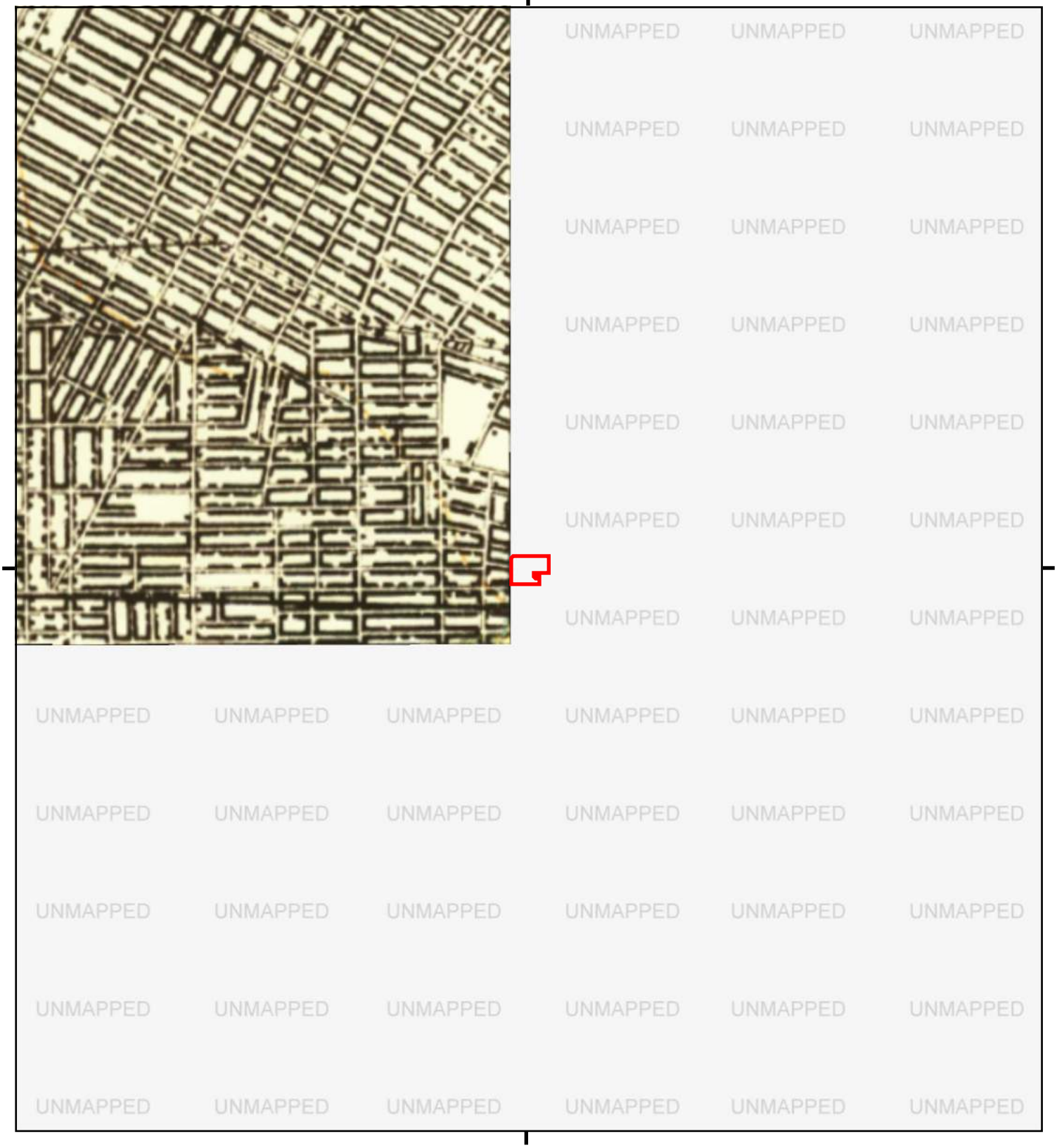
NW, Santa Monica, 1921, 15-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1920



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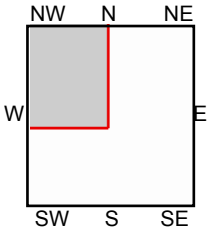
0 Miles 0.25 0.5 1 1.5



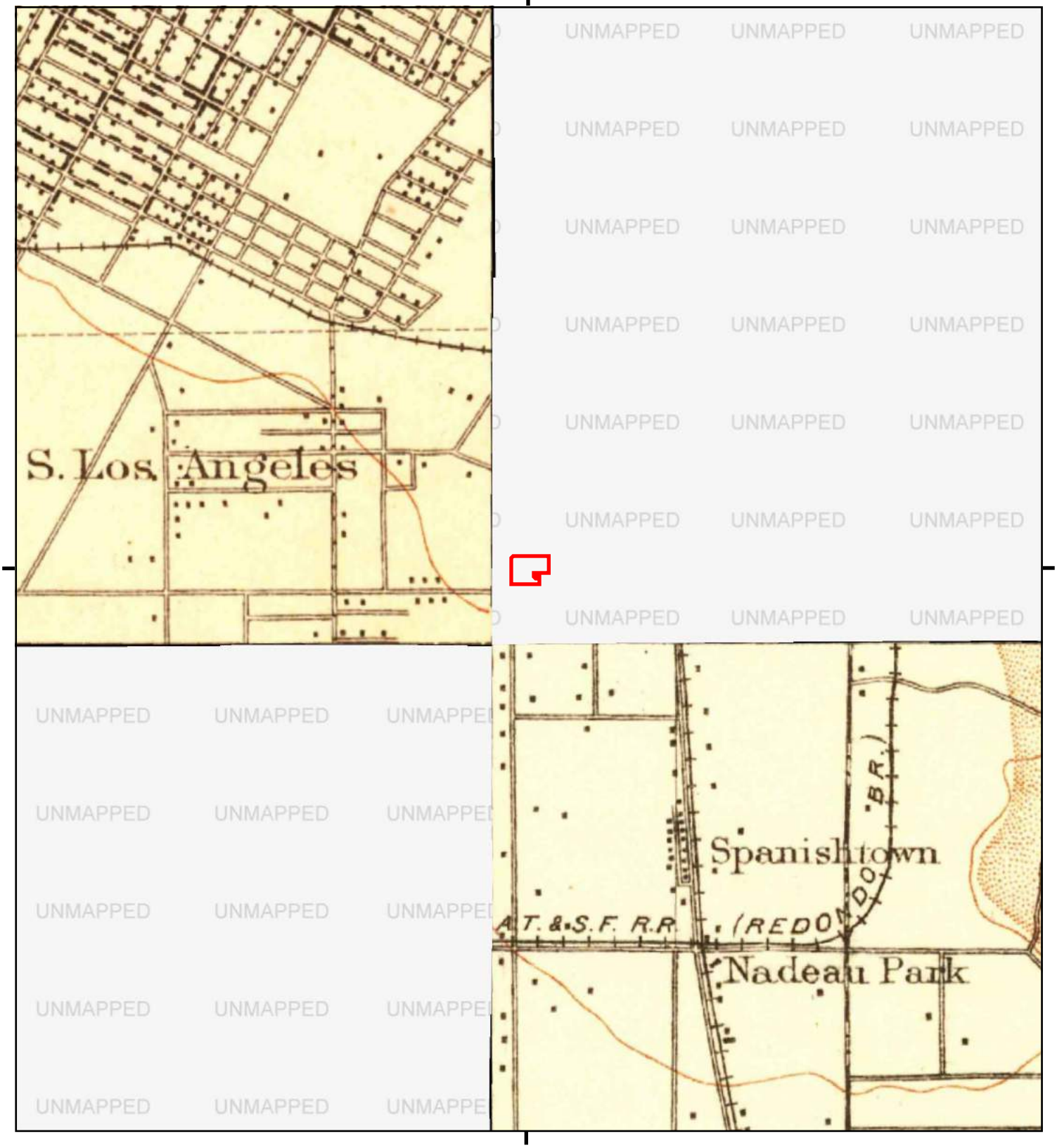
NW, SANTA MONICA, 1920, 15-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1902



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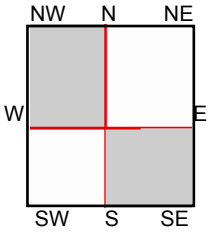


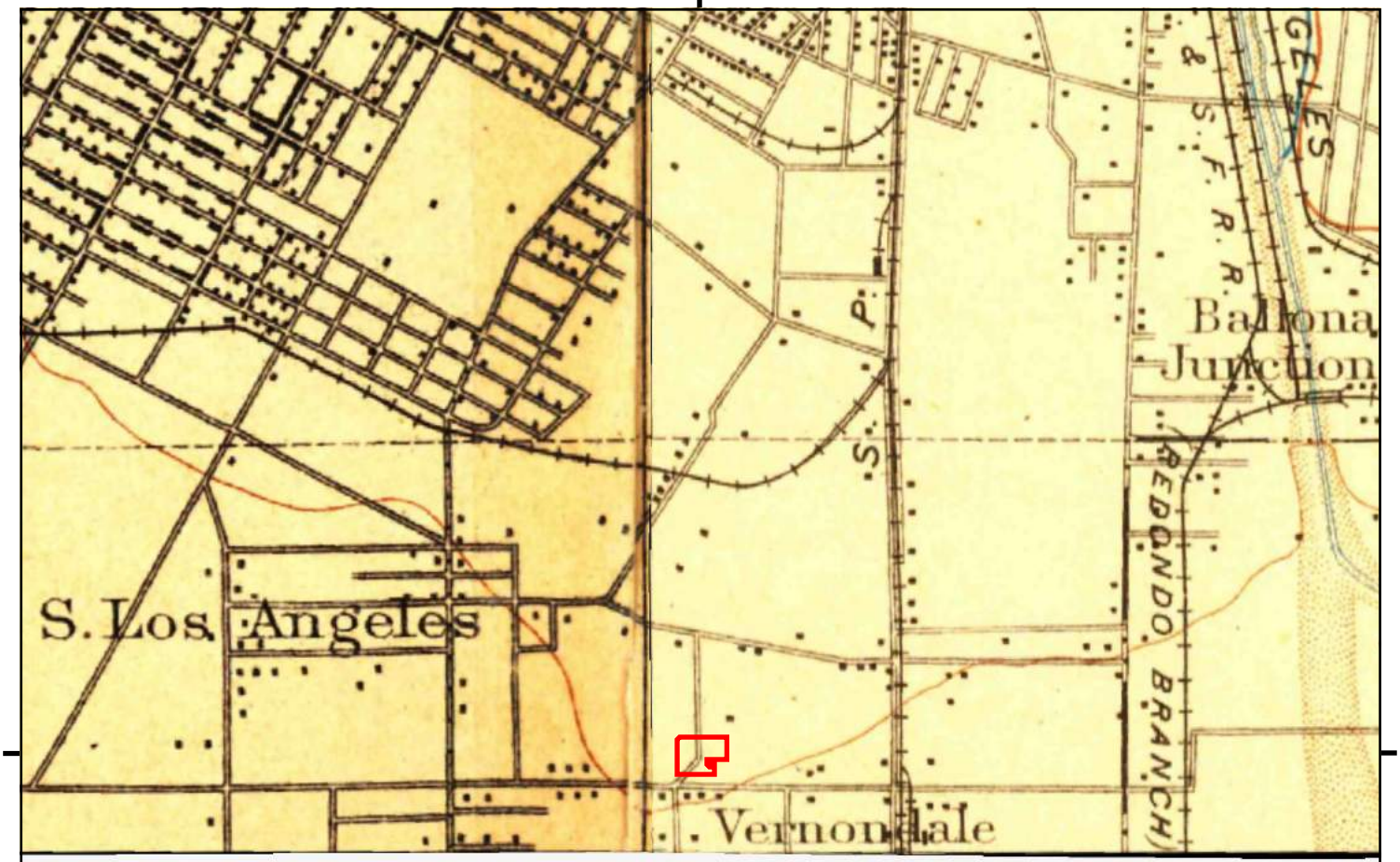
SE, Downey, 1902, 15-minute
NW, Santa Monica, 1902, 15-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1900



UNMAPPED

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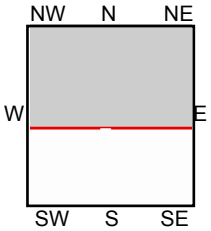
0 Miles 0.25 0.5 1 1.5



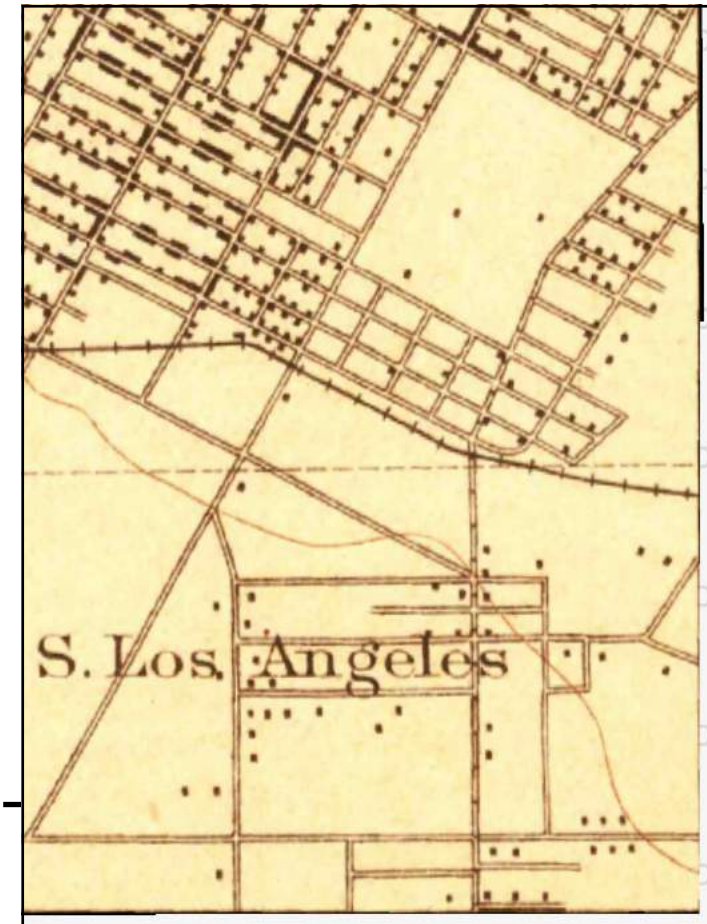
TP, Pasadena, 1900, 15-minute
TP, Los Angeles, 1900, 15-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1898



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

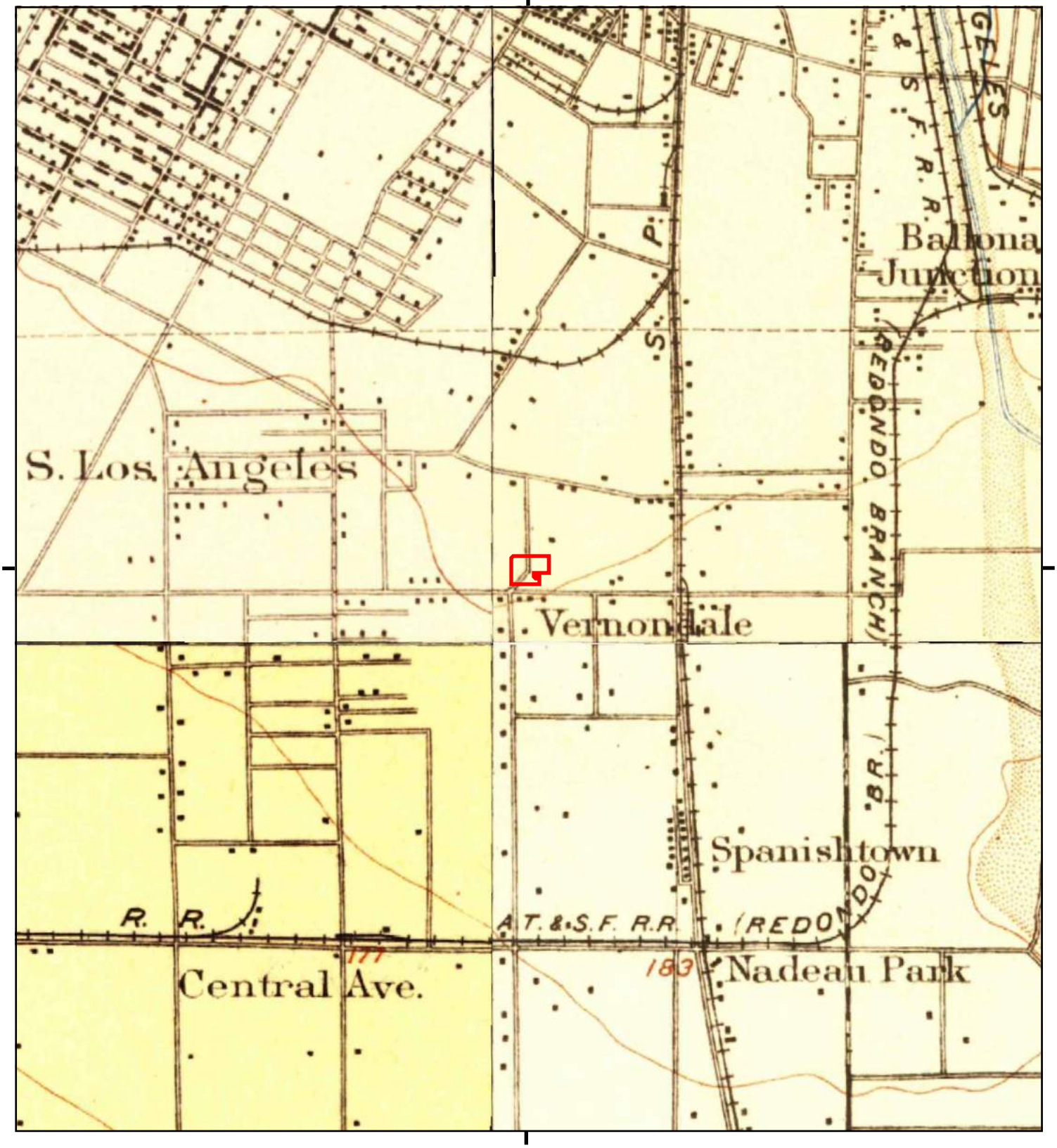
NW, Santa Monica, 1898, 15-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1896



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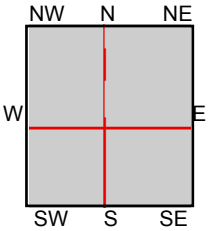


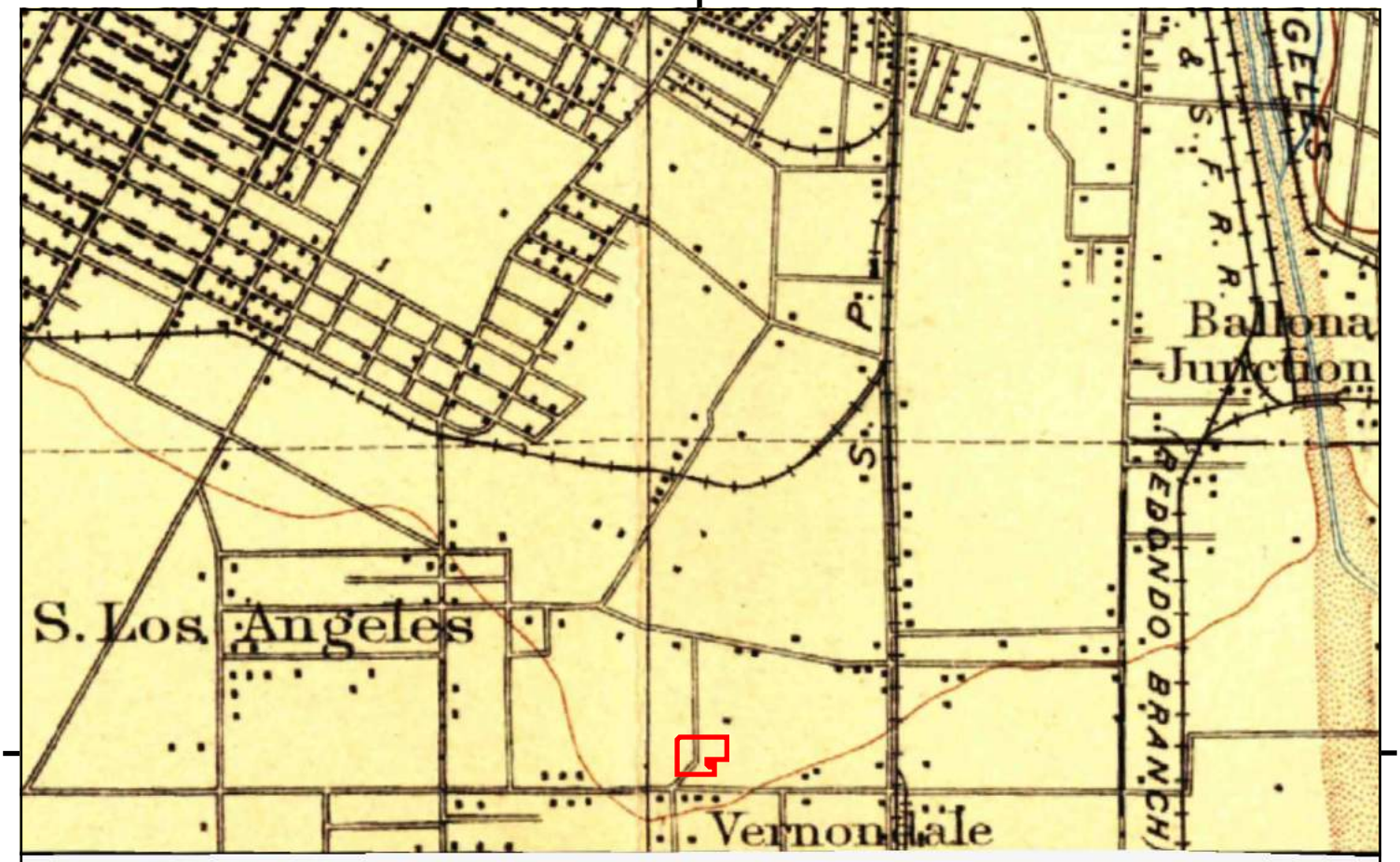
TP, Pasadena, 1896, 15-minute
SE, Downey, 1896, 15-minute
SW, Redondo, 1896, 15-minute
NW, Santa Monica, 1896, 15-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Historical Topo Map

1894



UNMAPPED

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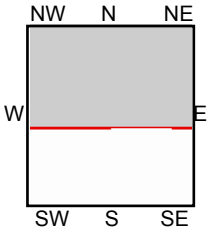

TP, Los Angeles, 1894, 15-minute

SITE NAME: Ascot Avenue Elementary School
ADDRESS: 1447 E 45th Street
Los Angeles, CA 90011
CLIENT: ENSAFE

N

Ascot Avenue Elementary School

1447 E 45th Street

Los Angeles, CA 90011

Inquiry Number: 4974651.3

June 23, 2017

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

06/23/17

Site Name:	Client Name:
Ascot Avenue Elementary Sch	ENSAFE
1447 E 45th Street	5724 Summer Trees Drive
Los Angeles, CA 90011	Memphis, TN 38134
EDR Inquiry # 4974651.3	Contact: Alex Mitoma

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The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 1895-47DC-B31A

PO # Z000000005

Project Z000000005

Maps Provided:

1970	1950
1968	1922
1966	1906
1962	
1960	
1955	
1954	
1953	

Sanborn® Library search results

Certification #: 1895-47DC-B31A

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

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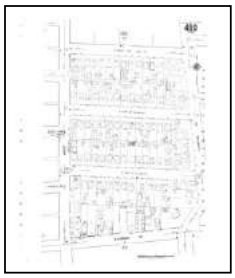
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1970 Source Sheets



Volume 4, Sheet 490
1970

Volume 4, Sheet 491
1970

1968 Source Sheets

Volume 4, Sheet 490
1968

Volume 4, Sheet 491
1968

1966 Source Sheets

Volume 4, Sheet 490
1966

Volume 4, Sheet 491
1966

1962 Source Sheets

Volume 4, Sheet 490
1962

Volume 4, Sheet 491
1962

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1960 Source Sheets

Volume 4, Sheet 490
1960

Volume 4, Sheet 491
1960

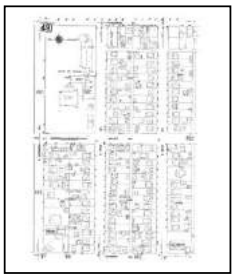
1955 Source Sheets

Volume 4, Sheet 490
1955

Volume 4, Sheet 491
1955

1954 Source Sheets

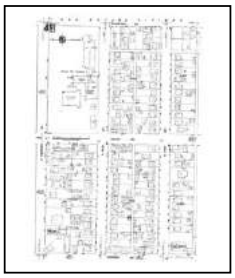
Volume 4, Sheet 490
1954



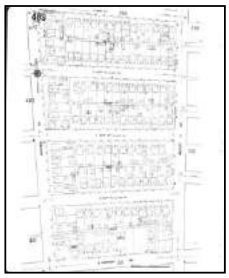
Volume 4, Sheet 491
1954

1953 Source Sheets

Volume 4, Sheet 490
1953



Volume 4, Sheet 491
1953



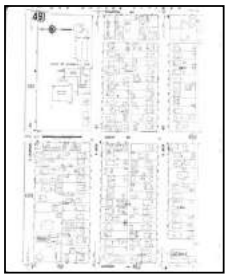
Volume 4, Sheet 489
1953

Volume 4, Sheet 490
1953

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1953 Source Sheets



Volume 4, Sheet 491
1953

1950 Source Sheets

Volume 4, Sheet 499m
1950

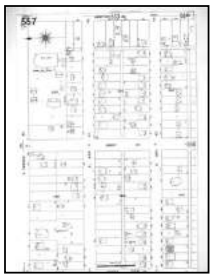
Volume 4, Sheet 499n
1950

1922 Source Sheets

Volume 4, Sheet 499m
1922

Volume 4, Sheet 499n
1922

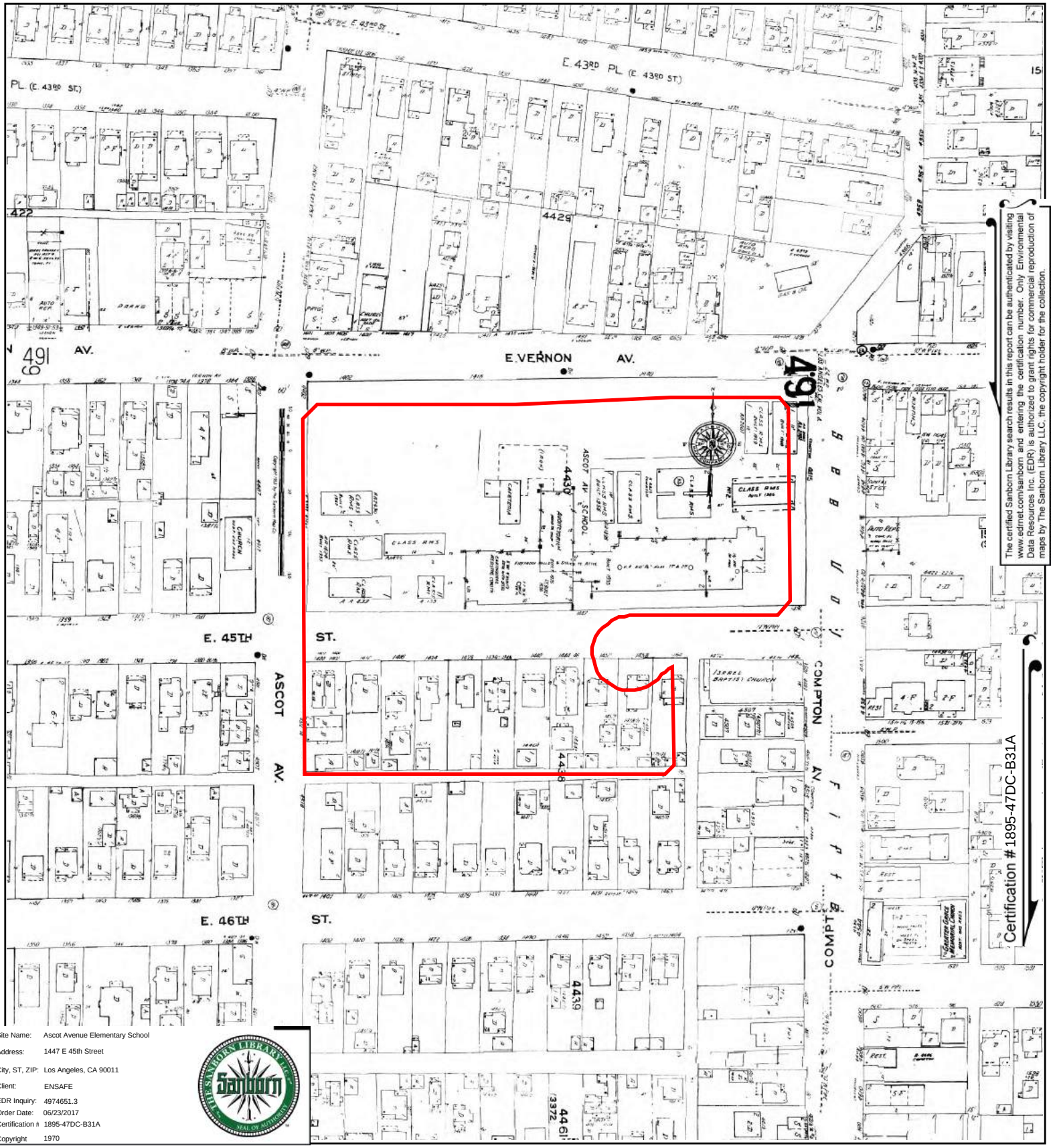
1906 Source Sheets



Volume 5, Sheet 557
1906

Certified Sanborn® Map

1970



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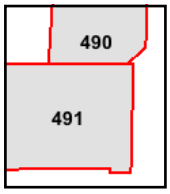
Site Name:	Ascot Avenue Elementary School
Address:	1447 E 45th Street
City, ST, ZIP:	Los Angeles, CA 90011
Client:	ENSAFE
EDR Inquiry:	4974651.3
Order Date:	06/23/2017
Certification #	1895-47DC-B31A
Copyright	1970

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

0 Feet 150 300 600

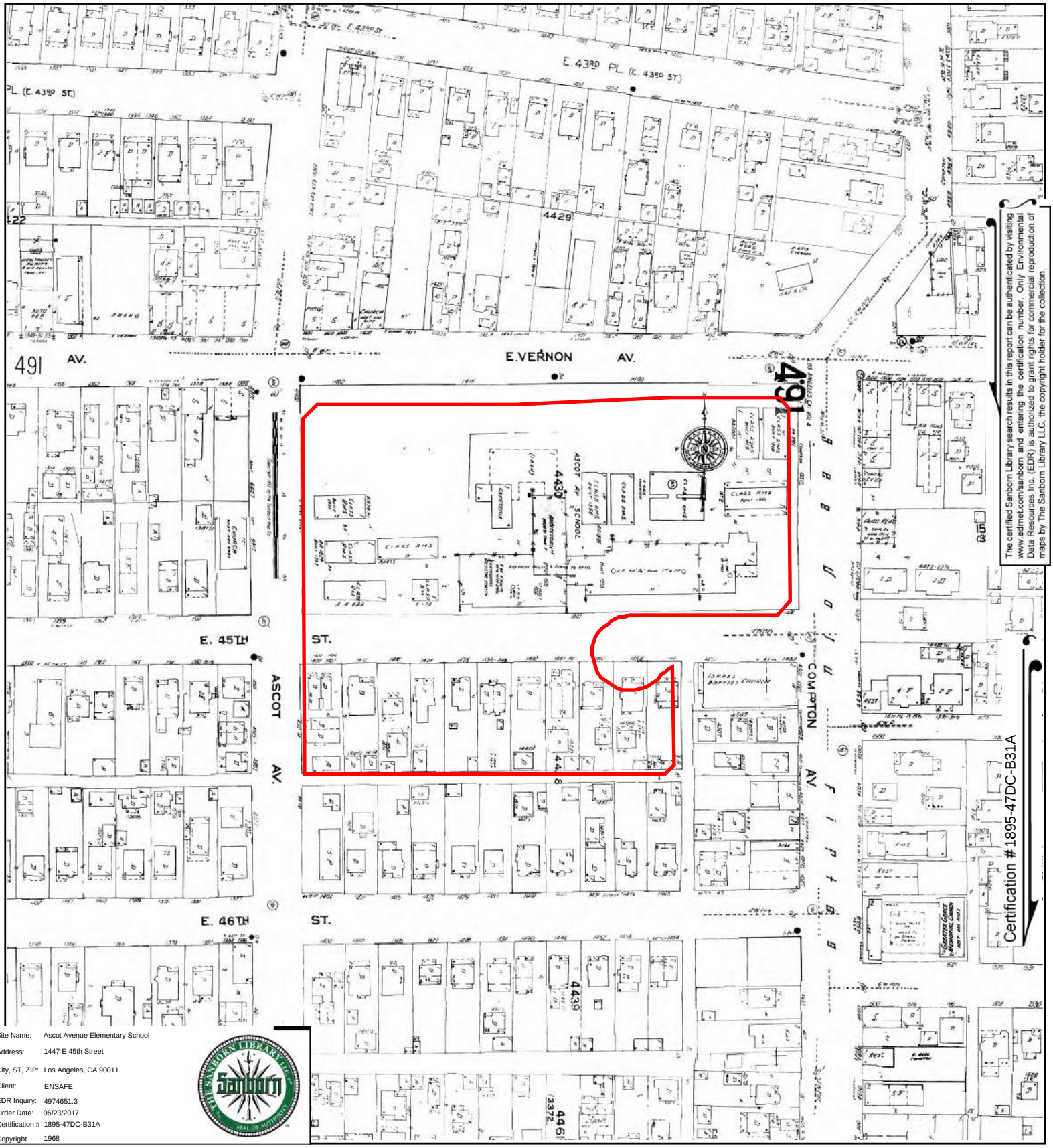


Volume 4, Sheet 491
Volume 4, Sheet 490

N

Certified Sanborn® Map

1968



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Site Name:	Ascot Avenue Elementary School
Address:	1447 E 45th Street
City, ST, ZIP:	Los Angeles, CA 90011
Client:	ENSAFE
EDR Inquiry:	4974651.3
Order Date:	06/23/2017
Certification #	1895-47DC-B31A
Copyright	1968

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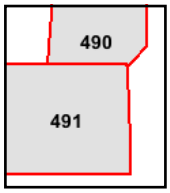

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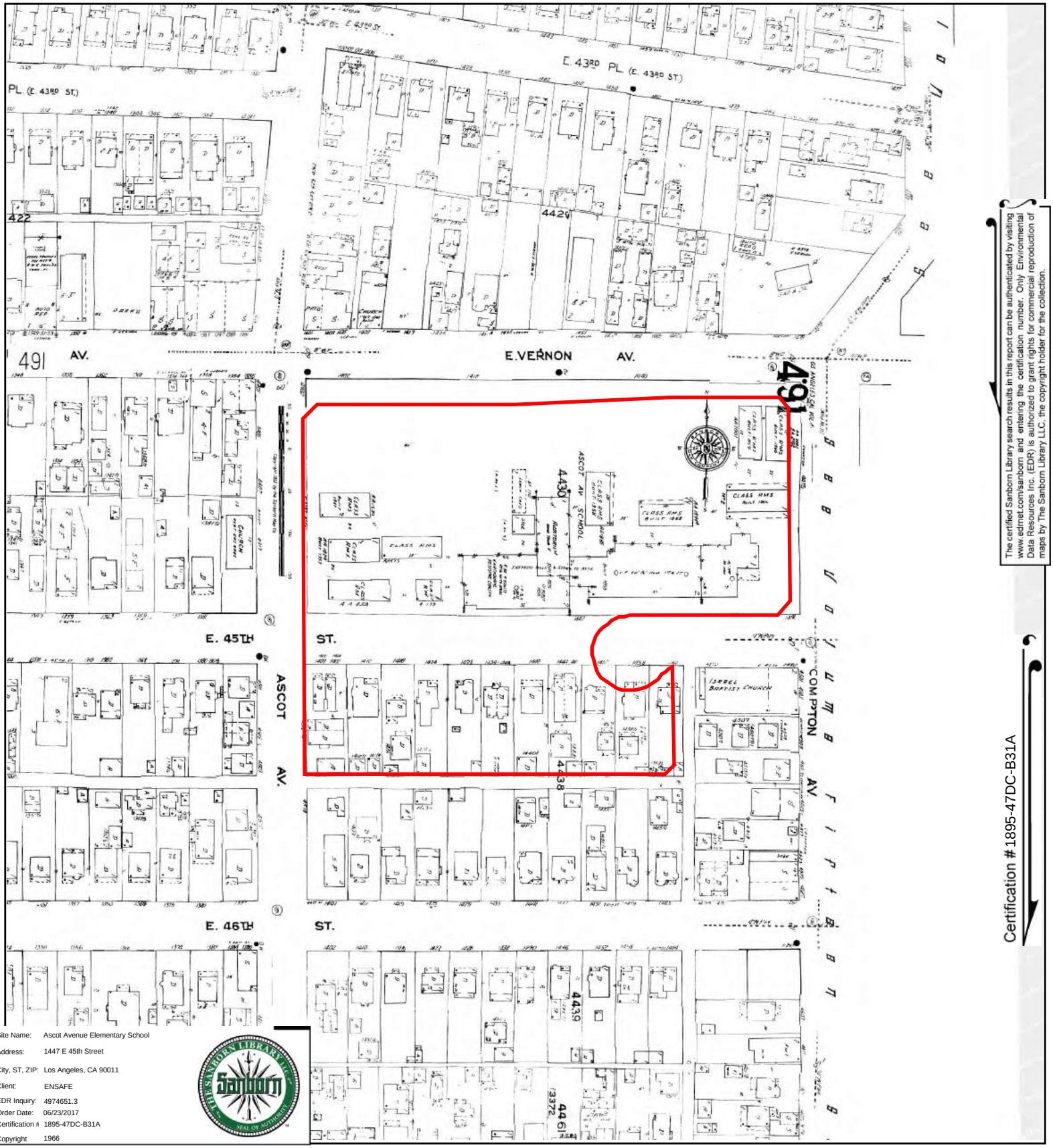
N

Certified Sanborn® Map

1966



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EDR Inquiry:	4974651.3
Order Date:	06/23/2017
Certification #	1895-47DC-B31A
Copyright	1966

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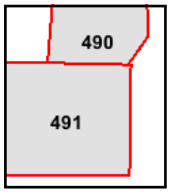

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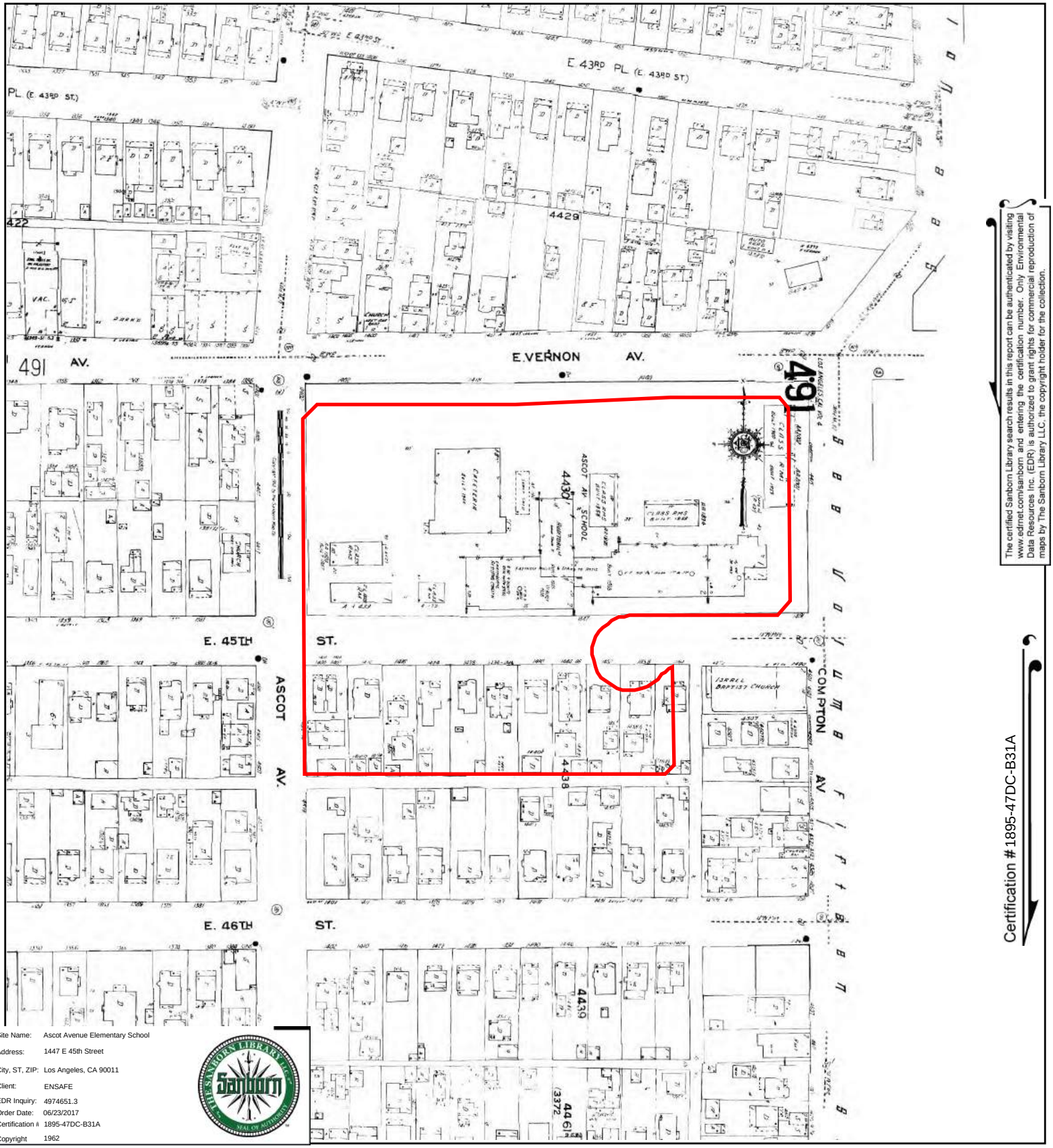
N

Certified Sanborn® Map

1962



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Certification # 1895-47DC-B31A

Site Name:	Ascot Avenue Elementary School
Address:	1447 E 45th Street
City, ST, ZIP:	Los Angeles, CA 90011
Client:	ENSAFE
EDR Inquiry:	4974651.3
Order Date:	06/23/2017
Certification #	1895-47DC-B31A
Copyright	1962

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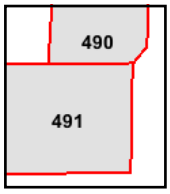

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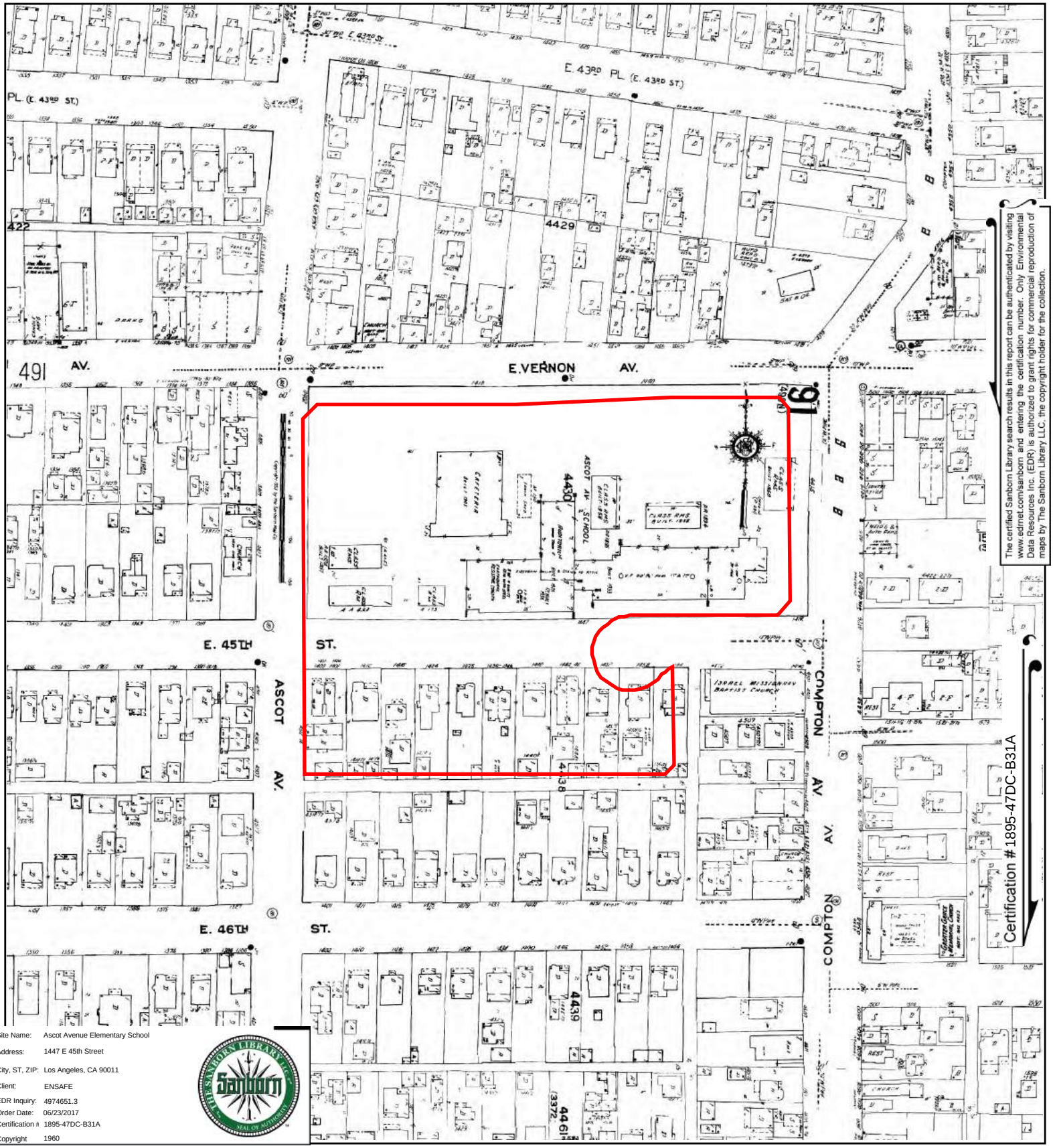
Certified Sanborn® Map

1960



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Site Name:	Ascot Avenue Elementary School
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City, ST, ZIP:	Los Angeles, CA 90011
Client:	ENSAFE
EDR Inquiry:	4974651.3
Order Date:	06/23/2017
Certification #	1895-47DC-B31A
Copyright	1960

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Outlined areas indicate map sheets within the collection.

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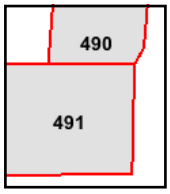

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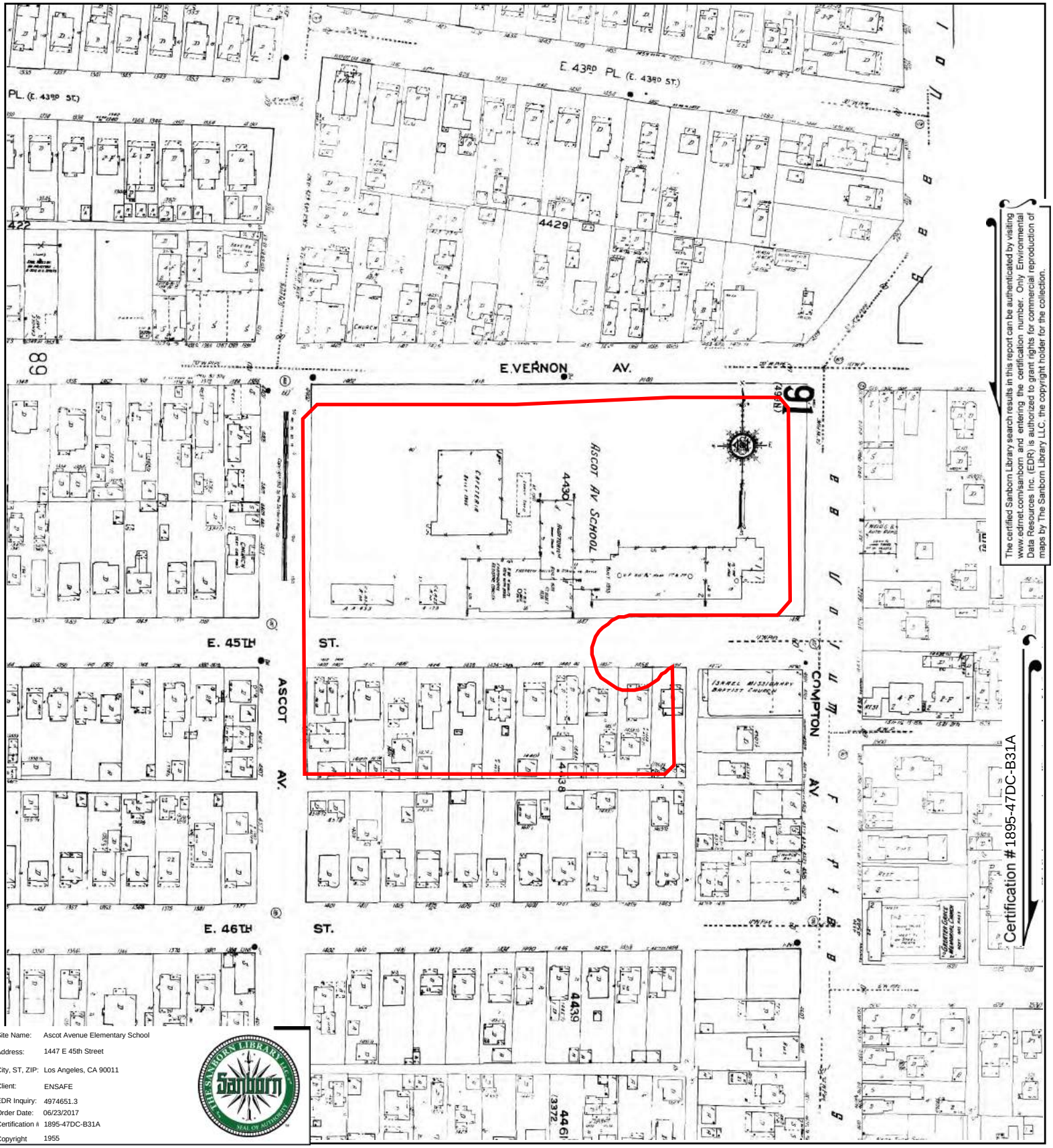
1955



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Site Name:	Ascot Avenue Elementary School
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City, ST, ZIP:	Los Angeles, CA 90011
Client:	ENSAFE
EDR Inquiry:	4974651.3
Order Date:	06/23/2017
Certification #	1895-47DC-B31A
Copyright	1955

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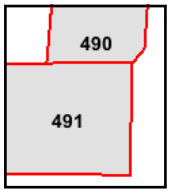

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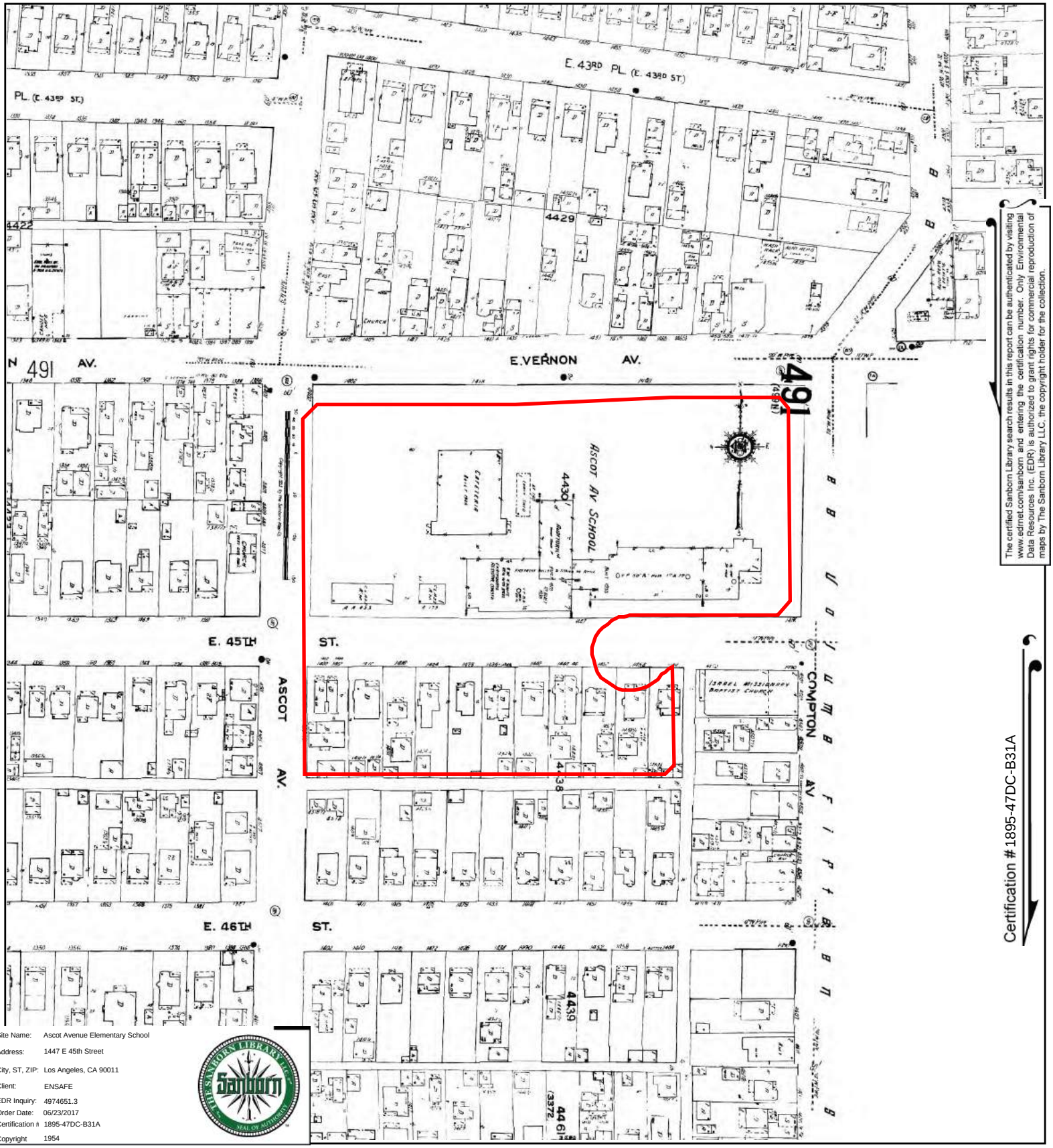
Certified Sanborn® Map

1954



Site Name: Ascot Avenue Elementary School
Address: 1447 E 45th Street
City, ST, ZIP: Los Angeles, CA 90011
Client: ENSAFE
EDR Inquiry: 4974651.3
Order Date: 06/23/2017
Certification # 1895-47DC-B31A
Copyright 1954

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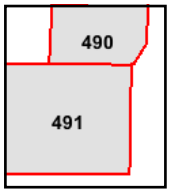

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Certification # 1895-47DC-B31A

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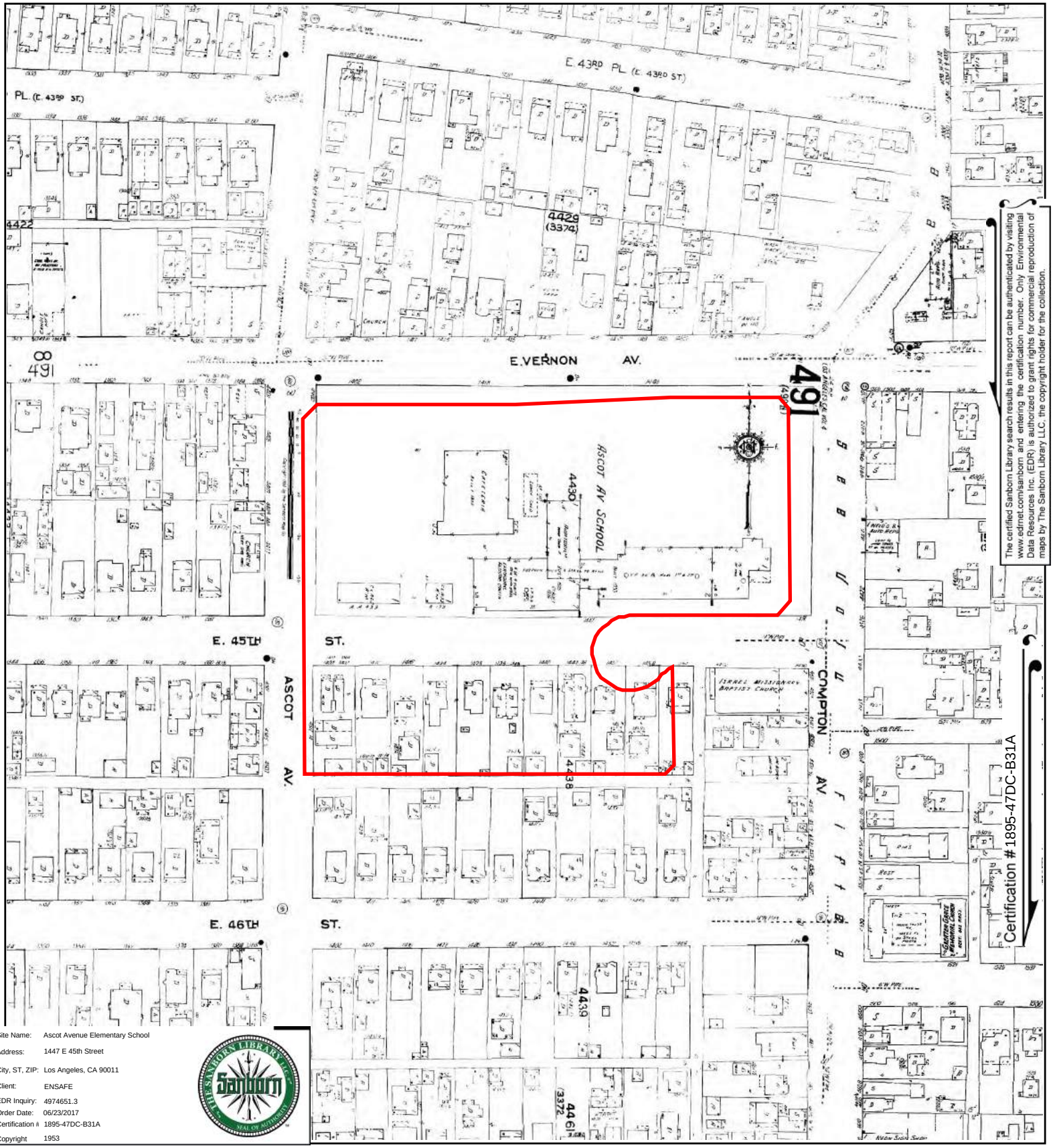
1953



Site Name: Ascot Avenue Elementary School
Address: 1447 E 45th Street
City, ST, ZIP: Los Angeles, CA 90011
Client: ENSAFE
EDR Inquiry: 4974651.3
Order Date: 06/23/2017
Certification # 1895-47DC-B31A
Copyright 1953

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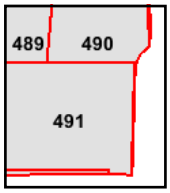

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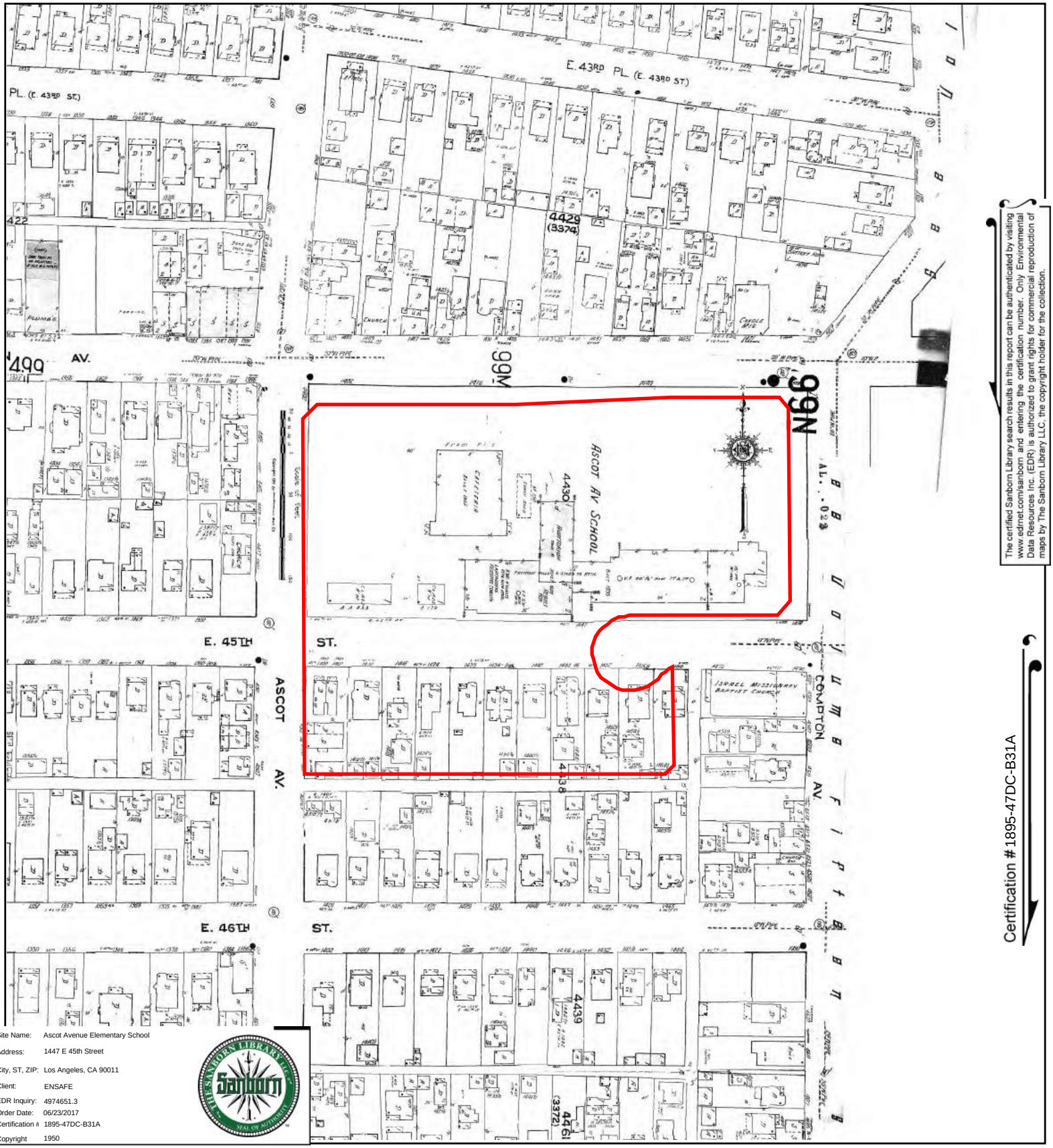
1950



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Certification # 1895-47DC-B31A

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Client:	ENSAFE
EDR Inquiry:	4974651.3
Order Date:	06/23/2017
Certification #	1895-47DC-B31A
Copyright	1950

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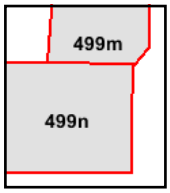

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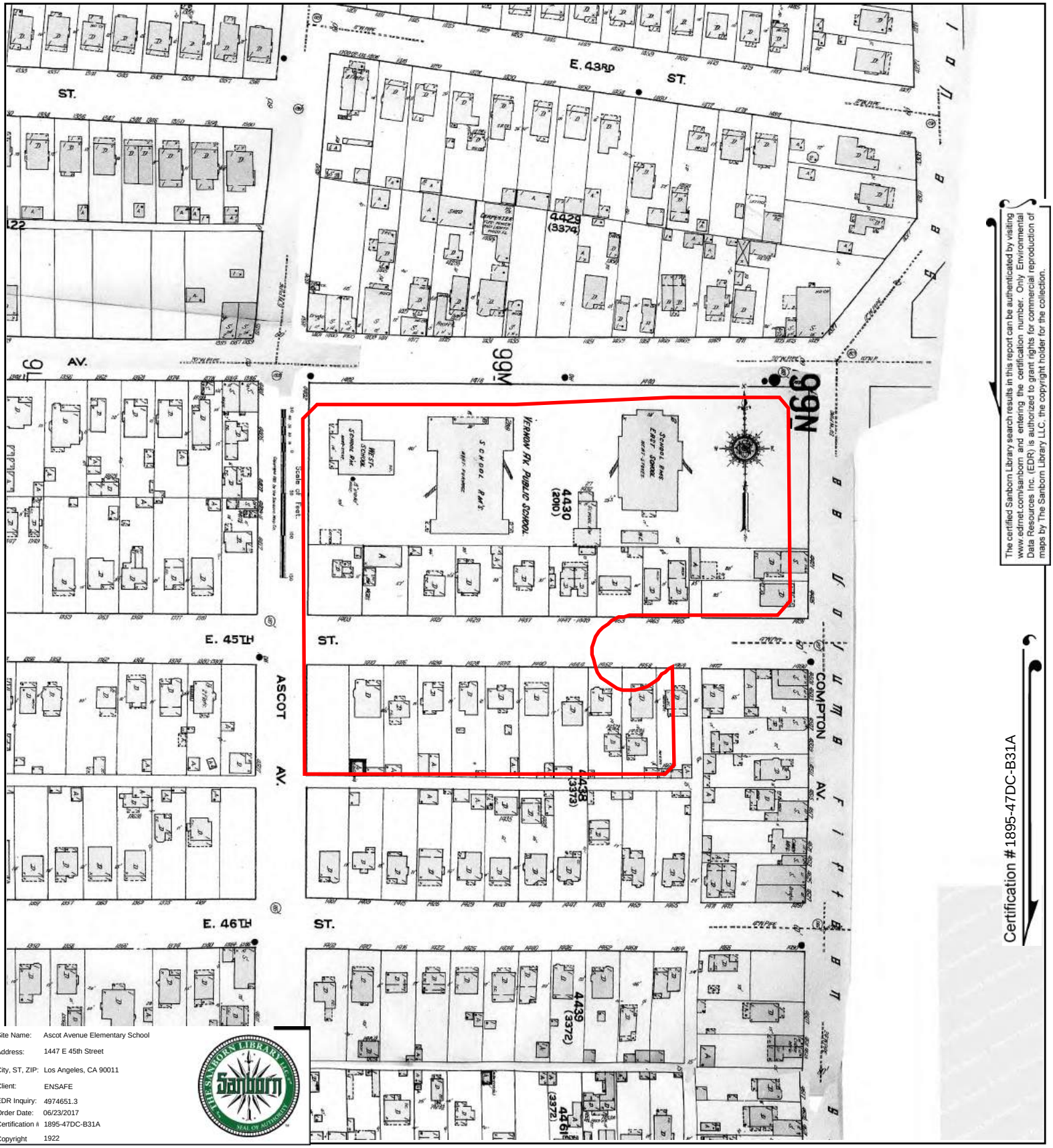
N

Certified Sanborn® Map

1922



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Certification # 1895-47DC-B31A

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Address:	1447 E 45th Street
City, ST, ZIP:	Los Angeles, CA 90011
Client:	ENSAFE
EDR Inquiry:	4974651.3
Order Date:	06/23/2017
Certification #	1895-47DC-B31A
Copyright	1922

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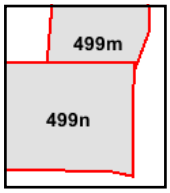

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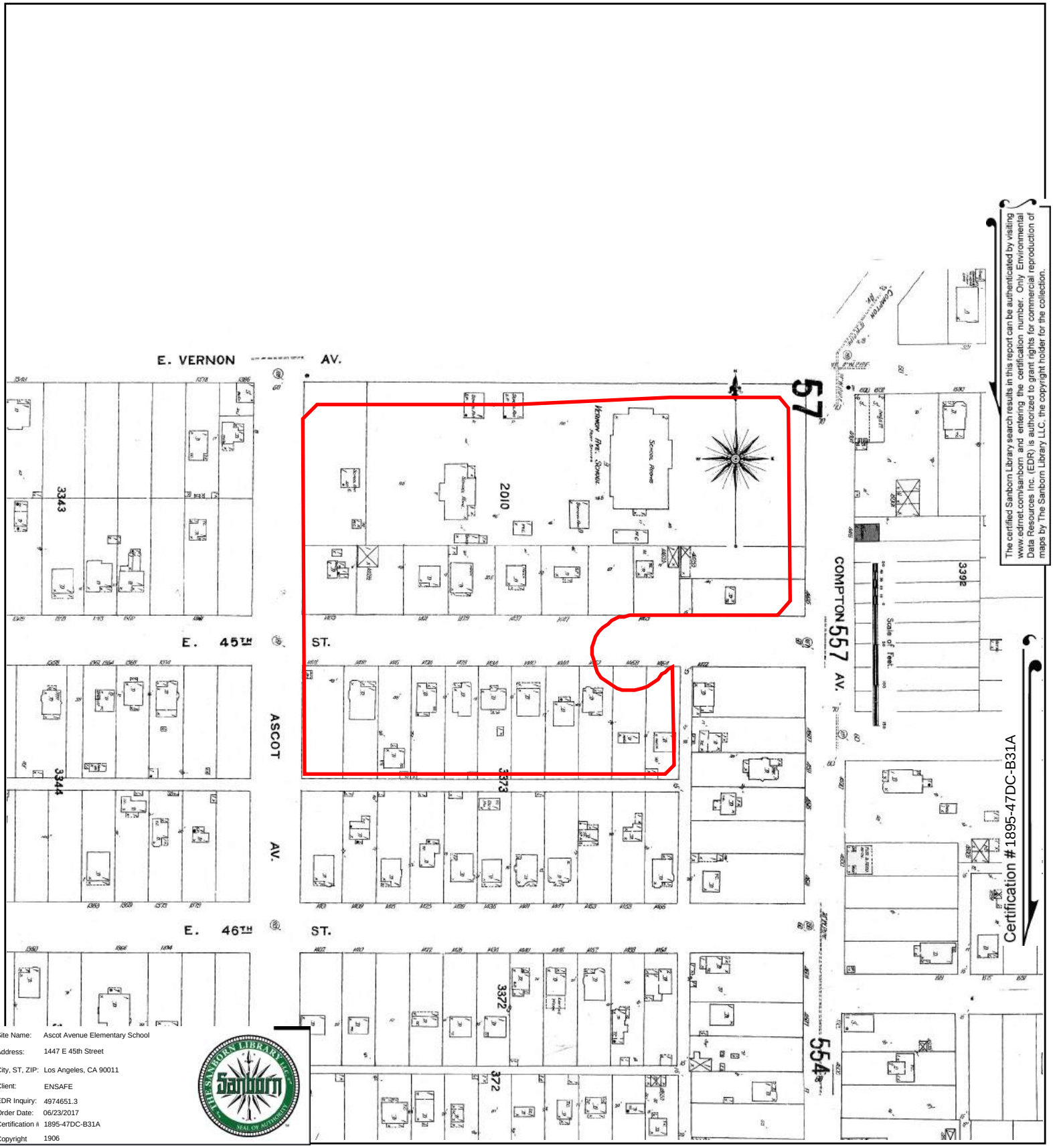
Volume 4, Sheet 499m

N

Certified Sanborn® Map



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Site Name:	Ascot Avenue Elementary School
Address:	1447 E 45th Street
City, ST, ZIP:	Los Angeles, CA 90011
Client:	ENSAFE
EDR Inquiry:	4974651.3
Order Date:	06/23/2017
Certification #	1895-47DC-B31A
Copyright	1906

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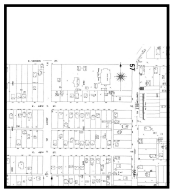

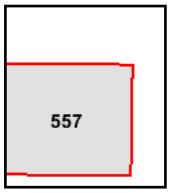

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N

Ascot Avenue Elementary School
1447 E 45th Street
Los Angeles, CA 90011

Inquiry Number: 4974651.5
June 23, 2017

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 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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Data by infoUSA®

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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	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	X	X	X	-
1986	Pacific Bell	X	X	X	-
1985	Pacific Bell	-	-	-	-
1981	Pacific Telephone	X	X	X	-
1980	Pacific Telephone	-	-	-	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	-	-	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	X	X	X	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	X	X	X	-
1966	Pacific Telephone	-	-	-	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	-	-	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	X	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	-	-	-
1958	Pacific Telephone	-	X	X	-
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	X	-
1950	Pacific Telephone	-	-	-	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Associated Telephone Company, Ltd.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	R. L. Polk & Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	X	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	X	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	X	X	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	TRIBUNE-NEWS PUBLISHING CO.	-	-	-	-
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	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1447 E 45th Street
Los Angeles, CA 90011

FINDINGS DETAIL

Target Property research detail.

45TH ST E

1447 45TH ST E

Year	Uses	Source
1951	E 45th Los Angeles City Board of Education elementary schools Ascot Ave	Pacific Telephone & Telegraph Co.

E 45TH

1447 E 45TH

Year	Uses	Source
1990	ASCOT AVE ELEMENTARY SCHOOL	Pacific Bell
1986	ASCOT AVE ELEMENTARY SCHOOL	Pacific Bell
1981	ASCOT AVE ELEMENTARY SCHOOL	Pacific Telephone
1971	Ascot Ave Elementary School	Pacific Telephone
1962	Ascot Ave Elementary School	Pacific Telephone
1942	Ascot Avenue School	Los Angeles Directory Co.
1937	Ascot Avenue School	Los Angeles Directory Co.
1924	BARKLEY Terrence M h	Los Angeles Directory Co.
	Mc AULEY Etta F wid W J r	Los Angeles Directory Co.

E 45th St

1447 E 45th St

Year	Uses	Source
2014	LOS ANGELES UNIFIED SCHOOL DST	EDR Digital Archive
2010	LOS ANGELES UNIFIED SCHL DIST	EDR Digital Archive

FINDINGS

E 45TH ST

1447 E 45TH ST

Year	Uses	Source
2006	ASCOTAVEELEM	Haines Company, Inc
1990	ASCOT AVE ELEMENTARY SCHOOL	Pacific Bell
1986	ASCOT AVE ELEMENTARY SCHOOL	Pacific Bell
1981	ASCOT AVE ELEMENTARY SCHOOL	Pacific Telephone
1971	Ascot Ave Elementary School	Pacific Telephone
1967	Ascot Ave Elementary School	Pacific Telephone
1962	Ascot Ave Elementary School	Pacific Telephone
1942	Ascot Avenue School	Los Angeles Directory Co.
1937	Ascot Avenue School	Los Angeles Directory Co.
1924	BARKLEY Terrence M h	Los Angeles Directory Co.
	Mc AULEY Etta F wid W J r	Los Angeles Directory Co.

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

45TH ST E

1400 45TH ST E

Year	Uses	Source
1951	E 45th Mack Gary r	Pacific Telephone & Telegraph Co.

1402 45TH ST E

Year	Uses	Source
1951	E 45th Epps Maggie Lean r	Pacific Telephone & Telegraph Co.

1416 45TH ST E

Year	Uses	Source
1951	E 45th Woods Daisy r	Pacific Telephone & Telegraph Co.

1418 45TH ST E

Year	Uses	Source
1951	E 45th Anderson Esther Mae r	Pacific Telephone & Telegraph Co.

1424 45TH ST E

Year	Uses	Source
1951	E 45th Williams Olevia L r	Pacific Telephone & Telegraph Co.

1428 45TH ST E

Year	Uses	Source
1951	E 45th Roberts Arnold G r	Pacific Telephone & Telegraph Co.

1434 45TH ST E

Year	Uses	Source
1951	E 45th McLewis Hugh J r	Pacific Telephone & Telegraph Co.
	E 45th Walker Willard r	Pacific Telephone & Telegraph Co.

1440 45TH ST E

Year	Uses	Source
1951	E 45th Berry Ophelia r	Pacific Telephone & Telegraph Co.

FINDINGS

1444 45TH ST E

Year	Uses	Source
1951	E 45th Sanders Mamie r	Pacific Telephone & Telegraph Co.
	E 45th Grantham Oda V	Pacific Telephone & Telegraph Co.

1458 45TH ST E

Year	Uses	Source
1951	E 45th George C Rev r	Pacific Telephone & Telegraph Co.
	E 45th Champ Dave r	Pacific Telephone & Telegraph Co.

1521 45TH ST E

Year	Uses	Source
1951	E 45th Spencer Laura r	Pacific Telephone & Telegraph Co.
	E 45th Tillis Jas r	Pacific Telephone & Telegraph Co.

1523 45TH ST E

Year	Uses	Source
1951	E 45th Terry Liney r	Pacific Telephone & Telegraph Co.

1527 45TH ST E

Year	Uses	Source
1951	E 45th Smith Carolina r	Pacific Telephone & Telegraph Co.

1530 45TH ST E

Year	Uses	Source
1951	E 45th Jeffery Ameal r	Pacific Telephone & Telegraph Co.

46TH ST E

1452 46TH ST E

Year	Uses	Source
1951	E 46th Butler Pearl E r	Pacific Telephone & Telegraph Co.

1453 46TH ST E

Year	Uses	Source
1951	E 46th Edwards Annie P r	Pacific Telephone & Telegraph Co.
	E 46th Gipson Luella r	Pacific Telephone & Telegraph Co.

1459 46TH ST E

Year	Uses	Source
1951	E 46th Tarver Arthur r	Pacific Telephone & Telegraph Co.

FINDINGS

1464 46TH ST E

Year	Uses	Source
1951	E 46th Garth Wm r	Pacific Telephone & Telegraph Co.
	Dillard Y C r	Pacific Telephone & Telegraph Co.
	E 46th	Pacific Telephone & Telegraph Co.

1465 46TH ST E

Year	Uses	Source
1951	E 46th Harnage O D r	Pacific Telephone & Telegraph Co.

1471 46TH ST E

Year	Uses	Source
1951	E 46th Manning Carrie r	Pacific Telephone & Telegraph Co.
	E 46th Johnson Robt L r	Pacific Telephone & Telegraph Co.

COMPTON AV R BELL

4421 COMPTON AV R BELL

Year	Uses	Source
1924	BULLOCK Geo elect contr	Los Angeles Directory Co.

COMPTON AVE

4404 COMPTON AVE

Year	Uses	Source
2000	MCKINNEY Reada	Haines & Company
1951	Powell L W r	Pacific Telephone & Telegraph Co.
	Comptn Juanita Apts	Pacific Telephone & Telegraph Co.
1942	Revelation Baptist Church colored Rev F A Jones pastor	Los Angeles Directory Co.
1924	Compton Avenue Hall	Los Angeles Directory Co.

4410 COMPTON AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1976	Evans Upholstery	Pacific Telephone
1962	Crescent City Cabinet Shop	Pacific Telephone
1924	Routledge Robt E cabtmkr	Los Angeles Directory Co.

4412 COMPTON AVE

Year	Uses	Source
1986	COCHRAN S BARBER SHOP	Pacific Bell

FINDINGS

Year	Uses	Source
1981	BATTLE S BARBER SHOP	Pacific Telephone
1976	Battles Barber Shop	Pacific Telephone
1967	Battles Barber Shop	Pacific Telephone
1962	Battles Barber Shop	Pacific Telephone
	La Cubana Beauty Nook	Pacific Telephone
1958	Battles Barber Shop	Pacific Telephone
1951	Comptn Battles Barber Shop	Pacific Telephone & Telegraph Co.

4416 COMPTON AVE

Year	Uses	Source
2006	VAZOUEZManuel a	Haines Company, Inc
	VASQUEZManuel	Haines Company, Inc
2000	XXXX	Haines & Company
1976	Twentieth Century Auto Repair	Pacific Telephone
1967	Twentieth Century Auto Repair	Pacific Telephone
1962	Twentieth Century Auto Repair	Pacific Telephone
1958	Twentieth Century Auto Repair	Pacific Telephone
1951	Comptn Twentieth Century Auto Repair	Pacific Telephone & Telegraph Co.
1937	Malott Everton F Albertina blksmith	Los Angeles Directory Co.
1933	Malott Everton F Albertina blksmith	Los Angeles Directory Co.
1929	Malott Everton F Albertina blksmth	Los Angeles Directory Co.

4418 COMPTON AVE

Year	Uses	Source
2006	GARCIAMoises	Haines Company, Inc
	HERNANDEZ	Haines Company, Inc
	Frandsca	Haines Company, Inc
2000	JUAREZ Susana	Haines & Company

4420 COMPTON AVE

Year	Uses	Source
2000	SERRANO Jesus	Haines & Company
1967	Scott Jas Jr	Pacific Telephone
1962	Scott Jas Jr	Pacific Telephone
1951	Comptn Amey Curtis E r	Pacific Telephone & Telegraph Co.
1942	BANKS Sol F Virginia porter	Los Angeles Directory Co.
1937	Talamon Vivian maid	Los Angeles Directory Co.
	Talamon Silas Vivien porter	Los Angeles Directory Co.
	KNOX Mary Mrs	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	Malott Everton F blksmth h	Los Angeles Directory Co.

4422 COMPTON AVE

Year	Uses	Source
2000	DELEON Miguel A	Haines & Company
1981	JEFFERSON Y	Pacific Telephone
1976	Jefferson Y	Pacific Telephone
1967	Hall Jo Ann	Pacific Telephone
1942	SMITH Anna B wid Wm	Los Angeles Directory Co.
1933	CHARLESTON Mary sten	Los Angeles Directory Co.
	CHARLESTON John R Nancy lab	Los Angeles Directory Co.
1929	Sells Homer Christena lab h	Los Angeles Directory Co.
1924	Evans John H baker h	Los Angeles Directory Co.

4423 COMPTON AVE

Year	Uses	Source
1924	PATTON Laura A wid L A r	Los Angeles Directory Co.
	PATTON Alfd C dep sheriff L A County h	Los Angeles Directory Co.

4425 COMPTON AVE

Year	Uses	Source
1924	PATTON Clarance A dep sheriff L A County h	Los Angeles Directory Co.

4426 COMPTON AVE

Year	Uses	Source
2006	Mar 0nez	Haines Company, Inc
	MOLINA Manuela	Haines Company, Inc
	ESTRADA Roberto	Haines Company, Inc
	CANDi A Beyde	Haines Company, Inc
2000	RAMIREZ Eduardo	Haines & Company
	MOLINA Manuela Martinez	Haines & Company
	LEON Claudia R	Haines & Company
	ESTRADA Roberto	Haines & Company
1990	ESTRADA ROBERTO	Pacific Bell
1986	SERRANO ELVA	Pacific Bell
1962	Nicholson Hattie M	Pacific Telephone
1958	Nicholson Hattie M	Pacific Telephone
1951	Comptn Nicholson Hattie M r	Pacific Telephone & Telegraph Co.
1942	NICHOLSON Hattie M wid Thos	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	NICHOLSON Hattie M	Los Angeles Directory Co.
1933	NICHOLSON Hattie M Mrs slswn	Los Angeles Directory Co.
1924	NICHOLSON Hattie M Mrs slswmn h	Los Angeles Directory Co.

4428 COMPTON AVE

Year	Uses	Source
2006	ALVAREZRosario	Haines Company, Inc
2000	XXXX	Haines & Company

4432 COMPTON AVE

Year	Uses	Source
2006	LOPEZ Maria	Haines Company, Inc
2000	AVELAR R	Haines & Company
1962	Clay Willie B	Pacific Telephone
	Clay Corena	Pacific Telephone
1951	Comptn Johnson Leroy r	Pacific Telephone & Telegraph Co.
	Comptn Lee Opal	Pacific Telephone & Telegraph Co.
1942	Williams Leroy Antonia hat bocker	Los Angeles Directory Co.
	MOORE Jas Laura J	Los Angeles Directory Co.
	LEE Henry Corinne	Los Angeles Directory Co.
1929	CONRAD Kate E smstrs	Los Angeles Directory Co.
	BROWN Eva wid Waltergro	Los Angeles Directory Co.
1924	DENNIS Arthur A slsmn h	Los Angeles Directory Co.

Compton Ave

4438 Compton Ave

Year	Uses	Source
2014	ACHAS BAKERY	EDR Digital Archive
2010	SARAS BAKERY MINI MARKET	EDR Digital Archive

COMPTON AVE

4438 COMPTON AVE

Year	Uses	Source
2006	LOPEZ Francisco	Haines Company, Inc
2000	SARAIS BAKERY MINI MARKET	Haines & Company
	CALDERON Abel	Haines & Company

FINDINGS

4482 COMPTON AVE

Year	Uses	Source
1933	WATERS Wm M Mamie clo clur	Los Angeles Directory Co.

4500 COMPTON AVE

Year	Uses	Source
2000	SPENCER Eugene	Haines & Company
1981	SPENCER LAURA	Pacific Telephone
1976	Spencer Laura	Pacific Telephone
1967	Spencer Laura	Pacific Telephone
1962	Spencer Laura	Pacific Telephone
1958	Cummings Belle Mrs	Pacific Telephone
1951	Comptn Cummings Belle Mrs r	Pacific Telephone & Telegraph Co.
1942	CUMMINGS Arth jr	Los Angeles Directory Co.
	CUMMINGS Arth Belle porter	Los Angeles Directory Co.
1937	CUMMINGS Arth Bell porter	Los Angeles Directory Co.
1933	WARD John M Minnie collr	Los Angeles Directory Co.
1929	WARD John Minnie collr h	Los Angeles Directory Co.
1924	WARD John M contr h	Los Angeles Directory Co.
	WARD Cora V steno r	Los Angeles Directory Co.
	KEELER Florence M Mrs bkpr C F Adams Co r	Los Angeles Directory Co.

Compton Ave

4501 Compton Ave

Year	Uses	Source
2014	ISRAEL BAPTIST CHURCH	EDR Digital Archive
2010	ISRAEL BAPTIST CHURCH	EDR Digital Archive

COMPTON AVE

4501 COMPTON AVE

Year	Uses	Source
2006	BAPTIST CH	Haines Company, Inc
	MISSIONARY	Haines Company, Inc
	ISRAEL	Haines Company, Inc
2000	ISRAEL MISSNRY CH	Haines & Company
1990	ISRAEL MISSIONARY BAPTIST CHURCH	Pacific Bell
1986	ISRAEL MISSIONARY BAPTIST CHURCH	Pacific Bell

FINDINGS

Year	Uses	Source
1981	ISRAEL MISSIONARY BAPTIST CHURCH	Pacific Telephone
1976	Israel Missionary Baptist Church	Pacific Telephone
1967	Israel Missionary Baptist Church	Pacific Telephone
1962	Israel Missionary Baptist Church	Pacific Telephone
1958	Israel Missionary Baptist Church	Pacific Telephone
1951	Comptn Israel Missionary Baptist Church	Pacific Telephone & Telegraph Co.
1942	Israel Baptist Mission colored Rev Howard Higdon pastor	Los Angeles Directory Co.
1933	Salazar Bros S M and Victor door frame mfrs	Los Angeles Directory Co.
1929	Loos Arno wood turner	Los Angeles Directory Co.
1924	Buss Fred W confy	Los Angeles Directory Co.

4504 COMPTON AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1990	HUNT JOHN	Pacific Bell
1986	HUNT JOHN	Pacific Bell
1981	HUNT JOHN	Pacific Telephone
1976	Hunt John	Pacific Telephone
1962	Miles Melinda Mrs	Pacific Telephone
1958	Miles Melinda Mrs	Pacific Telephone
1951	Comptn Av Clark Stella	Pacific Telephone & Telegraph Co.
1942	BROWN Edw Lulu chauf	Los Angeles Directory Co.

4506 COMPTON AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1958	Steadman Jurdie Mrs	Pacific Telephone
1951	Comptn Steadman Will S r	Pacific Telephone & Telegraph Co.
1942	Stanley Doris Mrs	Los Angeles Directory Co.
	Stubbs Ineata Mrs	Los Angeles Directory Co.

4507 COMPTON AVE

Year	Uses	Source
2006	PINEDA Mado G	Haines Company, Inc
	AVELAR Santas	Haines Company, Inc
2000	a 1/2 PINEDA Maria G	Haines & Company
1986	POLANCO ALEJANDRO	Pacific Bell
1981	HOUSE ANN	Pacific Telephone

FINDINGS

Year	Uses	Source
1976	Brown Helen F	Pacific Telephone
	House Ann	Pacific Telephone
1967	House Ann	Pacific Telephone
1962	House Ann	Pacific Telephone
1951	S Comptn Hunter Azell r	Pacific Telephone & Telegraph Co.
1942	Higdon Howard jr Julia	Los Angeles Directory Co.
	Johnson Agnes	Los Angeles Directory Co.
	WATSON Hayes lab	Los Angeles Directory Co.
1937	HAWK Black Dora herbs	Los Angeles Directory Co.
1933	BLACK Hawk Chief herbs	Los Angeles Directory Co.
1929	Blackhawk Chief Fawn curios	Los Angeles Directory Co.

4508 COMPTON AVE

Year	Uses	Source
1924	WRIGHT Leo J plumbing contr	Los Angeles Directory Co.

4509 COMPTON AVE

Year	Uses	Source
2006	o PINEDAALu Is	Haines Company, Inc
2000	PINEDA Luis A	Haines & Company
1967	Gray Genniev	Pacific Telephone
1929	Meza Victoria Mrs	Los Angeles Directory Co.
	Meca Givno Victoria lab	Los Angeles Directory Co.
1924	Montoya Frances wid Jos h	Los Angeles Directory Co.

4510 COMPTON AVE

Year	Uses	Source
1958	Coleman Lucille	Pacific Telephone
1951	Comptn Av Livingston R r	Pacific Telephone & Telegraph Co.

4511 COMPTON AVE

Year	Uses	Source
2000	METOYER Jo	Haines & Company
1986	COBBS ALONZO	Pacific Bell
1976	Metoyer Raymond	Pacific Telephone
1967	Pugh Mary	Pacific Telephone
1958	Day Frank P Mrs	Pacific Telephone
1942	DAY Irene Mrs	Los Angeles Directory Co.
1937	BREWER Rufus L Climmie jan	Los Angeles Directory Co.
	BREWER David lab	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	BREWER Mahala cook	Los Angeles Directory Co.
1933	BELL Christina Mrs	Los Angeles Directory Co.
1929	RICHARDSON Saml R Louann lab h	Los Angeles Directory Co.
1924	Tuttle Fredk pdlr r	Los Angeles Directory Co.
	Stout Bert lmbr wkr r	Los Angeles Directory Co.
	REESE Frances wid D F h	Los Angeles Directory Co.
	Hughey Julia bkpr Original Custom Tailoring Co r	Los Angeles Directory Co.

4513 COMPTON AVE

Year	Uses	Source
2000	WOODS Gladys	Haines & Company
1990	WOODS GLADYS	Pacific Bell
1986	WOODS GLADYS	Pacific Bell
1976	Johnson Walter A	Pacific Telephone
1967	Patterson Jessie	Pacific Telephone
1958	Mays Elizabeth	Pacific Telephone

Compton Ave

4515 Compton Ave

Year	Uses	Source
2014	ISRAEL MISSION BAPTIST CHURCH	EDR Digital Archive
2010	ISRAEL MISSION BAPTIST CHURCH	EDR Digital Archive

COMPTON AVE

4515 COMPTON AVE

Year	Uses	Source
2006	BAPTIST CH	Haines Company, Inc
	MISSIONARY	Haines Company, Inc
	ISRAEL	Haines Company, Inc
2000	XXXX	Haines & Company
1981	DU PREE ABRAHAM JR	Pacific Telephone
1976	White Stone Baptist Church	Pacific Telephone
	Calloway Maurice	Pacific Telephone
1962	Metoyer Smith	Pacific Telephone
1958	Metoyer Smith	Pacific Telephone
1933	Hanks Fred Anna lab	Los Angeles Directory Co.
1929	Montoya John J lab	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	Caldern Anthony H Ellen plstr	Los Angeles Directory Co.
1924	Tidwell Walter M auto opr h	Los Angeles Directory Co.

4516 COMPTON AVE

Year	Uses	Source
1924	Moran Frank H billiards	Los Angeles Directory Co.

4517 COMPTON AVE

Year	Uses	Source
2006	OCHOACarmen	Haines Company, Inc
1929	Wefel Edw J Addie clo clnr	Los Angeles Directory Co.
1924	Robinett Orvie clo clnr	Los Angeles Directory Co.

4519 COMPTON AVE

Year	Uses	Source
1967	McMillen Albert	Pacific Telephone
1962	Mc Millen Albert	Pacific Telephone
1958	Mc Millen Albert	Pacific Telephone
1951	Comptn Alexander Helen L r	Pacific Telephone & Telegraph Co.

4521 COMPTON AVE

Year	Uses	Source
1942	Live Oak Baptist Church	Los Angeles Directory Co.
1937	Higdon Howard jr lab	Los Angeles Directory Co.
	Israel Missionary Baptist Church Rev Howard Higdon pastor	Los Angeles Directory Co.
	Higdon Howard Rev Beulah pastor Israel Missionary Baptist Ch	Los Angeles Directory Co.
1933	Orchard Tillie Mrs	Los Angeles Directory Co.
1929	LOPEZ Pete lab	Los Angeles Directory Co.
1924	PHELPS & Lefever L A Phelps Mrs L A Lefever phonograph reprs	Los Angeles Directory Co.
	PHELPS Leslie A Phelps & Lefever r	Los Angeles Directory Co.
	Lefever Lola A Mrs Phelps & Lefever r	Los Angeles Directory Co.
	Lafever John M painter r	Los Angeles Directory Co.

4522 COMPTON AVE

Year	Uses	Source
2006	LOPEZ Herbert 323 233 9326e	Haines Company, Inc
	Ye VASQUEZ Ricardo	Haines Company, Inc
2000	LAWS Herman	Haines & Company

FINDINGS

Year	Uses	Source
1990	MALONE SADIE ROOMNG HSE	Pacific Bell
1986	MALONE SADIE ROOMNG HSE	Pacific Bell
1981	DAVIS DOUGLAS	Pacific Telephone
	MALONE SADIE ROOMING HSE	Pacific Telephone
1976	King Robt	Pacific Telephone
	Malone Sadie	Pacific Telephone
	Malone Sadie roomng hse	Pacific Telephone
1967	Jackson Celvin	Pacific Telephone
	Malone Sadie roomng hse	Pacific Telephone
1962	Malone Sadie roomng hse	Pacific Telephone
1958	Malone Sadie roomng hse	Pacific Telephone
1951	Comptn Av Anderson Alex r	Pacific Telephone & Telegraph Co.
	Comptn Malone Sadie roomng hse	Pacific Telephone & Telegraph Co.
1942	Amey Rebecca Mrs	Los Angeles Directory Co.
	Humdy Estelle Mrs	Los Angeles Directory Co.
	JOHNSON Pearl Mrs	Los Angeles Directory Co.
1937	BROWN Wilson asst sec YMCA	Los Angeles Directory Co.
	Hammond Annie	Los Angeles Directory Co.
	WILLIS Mary	Los Angeles Directory Co.
1933	BORDEN Michl J Rose clk	Los Angeles Directory Co.
	Fromberg John H shoe repr	Los Angeles Directory Co.
1929	Frommberz John H Amelia shoe repr	Los Angeles Directory Co.
	JACOBSON P O fndywkr	Los Angeles Directory Co.
	Ozement Bert Indywkr	Los Angeles Directory Co.
	REESE Frances wid D L h	Los Angeles Directory Co.
	SMITH Harry W ironwkr r	Los Angeles Directory Co.
	Southwick Ernest B ironwkr r	Los Angeles Directory Co.
	WHITNEY Perry firemn r	Los Angeles Directory Co.
1924	Frommherz John H shoe repr	Los Angeles Directory Co.
	LITTLE Jas clk r	Los Angeles Directory Co.
	REED Ada C boarding house	Los Angeles Directory Co.
	REED Chas E h	Los Angeles Directory Co.

4523 COMPTON AVE

Year	Uses	Source
2000	METOYER Jo	Haines & Company
1976	Roberts Dennis	Pacific Telephone
1933	Compton Malt & Supplies Joe and Fred Covina	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1929	HOWARD Benj C barber	Los Angeles Directory Co.
1924	Mulhern Wm C barber	Los Angeles Directory Co.

4524 COMPTON AVE

Year	Uses	Source
1962	MILLER & MILLER TRANSFER & STORAGE	Pacific Telephone
1942	Dones Sidney P real est	Los Angeles Directory Co.
1937	Friendship Baptist Church colored Rev B J Helm pastor	Los Angeles Directory Co.
	Collins Alex Decia music tchr	Los Angeles Directory Co.
1924	Crafton Clarence C cash register repr	Los Angeles Directory Co.

4525 COMPTON AVE

Year	Uses	Source
2000	XXXX	Haines & Company
1986	GREATER LOVE CHURCH OF GOD & CHRIST	Pacific Bell
1976	Cluke A E Mrs	Pacific Telephone
1967	TEEN POSTS	Pacific Telephone
	Memorial	Pacific Telephone
1951	Comptn Shepperd Sallie r	Pacific Telephone & Telegraph Co.
1933	BARRETT Audry Jewel billiards	Los Angeles Directory Co.
1929	MORAN Frank H Anna billiards	Los Angeles Directory Co.

Compton Ave

4527 Compton Ave

Year	Uses	Source
2014	PAULINES LITTLE HOUSE	EDR Digital Archive
2010	PAULINES LITTLE HOUSE	EDR Digital Archive
	FAME STUDIO SALON & SUPPLIES	EDR Digital Archive

COMPTON AVE

4527 COMPTON AVE

Year	Uses	Source
2006	HOUSE	Haines Company, Inc
	PAULINES LITTLE	Haines Company, Inc
2000	XXXX	Haines & Company
1981	OHEILEL BAPTIST CHURCH	Pacific Telephone

FINDINGS

Year	Uses	Source
1958	Johnson Booker T	Pacific Telephone
1951	S Comptn Johnsons Clnrs	Pacific Telephone & Telegraph Co.
1942	Wefel Addie wid E J clo clnr	Los Angeles Directory Co.
1937	WELLS Grace Mrs clo clnr	Los Angeles Directory Co.
1929	Godbout Raul E Gilburte drugs	Los Angeles Directory Co.
1924	GILLIAM Harold F drugs	Los Angeles Directory Co.

4601 COMPTON AVE

Year	Uses	Source
2006	e LEON El Isaso	Haines Company, Inc

4422 1/2 COMPTON AVE

Year	Uses	Source
1990	OJEDA ANDRES I	Pacific Bell

4513 1/2 COMPTON AVE

Year	Uses	Source
1986	JOHNSON A	Pacific Bell
	JOHNSON A	Pacific Bell
1981	JOHNSON A	Pacific Telephone

E 45TH

1511 E 45TH

Year	Uses	Source
1986	RODRIGUEZ MIRIAM	Pacific Bell

1515 E 45TH

Year	Uses	Source
1981	ANDERSON VERNON	Pacific Telephone
1971	Sanders Mattie M	Pacific Telephone
1962	Perry M T	Pacific Telephone

1521 E 45TH

Year	Uses	Source
1990	RODRIGUEZ MIRIAM	Pacific Bell
1986	CALDERON FRANCISCO	Pacific Bell
1981	BRASHER LUCILLE	Pacific Telephone
	STACKER MAMIE	Pacific Telephone
	WHITTAKER TAYLOR W	Pacific Telephone
1971	Hogue Daniel	Pacific Telephone

Year	Uses	Source
1962	Coleman Aliner	Pacific Telephone
	Smith Chester J	Pacific Telephone
1942	ANDERSON Aaron Rebecca	Los Angeles Directory Co.
	ANDERSON Lona B	Los Angeles Directory Co.
	Boutte Birdie Mra	Los Angeles Directory Co.
	Kendrick Bessie wid Jesse	Los Angeles Directory Co.
	KENDRICK Hardrick V Cecelia G meatctr	Los Angeles Directory Co.
	KENDRICK Wyman	Los Angeles Directory Co.

1511 1/2 E 45TH

Year	Uses	Source
1986	CASTENEDA DORA	Pacific Bell

1515 1/2 E 45TH

Year	Uses	Source
1986	SANDERS MATTIE M E	Pacific Bell
1981	SANDERS MATTIE M	Pacific Telephone

1521 1/2 E 45TH

Year	Uses	Source
1981	HAGANS NORFLEET	Pacific Telephone

E 45TH ST

1400 E 45TH ST

Year	Uses	Source
1967	Green Clarence	Pacific Telephone
1958	Green Clarence	Pacific Telephone

1402 E 45TH ST

Year	Uses	Source
1958	Stribling Ozell	Pacific Telephone

1410 E 45TH ST

Year	Uses	Source
1967	Hall Olivia	Pacific Telephone
1958	Harris Richard	Pacific Telephone

1416 E 45TH ST

Year	Uses	Source
1958	Oliphant Carrie	Pacific Telephone

FINDINGS

1418 E 45TH ST

Year	Uses	Source
1958	Hill Frances L	Pacific Telephone

1428 E 45TH ST

Year	Uses	Source
1967	Robinson Leonard T	Pacific Telephone
	Robinson Gwendolyn	Pacific Telephone
1958	Roberts Arnold G	Pacific Telephone

1434 E 45TH ST

Year	Uses	Source
1967	Jones Curtis Jr	Pacific Telephone
	Pettie Abe	Pacific Telephone
	Pettie Lola B	Pacific Telephone
1958	Chapman Mary	Pacific Telephone

1444 E 45TH ST

Year	Uses	Source
1967	Sanders Mamie	Pacific Telephone
1958	Sanders Mamie	Pacific Telephone

1452 E 45TH ST

Year	Uses	Source
1958	Rainey Odessa Mrs	Pacific Telephone
	Rainey Sara	Pacific Telephone

1456 E 45TH ST

Year	Uses	Source
1967	Blue Malinda	Pacific Telephone

1458 E 45TH ST

Year	Uses	Source
1967	Edwards Vallie L	Pacific Telephone
1958	Turner Irene	Pacific Telephone

1464 E 45TH ST

Year	Uses	Source
1967	Mitchell Michael L	Pacific Telephone

FINDINGS

1511 E 45TH ST

Year	Uses	Source
2006	V LEORNORMaria	Haines Company, Inc
1967	Thomas Mary	Pacific Telephone

1515 E 45TH ST

Year	Uses	Source
1967	Sanders Mattlie M	Pacific Telephone
1958	Perry M T	Pacific Telephone

1521 E 45TH ST

Year	Uses	Source
2006	LOPEZClaud Ia	Haines Company, Inc
1967	Anderson John	Pacific Telephone
1958	Lewis John W	Pacific Telephone
	Spencer Laura	Pacific Telephone

1523 E 45TH ST

Year	Uses	Source
2006	a GONZALEZ Bertha	Haines Company, Inc
1967	Terry Liney	Pacific Telephone
1958	Terry Liney	Pacific Telephone

1527 E 45TH ST

Year	Uses	Source
2006	a IKEGBUJude E	Haines Company, Inc
1967	Henry Kelly	Pacific Telephone
	Henry Washington	Pacific Telephone
1958	Henry Washington	Pacific Telephone
	Henry Kelly	Pacific Telephone

E 46TH

1452 E 46TH

Year	Uses	Source
1981	RICKS SIMON	Pacific Telephone
1971	Ricks Simon	Pacific Telephone
1962	Ricks Simon	Pacific Telephone
1942	Lemons Annie Mrs	Los Angeles Directory Co.
	BUTLER Esther P Mrs	Los Angeles Directory Co.
1937	WEST Amanda wid Wm	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	BUTLER Pearl wid L C	Los Angeles Directory Co.
1933	WEST Amanda Mrs	Los Angeles Directory Co.
	BUTLER Pearl E Mrs	Los Angeles Directory Co.
1929	BUTLER Pearl E wid L C public sten	Los Angeles Directory Co.
1924	DAVIS Frances G Mrs walter r	Los Angeles Directory Co.
	JOHNSON Mildred H maid r	Los Angeles Directory Co.

1453 E 46TH

Year	Uses	Source
1990	EDWARDS ROBERT	Pacific Bell
1971	Shepard Ruby Lee	Pacific Telephone
1962	Singleton Thos Edw	Pacific Telephone
	Gipson Luella	Pacific Telephone
	Batton Pariee	Pacific Telephone
1942	PENN Altisher Stovall lab	Los Angeles Directory Co.
1937	Valenzuela Raymond Mary	Los Angeles Directory Co.
1933	REID Thos D lab	Los Angeles Directory Co.
	REID Evelyn M Mrs	Los Angeles Directory Co.

1459 E 46TH

Year	Uses	Source
1962	Tarver Arthur	Pacific Telephone
1942	MONROE Chester May	Los Angeles Directory Co.
1937	Knox Alfonso Elsie	Los Angeles Directory Co.
	WILSON Wm Eliz clo clnr	Los Angeles Directory Co.
1933	Trunnell Lee T Rosilie inuk dlr	Los Angeles Directory Co.
	SANDERS Velma maid	Los Angeles Directory Co.
	FRANKLIN Saml pdlr	Los Angeles Directory Co.
1929	SOTO Tony N Josephine cement contr h	Los Angeles Directory Co.
1924	Hamilton W R h	Los Angeles Directory Co.

1464 E 46TH

Year	Uses	Source
1981	JOHN	Pacific Telephone
1962	Wiley Milton	Pacific Telephone
1942	WILLIAMS Geo L Gladys G lab	Los Angeles Directory Co.
1937	JONES Ralph Cynthia lab	Los Angeles Directory Co.
1933	Turner Anderson Maria lab	Los Angeles Directory Co.
	JONES Ralph Cynthia jan	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1933	Broomfield Laura Mrs	Los Angeles Directory Co.
	KATZ Leon Albertine awning mkr	Los Angeles Directory Co.
1929	Bussey John Phione lab	Los Angeles Directory Co.
1924	CUMMINGS Walter F h	Los Angeles Directory Co.

1465 E 46TH

Year	Uses	Source
1990	HARNAGE O D	Pacific Bell
1986	HARNAGE O D	Pacific Bell
1981	HARNAGE O D	Pacific Telephone
1971	Harnage O D	Pacific Telephone
1962	Harnage O D	Pacific Telephone
1942	ROYAL Eloise Mrs	Los Angeles Directory Co.
	WILLIAMS Albt E Eliz	Los Angeles Directory Co.
	WILLIAMS Etta M	Los Angeles Directory Co.
1937	ROYAL Wm L Eloise jan	Los Angeles Directory Co.
	WILLIAMS Albt E Eliz tallymn	Los Angeles Directory Co.
	WILLIAMS Etta M slswn	Los Angeles Directory Co.
1933	HEMPHILL Elliott Grace jan Div Motor Vehicles	Los Angeles Directory Co.
	HEMPHILL Matilda Mrs	Los Angeles Directory Co.
	WILLIAMS Albt E Lizzie clk	Los Angeles Directory Co.
	WILLIAMS Etta M clk	Los Angeles Directory Co.
1929	Estarge Leonard jan	Los Angeles Directory Co.
	WILLIAMS Albt E Eliz millmn h	Los Angeles Directory Co.
	WILLIAMS Etta M dom r	Los Angeles Directory Co.
1924	Verdun Cla ence J brusher r	Los Angeles Directory Co.
	WILLIAMS Etta M slswmn Jacaby Bros Dept Store r	Los Angeles Directory Co.

1471 E 46TH

Year	Uses	Source
1986	METOYER SMITH	Pacific Bell
1981	METOYER SMITH	Pacific Telephone
	METOYER ORELIA	Pacific Telephone
1971	Metoyer Smith	Pacific Telephone
1962	Turner Hattie	Pacific Telephone
	Ballinger Carrie Rev	Pacific Telephone
	Ballard Dora	Pacific Telephone
1942	Mirolla Jos Anna whsmn	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1937	Covina Jos Ethel slsmn	Los Angeles Directory Co.
1933	Covina Jos Ethel Compton Malt & Supplies	Los Angeles Directory Co.
1929	Gallardo Tiburcio lab	Los Angeles Directory Co.
1924	Livelesberger Geo H moldr h	Los Angeles Directory Co.
	GRACE Tinnie C wid J B r	Los Angeles Directory Co.
	Grace Jas B auto opr h	Los Angeles Directory Co.
	Grace Agnes telep opr r	Los Angeles Directory Co.

E 46TH ST

1451 E 46TH ST

Year	Uses	Source
2006	MANZO Veronica	Haines Company, Inc
1967	Singleton Thos Edw	Pacific Telephone
	Batton Parlee	Pacific Telephone

1453 E 46TH ST

Year	Uses	Source
2006	WHITE C	Haines Company, Inc
1958	Gipson Luella	Pacific Telephone

1458 E 46TH ST

Year	Uses	Source
2006	MORALES Silvlo	Haines Company, Inc
	o AGUIRRE Juan	Haines Company, Inc

1459 E 46TH ST

Year	Uses	Source
1958	Tarver Arthur	Pacific Telephone

1465 E 46TH ST

Year	Uses	Source
2006	HARNAGE Tommier	Haines Company, Inc
1967	Davis Hazel	Pacific Telephone
	Harnage O D	Pacific Telephone
1958	Heane Parry Jr	Pacific Telephone
	Harnage O D	Pacific Telephone

FINDINGS

E 46th St

1471 E 46th St

Year	Uses	Source
2010	METOYER JOANN	EDR Digital Archive

E 46TH ST

1471 E 46TH ST

Year	Uses	Source
2006	o ARISTELL Smith	Haines Company, Inc
1958	Lowe Forest	Pacific Telephone
	Ballinger Carrie Rev	Pacific Telephone

E VERNON AV H1469 SAME

1469 E VERNON AV H1469 SAME

Year	Uses	Source
1929	CUTLER Morris Ida radiator repr	Los Angeles Directory Co.

E VERNON AV H1581 SAME

1479 E VERNON AV H1581 SAME

Year	Uses	Source
1929	Gaubech Jess Benita gro	Los Angeles Directory Co.

E VERNON AV R WATTS

1479 E VERNON AV R WATTS

Year	Uses	Source
1937	RAMIREZ Albt P auto repr	Los Angeles Directory Co.

E VERNON AV R1471 SAME

1479 E VERNON AV R1471 SAME

Year	Uses	Source
1929	Sherwood Frank E gas sta	Los Angeles Directory Co.

FINDINGS

E VERNON AVE

1449 E VERNON AVE

Year	Uses	Source
1995	MEAD RR	Pacific Bell

1459 E VERNON AVE

Year	Uses	Source
2006	BAUTISTA Maria	Haines Company, Inc
1971	Jones Robt L	Pacific Telephone
1942	JACKSON Dowell Hilda fctywkr	Los Angeles Directory Co.
	Gilpin Amanda Mrs	Los Angeles Directory Co.
	SMITH Helen Mrs	Los Angeles Directory Co.
1937	FRAZIER Henritta Mrs	Los Angeles Directory Co.
	Rhemm Ferguson Gladys clk	Los Angeles Directory Co.
1933	Vernon John I Harriet chauf	Los Angeles Directory Co.
1929	HOOVER Theresa wid E J cook	Los Angeles Directory Co.
	Johansen Edw Ellen carp	Los Angeles Directory Co.
1924	Dillon Ira P carp h	Los Angeles Directory Co.

1461 E VERNON AVE

Year	Uses	Source
2006	No Current Listing	Haines Company, Inc
1971	Campbell Leon	Pacific Telephone
1942	THOMPSON Wm Martha driver	Los Angeles Directory Co.
	ROBERTS Bert Mary lab	Los Angeles Directory Co.
	MARTIN Geo Eugenie sta atdt	Los Angeles Directory Co.
1937	Luke Cornelius L Leola dental techn	Los Angeles Directory Co.
	JOHNSON Gertrude Mrs smstrs	Los Angeles Directory Co.
	HOWELL Wilbur D	Los Angeles Directory Co.
1933	JOHNSON Norman Vera pntr	Los Angeles Directory Co.
1924	JOHNSON Jack h	Los Angeles Directory Co.

1465 E VERNON AVE

Year	Uses	Source
2006	DIAZ Camos Daniel	Haines Company, Inc
1971	Snyder Frank	Pacific Telephone
1942	MILLER Roy Mabel lab	Los Angeles Directory Co.
	MILLER Ross Mrs	Los Angeles Directory Co.
	Peacock June beauty opr	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1942	MILLER Firmin driver	Los Angeles Directory Co.
	MILLER Cath	Los Angeles Directory Co.
	JONES Arth sta atdt	Los Angeles Directory Co.
	FISHER Jack R barber	Los Angeles Directory Co.
1937	Quick Todd R	Los Angeles Directory Co.
	Hunt Sheldon P	Los Angeles Directory Co.
	FISHER J Roland Pearl barber W R Quick	Los Angeles Directory Co.
1933	Delgado Ramon checker Ducammun Corp	Los Angeles Directory Co.
1929	Quick Kathleen clk r	Los Angeles Directory Co.
	Magot Ernest jan	Los Angeles Directory Co.
	FISHER Jack Pearl barber	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.
	Quick Todd R h	Los Angeles Directory Co.
	Hanley Patk lab r	Los Angeles Directory Co.
	BEAMAN Wm M sawyer r	Los Angeles Directory Co.

1466 E VERNON AVE

Year	Uses	Source
1924	Thorrell Harold elect eng r	Los Angeles Directory Co.

1467 E VERNON AVE

Year	Uses	Source
2006	KOSONOY Carmen	Haines Company, Inc
1990	MCFADDEN PERCY	Pacific Bell
1986	MCFADDEN PERCY	Pacific Bell
1981	MCFADDEN PERCY	Pacific Telephone
1971	Mc Fadden Percy	Pacific Telephone
1942	Simmons Ernest mech	Los Angeles Directory Co.
	ROBERTS Mattie Mrs	Los Angeles Directory Co.
	EDWARDS Hattie Mrs	Los Angeles Directory Co.
1937	Garcia Trini Mrs	Los Angeles Directory Co.
1933	Cutler Abr slsmn	Los Angeles Directory Co.

1469 E VERNON AVE

Year	Uses	Source
1937	Galloway Lawrence L shoe repr	Los Angeles Directory Co.
1929	CUTLER Jacob lab	Los Angeles Directory Co.
1924	CUTLER Morris shtmtlwkr h	Los Angeles Directory Co.

FINDINGS

1471 E VERNON AVE

Year	Uses	Source
2006	LA CARRETA	Haines Company, Inc
1990	C & H AUTO ELECTRICAL MECHANIC	Pacific Bell
1937	Boudoir Chair & Mfg Co Harry Friedman Miguel Garcia furn mfrs	Los Angeles Directory Co.
1929	SHERWOOD Margt C wid Edw h	Los Angeles Directory Co.
1924	h	Los Angeles Directory Co.

1479 E VERNON AVE

Year	Uses	Source
1942	Engelbracht Chas J Della gas sta	Los Angeles Directory Co.
1933	Engelbracht & Grauer C J Englebracht H W Grauer gas sta	Los Angeles Directory Co.
1924	CURTIS Chester A gro	Los Angeles Directory Co.
	CARTER Wm A auto serv sta	Los Angeles Directory Co.

1500 E VERNON AVE

Year	Uses	Source
1942	BARNES Chas C Elfie G feed	Los Angeles Directory Co.
1937	Barnes Chas C Effie G feed	Los Angeles Directory Co.
1933	Newhall Issac B Grace feed dir	Los Angeles Directory Co.
1929	Newhall Isaac B poultry supp	Los Angeles Directory Co.
1924	Newhall Isaac B feed	Los Angeles Directory Co.

1501 E VERNON AVE

Year	Uses	Source
1942	PAYNE Solly Estelle gas sta	Los Angeles Directory Co.
1937	PAYNE Solly Estelle gas sta	Los Angeles Directory Co.
1933	Holton Malcolm M Martha auto repr	Los Angeles Directory Co.
	PAYNE Solly Estelle gas sta	Los Angeles Directory Co.
1929	Freds Service Station Fredk Phleger J L Elliott	Los Angeles Directory Co.

1504 E VERNON AVE

Year	Uses	Source
1942	YOUNG	Los Angeles Directory Co.
1933	Harr John R Hildur C clo clnr	Los Angeles Directory Co.
1929	GRAY Frank barber	Los Angeles Directory Co.
1924	Hogarth John barber	Los Angeles Directory Co.

FINDINGS

1459 1/4 E VERNON AVE

Year	Uses	Source
1981	JOHNSON PETE	Pacific Telephone

VERNON AVE

1459 VERNON AVE

Year	Uses	Source
2000	a 1/2 OSUNA Jesus V	Haines & Company
	RODRIGUEZ Manuel	Haines & Company
	MONTALVAN Moreno Ramiro	Haines & Company

1465 VERNON AVE

Year	Uses	Source
2000	PATINO Sergio	Haines & Company

1467 VERNON AVE

Year	Uses	Source
2000	DIAZ Enrique	Haines & Company

1471 VERNON AVE

Year	Uses	Source
2000	DIAZ J	Haines & Company
	LA CARRETA	Haines & Company

1479 VERNON AVE

Year	Uses	Source
2000	XXXX	Haines & Company

1500 VERNON AVE

Year	Uses	Source
2000	PAULINES LITLE HOUSE	Haines & Company

1501 VERNON AVE

Year	Uses	Source
2000	OTHMAN Amal	Haines & Company

FINDINGS

VERNON AVE E

1500 VERNON AVE E

Year	*Uses*	*Source*
1951	E Vernon Examiner L A Circulation Distribution Offices	Pacific Telephone & Telegraph Co.

FINDINGS

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
1447 E 45th Street	2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1966, 1965, 1964, 1963, 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, 1923, 1921, 1920

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
1400 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1400 E 45TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1402 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1402 E 45TH ST	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, 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
1410 E 45TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1416 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1416 E 45TH ST	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, 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
1418 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1418 E 45TH ST	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, 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
1424 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1428 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1428 E 45TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1434 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1434 E 45TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1440 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1444 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1444 E 45TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1449 E VERNON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 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
1451 E 46TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 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
1452 46TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1452 E 45TH ST	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, 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
1452 E 46TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1453 46TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1453 E 46TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1453 E 46TH ST	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, 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
1456 E 45TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 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
1458 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1458 E 45TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1458 E 46TH ST	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

FINDINGS

Address Researched	Address Not Identified in Research Source
1459 1/4 E VERNON 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
1459 46TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1459 E 46TH	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, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1459 E 46TH ST	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, 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
1459 E VERNON AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 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, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1459 VERNON 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, 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
1461 E VERNON AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 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, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1464 46TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1464 E 45TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 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
1464 E 46TH	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, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1465 46TH ST E	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, 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
1465 E 46TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1465 E 46TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1465 E VERNON AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 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, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1465 VERNON 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, 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
1466 E VERNON 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
1467 E VERNON AVE	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 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, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1467 VERNON 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, 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
1469 E VERNON AV H1469 SAME	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, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1469 E VERNON 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, 1923, 1921, 1920
1471 46TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1471 E 46TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
1471 E 46TH ST	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, 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
1471 E 46th St	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
1471 E VERNON AVE	2014, 2010, 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, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1471 VERNON 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, 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
1479 E VERNON AV H1581 SAME	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, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1479 E VERNON AV R WATTS	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
1479 E VERNON AV R1471 SAME	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, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1479 E VERNON 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, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1479 VERNON 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, 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
1500 E VERNON 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, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1500 VERNON 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, 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
1500 VERNON AVE E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1501 E VERNON 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, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1501 VERNON 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, 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
1504 E VERNON 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, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
1511 1/2 E 45TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 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
1511 E 45TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 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
1511 E 45TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 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
1515 1/2 E 45TH	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
1515 E 45TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 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
1515 E 45TH ST	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1521 1/2 E 45TH	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

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1521 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1521 E 45TH	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1976, 1975, 1972, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 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
1521 E 45TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1523 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1523 E 45TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1527 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1527 E 45TH ST	2014, 2010, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1530 45TH ST E	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, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
4404 COMPTON 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, 1923, 1921, 1920
4410 COMPTON 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, 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
4412 COMPTON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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4416 COMPTON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
4418 COMPTON 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, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
4420 COMPTON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 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, 1923, 1921, 1920
4421 COMPTON AV R BELL	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
4422 1/2 COMPTON 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
4422 COMPTON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 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, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
4423 COMPTON 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
4425 COMPTON 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
4426 COMPTON 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, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
4428 COMPTON 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, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
4432 COMPTON 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, 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

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Address Researched	Address Not Identified in Research Source
4438 COMPTON 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, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
4438 Compton Ave	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
4482 COMPTON 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, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
4500 COMPTON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 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
4501 COMPTON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
4501 Compton Ave	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
4504 COMPTON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 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
4506 COMPTON 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, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
4507 COMPTON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 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, 1924, 1923, 1921, 1920
4508 COMPTON 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
4509 COMPTON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 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, 1928, 1927, 1926, 1925, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
4510 COMPTON 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, 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
4511 COMPTON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1940, 1939, 1938, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
4513 1/2 COMPTON AVE	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
4513 COMPTON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
4515 COMPTON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
4515 Compton Ave	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
4516 COMPTON 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
4517 COMPTON 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, 1928, 1927, 1926, 1925, 1923, 1921, 1920
4519 COMPTON AVE	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
4521 COMPTON 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, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
4522 COMPTON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1985, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1961, 1960, 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

FINDINGS

Address Researched	Address Not Identified in Research Source
4523 COMPTON 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, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
4524 COMPTON 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, 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, 1923, 1921, 1920
4525 COMPTON AVE	2014, 2010, 2006, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1985, 1981, 1980, 1975, 1972, 1971, 1970, 1969, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
4527 COMPTON AVE	2014, 2010, 2004, 2003, 2001, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 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
4527 Compton Ave	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
4601 COMPTON 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

Search Online Building Records

Result of Document Search by Address

Address: 1447 E 45TH ST

1. To print a summary overview, check mark the column for the desired record, then click here for printer friendly format.
2. To obtain the summary of the document, click on any of the result records below, (i.e. Document Type, ... Doc number).
3. To view the digital document, click on the digital icon ( )
   If image is not available, please come visit us at our Records Counter Office.

Sort By	Doc Type	Ascending
Then By	Sub Type	Ascending
Then By	Doc Date	Ascending
Then By	Doc Number	Ascending

Sor

All	Document Type	Sub Type	Doc Date	User Doc Number	Digital Image
	BUILDING PERMIT	4	7/23/1914	1914LA15145	
	BUILDING PERMIT	BLDG-ADDITION	7/26/1910	1910LA06049	
	BUILDING PERMIT	BLDG-ALTER/REPAIR		1943 08118	
	BUILDING PERMIT	BLDG-ALTER/REPAIR	10/23/1907	1907LA06491	
	BUILDING PERMIT	BLDG-ALTER/REPAIR	9/17/1908	1908LA05180	
	BUILDING PERMIT	BLDG-ALTER/REPAIR	7/26/1910	1910LA06049	
	BUILDING PERMIT	BLDG-ALTER/REPAIR	9/16/1943	1943LA08118	
	BUILDING PERMIT	BLDG-NEW		1948 28989	
	BUILDING PERMIT	BLDG-NEW		1958	
	BUILDING PERMIT	BLDG-NEW	11/10/1948	1948LA28989	
	BUILDING PERMIT	BLDG-NEW	1/10/1959	1959LA	
	BUILDING PERMIT	BLDG-NEW	10/24/1960	1960	

Browser Compatibility.
IE 10 and above.

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All applications must be filled out by applicant.

WARD 6

Applicant must indicate the Building Line or Lines clearly and distinctly on the drawings.

BOARD OF PUBLIC WORKS

DEPARTMENT OF BUILDINGS

Application to Alter, Repair or Demolish

Application is hereby made to the Chief Inspector of Buildings of the City of Los Angeles, for the approval of the detailed statement of the specifications herewith submitted for the alteration, repair or demolition of the building herein described. All provisions of the Building Ordinances shall be complied with in the alteration, repair or demolition of said building, whether specified or not.

(Sign here) P. J. Leaver & Co.

Los Angeles, Cal., 7/26/10, 190

JUL 26 1910

CITY ASSESSOR: Please Verify

TAKE TO ROOM NO 6 FIRST FLOOR

REMOVED FROM	~~REMOVED TO~~
Lot 5, Block P.	Lot, Block
Tract Grider & Hamilton's Vernon Park Tract.	Tract
Book 1411 Page 10 F. B. Page 27	Book Page F. B. Page

CITY ENGINEER: Please Verify Street Number

TAKE TO ROOM NO. 34 THIRD FLOOR

From No. 1447 E 45th st on House To No.

1. Owner's name Mrs E. P. McAuley or D.
2. Owner's address 1447 E 45th st.
3. Architect's name —
4. Builder's name P. J. Leaver & Co
5. Builder's address 219 San Fernando Bldg.
6. Entire cost of the Proposed Improvements, $ 200.00
7. Purpose of building Dwelling.
8. Class of building D No. of rooms at present 4
9. No. of stories in height one Size of building 24 x 30
10. Size of addition 12 x 24 and 10 x 12.
11. Material of foundation Mudsills Size Footing — Size of wall —
12. Size of exterior studs 1 x 12 board Interior studs — X
13. Size of mud sills 2 X 6 Bearing studs — X
14. Size of first floor joist 2 X 6 Second floor joist — X
15. State on following lines just what you want to do:

add 3 rooms as per above.

Permit No. 6049

JUL 26 1910

(4)

RECEIVED

Form 3

USE INK OR INDELIBLE PENCIL

CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY
BUILDING DIVISION

Application to Alter, Repair, Move or Demolish

To the Board of Building and Safety Commissioners of the City of Los Angeles:

Application is hereby made to the Board of Building and Safety Commissioners of the City of Los Angeles, through the office of the Superintendent of Building, for a building permit in accordance with the description and for the purpose hereinafter set forth. This application is made subject to the following conditions, which are hereby agreed to by the undersigned applicant and which shall be deemed conditions entering into the exercise of the permit:

First: That the permit does not grant any right or privilege to erect any building or other structure therein described, or any portion thereof, upon any street, alley or other public place or portion thereof.

Second: That the permit does not grant any right or privilege to use any building or other structure therein described, or any portion thereof, for any purpose that is, or may hereafter be prohibited by ordinance of the City of Los Angeles.

Third: That the granting of the permit does not affect or prejudice any claim of title to, or right of possession in, the property described in such permit.

REMOVED FROM	REMOVED TO
Lot	Lot
Tract	Tract

Present location of building: [illegible] (House Number and Street)

New location of building: (House Number and Street)

Between what cross streets:

Approved by City Engineer

Deputy

1. Purpose of PRESENT building [illegible] (State Residence, Apartment House, Hotel, or any other purpose) Families Rooms
2. Use of building AFTER alteration or moving [illegible] Families Rooms
3. Owner (First Name) [illegible] Phone [illegible]
4. Owner's Address [illegible]
5. Certificated Architect State License No. Phone
6. Licensed Engineer State License No. Phone
7. Contractor [illegible] State License No. [illegible] Phone [illegible]
8. Contractor's Address [illegible]
9. VALUATION OF PROPOSED WORK (Including all labor and material and all permanent fixtures, building and the plumbing, gas, steam, heating, electrical work, elevators, mechanical devices or devices) $ [illegible]
10. State how many buildings NOW on lot and give use of each. (Residence, Hotel, Apartment House, or any other purpose)
11. Size of existing building [illegible] x [illegible] Number of stories high [illegible] Height to highest point [illegible]
12. Class of building [illegible] Material of existing walls [illegible] Exterior framework [illegible] (Wood or Steel)

Describe briefly and fully all proposed construction and work: [illegible]

Fill in Application on other Side and Sign Statement (OVER)

FOR DEPARTMENT USE ONLY				
PERMIT NO. 8118	Plans and Specifications checked [illegible]	Zone [illegible]	Fire District No. [illegible]	Fee [illegible] Stamp here when Permit is issued
	Corrections verified [illegible]	Bldg. Line [illegible] Ft.	Street Widening [illegible] Ft.	
	Plans, Specifications and Applications rechecked and approved [illegible]	Application checked and approved [illegible] Clerk		
PLANS AUG 27 [illegible] Rec'd	For Plans See	Filed with	SPRINKLER Required Specified Valuation Included Yes—No	Inspector [illegible]

PLANS, SPECIFICATIONS, and other data must be filed if required.

NEW CONSTRUCTION

Size of Addition ..... x ..... Size of Lot ..... x ..... Number of Stories when complete .....

Material of Foundation ..... Width of Footing ..... Depth of footing below ground .....

Width Foundation Wall ..... Size of Redwood Sill ..... x ..... Material Exterior Walls .....

Size of Exterior Studs ..... x ..... Size of Interior Bearing Studs ..... x .....

Joists: First Floor ..... x ..... Second Floor ..... x ..... Rafters ..... x ..... Roofing Material .....

I have carefully examined and read both sides of this completed Application and know the same is true and correct and hereby certify and agree, if a Permit is issued, that all the provisions of the Building Ordinances and State Laws will be complied with whether herein specified or not, also certify that plans and specifications, if required to be filed, will conform to all of the provisions of the Building Ordinances and State laws.

Sign Here .....
(Owner or Authorized Agent)

By .....

FOR DEPARTMENT USE ONLY

Application	Fire District	Bldg. Line	Termite Inspection .....
Construction	Zoning	Street Widening	Forced Draft Vent'l .....

(1)
REINFORCED CONCRETE

Barrels of Cement .....

Tons of Reinforcing Steel .....

(2)
The building (and, or, addition) referred to in this Application is, or will be when moved, more than 100 feet from

..... Street

Sign Here .....
(Owner or Authorized Agent)

(3)
No required windows will be obstructed.

Sign Here .....
(Owner or Authorized Agent)

(4)
There will be an unobstructed passageway at least ten (10) feet wide, extending from any dwelling on lot to a Public Street or Public Alley at least 10 feet in width.

Sign Here .....
(Owner or Authorized Agent)

REMARKS:

PLAN CHECKING

RECEIPT NO. 2038

VALUATION $ .....

FEE PAID $ .....

WORKMEN'S COMPENSATION INSURANCE

Date .....

I hereby certify that I am the applicant for this permit, and that in doing the work authorized thereby, I will not employ any person in violation of the Labor Code of the State of California relating to Workmen's Compensation Insurance.

Signature of Applicant

1

ERECT A NEW BUILDING
AND FOR A CERTIFICATE OF OCCUPANCY

DEPARTMENT OF BUILDING AND SAFETY

BUILDING DIVISION

Lot No. 4 & 3

(Art A. Glad)

Tract 7487

Location of Building 1417 E. 45th St. (Place Number and Street)

Between what cross streets Crofton & Avalon

Approved by City Engineer

Deputy

USE INK OR INDELIBLE PENCIL

1. Purpose of building Elm. School Emergency Classrooms (Use for what purpose) Families — Rooms 2
2. Owner Los Angeles City School District Phone Pr. 1121 Sta. 306
3. Owner's address 1125 South San Pedro Los Angeles 14
4. Certificated Architect I. H. Albecker, Jr. P.O. State License No. B-976 Phone Pr. 1121 Sta. 306
5. Licensed Engineer — State License No. — Phone
6. Contractor Plan State License No. Phone
7. Contractor's address
8. VALUATION OF PROPOSED WORK (Including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electrical wiring and elevator equipment thereto or thereon.) $ $10,000.00
9. State how many buildings NOW on lot and give use of each. 4-Tabel Shelters (Store, Dwelling, Apartment House, Hotel or other purpose) Average
10. Size of new building 24' x 76' No. Stories 1 Height to highest point 16' Size lot x
11. Material Exterior Walls Wood or Metal Stucco Type of Roofing Compo. or Metal
12. For Accessory Buildings and similar structures (a) Footing: Width Depth in Ground Width of Wall See Plans (b) Size of Studs Material of Floor (c) Size of Floor Joists x Size of Rafters x

I hereby certify that to the best of my knowledge and belief the above application is correct and that this building or construction work will comply with all laws, and that in the doing of the work authorized thereby I will not employ any person in violation of the Labor Code of the State of California relating to Workmen's Compensation Insurance.

Board of Education

Sign here (Owner or Authorized Agent)

DISTRICT OFFICE By

FOR DEPARTMENT USE ONLY

1 of 13

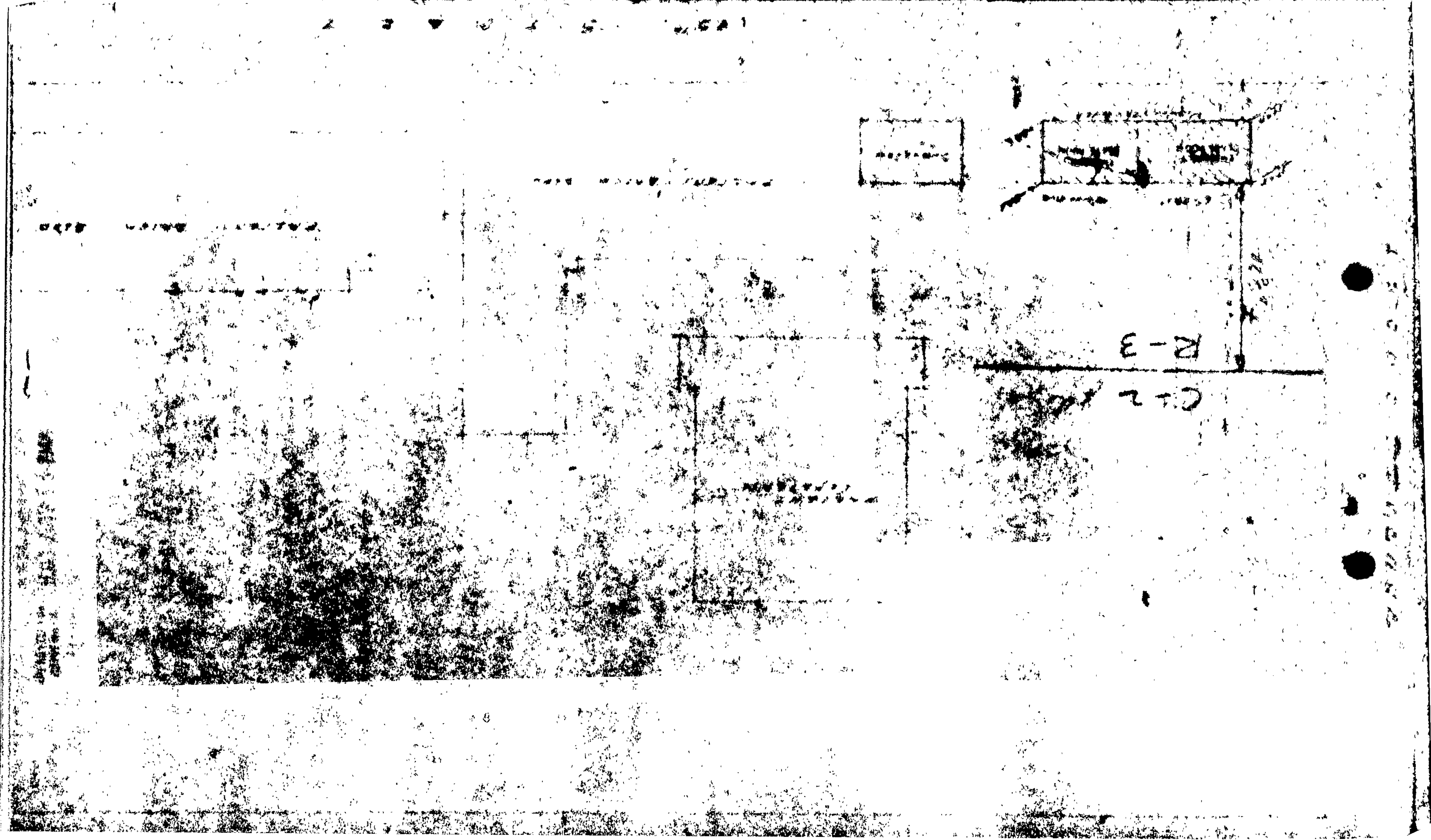
PLAN CHECKING NOV 10 1948		REINFORCED CONCRETE	FEES
Date		Bbls. Cement	Bldg. Per.
Receipt No. 14530			Cert. of Occupancy 33.00
Valuation $ 97,500		Tons of Reinforcing Steel	
Fee Paid $ 100.00			Total

TYPE	GROUP	Maximum No. Occupants	Inside Lot	Key Lot	Lot Size	Ft. rear alley / Ft. side alley	Cert.
I	5	20	Corner Lot	Corner Lot Keyed	5174 Acres	X	

PERMIT No. LA 28989	Plans and Specifications checked	Zone R-3 & C-2	Fire District No. 2	District Map No. 7262
	Corrections Verified	Bldg. Line 5 Ft.	Street Widening — Ft.	
	Plans, Specifications and Application tentatively approved.	Application tentatively approved. NOV 17 1948 Clerk		Stamp here when Permit is issued NOV 10 1948
PLANS Ser'd.	For Plans See	Filed with	Continuous Inspection	SPRINKLER Sprinkler Required Valuation Included Yes No

Inspector

Jan Verner


R-3
2R

Appendix E
Environmental
Database Search
Report

Ascot Avenue Elementary School
1447 E 45th Street
Los Angeles, CA 90011

Inquiry Number: 4974651.2s
June 23, 2017

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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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

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) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

1447 E 45TH STREET
LOS ANGELES, CA 90011

COORDINATES

Latitude (North):	34.0035420 - 34˚ 0' 12.75''
Longitude (West):	118.2483404 - 118˚ 14' 54.02''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	384717.2
UTM Y (Meters):	3763056.8
Elevation:	197 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5630795 LOS ANGELES, CA
Version Date:	2012
Southeast Map:	5633765 SOUTH GATE, CA
Version Date:	2012
Southwest Map:	5640440 INGLEWOOD, CA
Version Date:	2012
Northwest Map:	5630741 HOLLYWOOD, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
1447 E 45TH STREET
LOS ANGELES, CA 90011

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ASCOT AVENUE ELEMENT	1447 E 45TH ST	FTTS, HIST FTTS		TP
A2	LAUSD/ ASCOT AVE ELE	1447 E 45TH ST	HAZNET		TP
A3	LOS ANGELES USD ASCO	1447 E 45TH ST	RCRA-SQG		TP
A4	ASCOT AVENUE ES ADDI	1447 EAST 45TH STREE	ENVIROSTOR, SCH		TP
A5	ASCOT AVENUE ELEMENT	1447 EAST 45TH STREE	FINDS, ECHO		TP
A6	ASCOT AVENUE ELEMENT	1447 E 45TH ST	FTTS, HIST FTTS		TP
7	ARCO IRIS PRIMARY CE	4504 ASCOT AVE	RCRA-LQG	Lower	11, 0.002, SW
A8	ENGELBRACHT GRAUER	1470 E VERNON AVE	EDR Hist Auto	Higher	26, 0.005, NE
A9	SHERWOOD FRANK	1479 E VERNON AVE	EDR Hist Auto	Higher	99, 0.019, NE
A10	C&H AUTO ELECTRIC	1471 E VERNON AVE	EDR Hist Auto	Higher	107, 0.020, NNE
A11	HARR J R	1504 E VERNON AVE	EDR Hist Cleaner	Higher	127, 0.024, ENE
12	PAYNE SOLLY	1501 E VERNON AVE	EDR Hist Auto	Higher	141, 0.027, ENE
B13	ROBINETT ORVIE	4517 COMPTON AVE	EDR Hist Cleaner	Lower	158, 0.030, SSE
B14	WATERS W M	4432 COMPTON AVE	EDR Hist Cleaner	Lower	163, 0.031, SE
15	ALLEN ELLIS	1375 E VERNON AVE	EDR Hist Cleaner	Lower	167, 0.032, WNW
B16	WELLS GRACE MRS	4527 COMPTON AVE	EDR Hist Cleaner	Lower	191, 0.036, SSE
B17	PURDIE G E	4528 COMPTON AVE	EDR Hist Cleaner	Lower	287, 0.054, SSE
18	JAMES AUTO SHOP	1346 E 45TH ST	EDR Hist Auto	Lower	351, 0.066, WSW
B19	CAMPBELL WM	4621 COMPTON AVE	EDR Hist Cleaner	Lower	378, 0.072, SSE
C20	BIAS NUAIL	4608 COMPTON AVE	EDR Hist Cleaner	Lower	435, 0.082, SSE
D21	SMITH W R	4330 ASCOT AVE	EDR Hist Cleaner	Higher	467, 0.088, NW
D22	WADE ROBT	4316 ASCOT AVE	EDR Hist Auto	Higher	513, 0.097, NW
D23	SIMPSON S R	4321 ASCOT AVE	EDR Hist Cleaner	Higher	532, 0.101, NW
C24	RESTORE NEIGHBORHOOD	1530 E. 46TH STREET	RCRA-LQG, FINDS, ECHO	Lower	546, 0.103, SSE
C25	RUNGE JOHN	4701 COMPTON AVE	EDR Hist Cleaner	Lower	600, 0.114, South
26	HOLTON BECKER	4312 COMPTON AVE	EDR Hist Auto	Higher	644, 0.122, NNE
27	SWINGER ROBT	1585 E VERNON AVE	EDR Hist Cleaner	Higher	653, 0.124, ENE
E28	AUGIMERI ANTHONY	1303 E VERNON AVE	EDR Hist Cleaner	Lower	655, 0.124, West
E29	NEIGHBORHOOD SHELL	1295 E VERNON AVE	UST	Lower	755, 0.143, West
E30	CITY IMPROVEMENT CO	1285 E VERNON	HIST UST	Lower	784, 0.148, West
E31	SHELL SERVICE STATIO	1285 E VERNON / HOOP	RCRA-SQG	Lower	784, 0.148, West
E32	GAS STATION	1285 E VERNON AVE	HIST UST	Lower	784, 0.148, West
E33	SHELL GAS STATION	1285 E VERNON AVE	SWEEPS UST, CA FID UST	Lower	784, 0.148, West
E34	ANDY'S SHELL	1285 E VERNON AVE	UST	Lower	784, 0.148, West
35	JAMES ONE STOP SERVI	4351 W HOOVER AV	UST	Higher	863, 0.163, WNW
36	ESMERALDA #39;S RECY	1713 E VERNON AVE	SWRCY	Higher	1601, 0.303, East
37	SLAUSON RECYCLING 3	4525 STAUNTON AVE	SWRCY, NPDES, WDS	Lower	1763, 0.334, ESE
F38	AZTECA RUBBISH CONTR	1742 EAST 43RD STREE	SWF/LF	Higher	1838, 0.348, ENE
39	PACIFIC PIONEER PLAS	1642 E 41ST	SEMS-ARCHIVE	Higher	1894, 0.359, NE

MAPPED SITES SUMMARY

Target Property Address:
1447 E 45TH STREET
LOS ANGELES, CA 90011

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
G40	ARCO #5225	4424 CENTRAL AVE S	LUST	Lower	1945, 0.368, West
G41	ARCO #5225	4424 CENTRAL	HIST CORTESE	Lower	1945, 0.368, West
G42	CENTRAL REGION ELEME	EAST 45TH STREET AND	ENVIROSTOR, SCH	Lower	2010, 0.381, West
F43	AZTECA ROLL OFF	1768 E. 43RD ST.	SWF/LF	Higher	2090, 0.396, East
H44	BIKE SHOP	5201 SOUTH COMPTON A	SEMS-ARCHIVE, LEAD SMELTERS	Lower	2533, 0.480, South
H45	BIKE SHOP	5201 SOUTH COMPTON A	ENVIROSTOR, HIST UST	Lower	2533, 0.480, South
I46	VERNON FUELS	4321 ALAMEDA ST. S	LUST, HAZNET	Higher	2552, 0.483, East
I47	CALDERON RECYCLING	4305 S ALAMEDA ST	SWRCY	Higher	2608, 0.494, East
48	SINGER CO LA PERIOD	1838 E SANTA BARBARA	HWP	Higher	2821, 0.534, NE
49	PIMA ALAMEDA PROPERT	4051 SOUTH ALAMEDA S	ENVIROSTOR, VCP	Higher	3048, 0.577, NE
50	DEPENDABLE REFRIGERA	5201 SOUTH CENTRAL A	ENVIROSTOR	Lower	3175, 0.601, SW
J51	RENU PLATING COMPANY	1531 EAST 32ND STREE	HIST Cal-Sites	Higher	3233, 0.612, North
J52	RENU PLATING/NEVIN A	1531 E 32ND ST	ENVIROSTOR, VCP, DEED, HAZNET, LA Co. Site...	Higher	3233, 0.612, North
J53	NEVIN AVENUE ELEMENT	1517 EAST 32ND STREE	ENVIROSTOR, SCH	Higher	3236, 0.613, North
54	HOOPER/MIRAMONTE PRI	55TH STREET/HOOPER A	ENVIROSTOR, SCH	Lower	3512, 0.665, SSW
55	COMMERCIAL DIE CASTI	2053 EAST 38TH STREE	ENVIROSTOR	Higher	3572, 0.677, ENE
56	JEFFERSON NEW ELEMEN	MCKINLEY AVENUE/42ND	ENVIROSTOR, SCH	Lower	3616, 0.685, WNW
57	JEFFERSON CONTINUATI	33RD STREET/HOOPER A	ENVIROSTOR, SCH	Higher	3676, 0.696, NNW
58	LOS ANGELES FOOD CEN	2652 LONG BEACH AVEN	ENVIROSTOR, VCP	Higher	3796, 0.719, NNE
59	PUNCH PRESS PRODUCTS	1916 E. 51ST STREET	ENVIROSTOR, WDS	Lower	3916, 0.742, SE
60	CENTRAL REGION MIDDL	SOUTH COMPTON AVENUE	ENVIROSTOR, SCH	Higher	4096, 0.776, North
K61	HOOPER/MIRAMONTE PRI	56TH STREET/HOOPER A	ENVIROSTOR, SCH	Lower	4201, 0.796, SSW
62	VERNON MACHINING	2150 E. 37TH STREET	ENVIROSTOR	Higher	4202, 0.796, ENE
L63	FOUR STAR CHEMICAL	5701 COMPTON AVE.	ENVIROSTOR	Lower	4254, 0.806, South
L64	AMERICAN LABS INC	5701 S COMPTON AVE	SEMS, CORRACTS, RCRA-TSDF, ENVIROSTOR, RCRA NonGen	Lower	4254, 0.806, South
K65	NAVARRO PROPERTY	1250-1256 EAST 57TH	RESPONSE, ENVIROSTOR, LIENS	Lower	4332, 0.820, SSW
66	FLOWSERVE CORPORATIO	2300 EAST VERNON AVE	ENVIROSTOR, CHMIRS, NPDES	Higher	4368, 0.827, East
67	HOOPER/MIRAMONTE PRI	48TH STREET/AVALON A	ENVIROSTOR, SCH	Lower	4468, 0.846, WSW
68	C & M METALS, INC.	1709 E 24TH ST.	ENVIROSTOR, PROC	Higher	4517, 0.855, NNE
69	REBILT METALIZING	2229 EAST 38TH STREE	ENVIROSTOR	Higher	4534, 0.859, ENE
70	PACIFIC ALLIED MANUF	2911 SOUTH CENTRAL A	ENVIROSTOR	Higher	4702, 0.891, NNW
M71	PLATING SHOP	5816 HOOPER AVENUE	ENVIROSTOR	Lower	4720, 0.894, South
72	M-5 STEEL, INC.	2901-2921 SACO STREE	ENVIROSTOR	Higher	4745, 0.899, ENE
N73	L.A. CRANK & ENGINE	5728 S. CENRAL AVE.	ENVIROSTOR	Lower	4811, 0.911, SSW
74	EDISON/VERNON	2323 EAST VERNON AVE	ENVIROSTOR	Higher	4815, 0.912, East
N75	J C HOLDERNESS	5732 SOUTH CENTRAL A	ENVIROSTOR	Lower	4828, 0.914, SSW
N76	AMERICAN LABS & RECO	1116 E 58TH ST	HWP	Lower	4859, 0.920, SSW
M77	MASTER BODY SHOP	1322 EAST SLAUSON AV	ENVIROSTOR	Lower	4880, 0.924, South
O78	STUART F COOPER CO	1565 AND 1570 E 23RD	RCRA-SQG, ENVIROSTOR, EMI	Higher	4885, 0.925, North

MAPPED SITES SUMMARY

Target Property Address:
1447 E 45TH STREET
LOS ANGELES, CA 90011

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
O79	NEVIN AVENUE ELEMENT	1569 EAST 32ND AVENU	ENVIROSTOR, SCH	Higher	4885, 0.925, North
P80	AAD DISTRIBUTING & D	2306 E THIRTY EIGHTH	Cortese, EMI, Financial Assurance, ICE, HWP	Higher	4892, 0.927, ENE
P81	AAD DISTRIBUTION C/O	2306 EAST 38TH STREE	CORRACTS, RCRA-TSDF, RCRA-LQG, US FIN ASSUR, 2020..	Higher	4892, 0.927, ENE
P82	AAD	2306 E. 38TH STREET	HIST Cal-Sites	Higher	4892, 0.927, ENE
P83	AAD DISTRIBUTION & D	2306 E. 38TH STREET	RESPONSE, ENVIROSTOR, HAZNET	Higher	4892, 0.927, ENE
P84	AAD DISTRIBUTION & D	2306 E 38TH ST	ENVIROSTOR, LIENS, DRYCLEANERS	Higher	4892, 0.927, ENE
M85	BAUHAUS GROUP	1316 EAST SLAUSON AV	ENVIROSTOR	Lower	4916, 0.931, South
Q86	ATLAS PLATING COMPAN	1206 E. SLAUSON AVEN	ENVIROSTOR	Lower	5008, 0.948, SSW
Q87	PUCKETT LUCILLE M. T	1206 SLAUSON AVENUE	ENVIROSTOR	Lower	5008, 0.948, SSW
Q88	K. J. WELDING & IRON	1202 EAST SLAUSON AV	SEMS, ENVIROSTOR	Lower	5026, 0.952, SSW
N89	J&A FURNITURE	5815 SOUTH CENTRAL A	ENVIROSTOR	Lower	5037, 0.954, SSW
90	CRES #17 SITE 2 5640	33RD AVENUE TO THE N	ENVIROSTOR, SCH	Higher	5062, 0.959, NW
91	AMERICAN BUMPER SALE	1150 EAST SLAUSON AV	ENVIROSTOR	Lower	5093, 0.965, SSW
92	ADVANCE ALUMINUM & B	1001 E SLAUSON AVE	ENVIROSTOR, EMI	Lower	5246, 0.994, SSW
93	WEST COAST METAL FIN	5742 BANDERA STREET	ENVIROSTOR	Lower	5267, 0.998, SSE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
ASCOT AVENUE ELEMENT 1447 E 45TH ST LOS ANGELES, CA 90011	FTTS Database: FTTS INSP, Date of Government Version: 04/09/2009 HIST FTTS Database: HIST FTTS INSP, Date of Government Version: 10/19/2006	N/A
LAUSD/ ASCOT AVE ELE 1447 E 45TH ST LOS ANGELES, CA 90011	HAZNET GEPAID: CAD982021552	N/A
LOS ANGELES USD ASCO 1447 E 45TH ST LOS ANGELES, CA 90011	RCRA-SQG EPA ID:: CAD982021552	CAD982021552
ASCOT AVENUE ES ADDI 1447 EAST 45TH STREE LOS ANGELES, CA 90011	ENVIROSTOR Facility Id: 19820041 Status: No Action Required SCH Facility Id: 19820041 Status: No Action Required	N/A
ASCOT AVENUE ELEMENT 1447 EAST 45TH STREE LOS ANGELES, CA 90011	FINDS Registry ID:: 110013315616 ECHO	N/A
ASCOT AVENUE ELEMENT 1447 E 45TH ST LOS ANGELES, CA 90011	FTTS Database: FTTS INSP, Date of Government Version: 04/09/2009 HIST FTTS Database: HIST FTTS INSP, Date of Government Version: 10/19/2006	N/A

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

EXECUTIVE SUMMARY

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 non-CORRACTS TSD facilities list

RCRA-TSDF ..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-CESQG ..... RCRA - Conditionally Exempt Small Quantity Generator

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

State and tribal leaking storage tank lists

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land
SLIC ..... Statewide SLIC Cases

State and tribal registered storage tank lists

FEMA UST ..... Underground Storage Tank Listing
AST ..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST ..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

VCP ..... Voluntary Cleanup Program Properties
INDIAN VCP ..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS ..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

EXECUTIVE SUMMARY

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT	Waste Management Unit Database
HAULERS	Registered Waste Tire Haulers Listing
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
IHS OPEN DUMPS	Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN	San Gabriel Valley Areas of Concern
US HIST CDL	Delisted National Clandestine Laboratory Register
CDL	Clandestine Drug Labs
Toxic Pits	Toxic Pits Cleanup Act Sites
US CDL	National Clandestine Laboratory Register

Local Land Records

LIENS	Environmental Liens Listing
LIENS 2	CERCLA Lien Information
DEED	Deed Restriction Listing

Records of Emergency Release Reports

HMIRS	Hazardous Materials Information Reporting System
CHMIRS	California Hazardous Material Incident Report System
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
SPILLS 90	SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated
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
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

EXECUTIVE SUMMARY

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
UXO	Unexploded Ordnance Sites
DOCKET HWC	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM	EPA Fuels Program Registered Listing
CA BOND EXP. PLAN	Bond Expenditure Plan
Cortese	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings	CUPA Resources List
DRYCLEANERS	Cleaner Facilities
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
ICE	ICE
LOS ANGELES CO. HMS	HMS: Street Number List
HWT	Registered Hazardous Waste Transporter Database
MINES	Mines Site Location Listing
MWMP	Medical Waste Management Program Listing
NPDES	NPDES Permits Listing
PEST LIC	Pesticide Regulation Licenses Listing
PROC	Certified Processors Database
Notify 65	Proposition 65 Records
LA Co. Site Mitigation	Site Mitigation List
UIC	UIC Listing
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List
RGA LUST	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

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 02/07/2017 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC PIONEER PLAS	1642 E 41ST	NE 1/4 - 1/2 (0.359 mi.)	39	33

Lower Elevation	Address	Direction / Distance	Map ID	Page
BIKE SHOP	***5201 SOUTH COMPTON A***	***S 1/4 - 1/2 (0.480 mi.)***	***H44***	***43***

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 12/12/2016 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AAD DISTRIBUTION C/O	***2306 EAST 38TH STREE***	***ENE 1/2 - 1 (0.927 mi.)***	***P81***	***157***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN LABS INC	***5701 S COMPTON AVE***	***S 1/2 - 1 (0.806 mi.)***	***L64***	***103***

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 12/12/2016 has revealed that there are 2 RCRA-LQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO IRIS PRIMARY CE	4504 ASCOT AVE	SW 0 - 1/8 (0.002 mi.)	7	15
RESTORE NEIGHBORHOOD	***1530 E. 46TH STREET***	***SSE 0 - 1/8 (0.103 mi.)***	***C24***	***20***

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 12/12/2016 has revealed that there is 1 RCRA-SQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL SERVICE STATIO	1285 E VERNON / HOOP	W 1/8 - 1/4 (0.148 mi.)	E31	24

State- and tribal - equivalent NPL

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, has revealed that there are 2 RESPONSE sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AAD DISTRIBUTION & D	***2306 E. 38TH STREET***	***ENE 1/2 - 1 (0.927 mi.)***	***P83***	***204***

Database: RESPONSE, Date of Government Version: 01/30/2017
Status: Active
Facility Id: 19000031

Lower Elevation	Address	Direction / Distance	Map ID	Page
NAVARRO PROPERTY	***1250-1256 EAST 57TH***	***SSW 1/2 - 1 (0.820 mi.)***	***K65***	***122***

Database: RESPONSE, Date of Government Version: 01/30/2017
Status: Certified
Facility Id: 70000049

State- and tribal - equivalent CERCLIS

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 ENVIROSTOR list, as provided by EDR, and dated 01/30/2017 has revealed that there are 42 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PIMA ALAMEDA PROPERT Facility Id: 60002227 Status: Active	***4051 SOUTH ALAMEDA S***	***NE 1/2 - 1 (0.577 mi.)***	***49***	***49***
RENU PLATING/NEVIN A Facility Id: 19340643 Status: Active	***1531 E 32ND ST***	***N 1/2 - 1 (0.612 mi.)***	***J52***	***59***
NEVIN AVENUE ELEMENT Facility Id: 19340784 Status: Certified	***1517 EAST 32ND STREE***	***N 1/2 - 1 (0.613 mi.)***	***J53***	***70***
COMMERCIAL DIE CASTI Facility Id: 60001186 Status: No Action Required	2053 EAST 38TH STREE	ENE 1/2 - 1 (0.677 mi.)	55	76
JEFFERSON CONTINUATI Facility Id: 19880053 Status: Inactive - Withdrawn	***33RD STREET/HOOPER A***	***NNW 1/2 - 1 (0.696 mi.)***	***57***	***80***
LOS ANGELES FOOD CEN Facility Id: 60001206 Status: Active	***2652 LONG BEACH AVEN***	***NNE 1/2 - 1 (0.719 mi.)***	***58***	***83***
CENTRAL REGION MIDDL Facility Id: 60000086 Status: Certified	***SOUTH COMPTON AVENUE***	***N 1/2 - 1 (0.776 mi.)***	***60***	***88***
VERNON MACHINING Facility Id: 60001859 Status: No Action Required	2150 E. 37TH STREET	ENE 1/2 - 1 (0.796 mi.)	62	101
FLOWSERVE CORPORATIO Facility Id: 60001533 Status: Active	***2300 EAST VERNON AVE***	***E 1/2 - 1 (0.827 mi.)***	***66***	***129***
C & M METALS, INC. Facility Id: 60000315 Status: Inactive - Action Required	***1709 E 24TH ST.***	***NNE 1/2 - 1 (0.855 mi.)***	***68***	***137***
REBILT METALIZING Facility Id: 60001180 Status: No Action Required	2229 EAST 38TH STREE	ENE 1/2 - 1 (0.859 mi.)	69	139
PACIFIC ALLIED MANUF Facility Id: 19340018 Status: No Further Action	2911 SOUTH CENTRAL A	NNW 1/2 - 1 (0.891 mi.)	70	140
M-5 STEEL, INC. Facility Id: 19330374	2901-2921 SACO STREE	ENE 1/2 - 1 (0.899 mi.)	72	142

Status: Refer: Other Agency				
EDISON/VERNON Facility Id: 19490180 Status: Refer: Other Agency	2323 EAST VERNON AVE	E 1/2 - 1 (0.912 mi.)	74	145
STUART F COOPER CO Facility Id: 71002904 Status: Refer: Other Agency	***1565 AND 1570 E 23RD***	***N 1/2 - 1 (0.925 mi.)***	***O78***	***148***
NEVIN AVENUE ELEMENT Facility Id: 19820071 Status: Inactive - Action Required	***1569 EAST 32ND AVENU***	***N 1/2 - 1 (0.925 mi.)***	***O79***	***150***
AAD DISTRIBUTION & D Facility Id: 19000031 Status: Active	***2306 E. 38TH STREET***	***ENE 1/2 - 1 (0.927 mi.)***	***P83***	***204***
AAD DISTRIBUTION & D Facility Id: 80001469 Status: Refer: SMBRP	***2306 E 38TH ST***	***ENE 1/2 - 1 (0.927 mi.)***	***P84***	***224***
CRES #17 SITE 2 5640 Facility Id: 60000078 Status: Certified	***33RD AVENUE TO THE N***	***NW 1/2 - 1 (0.959 mi.)***	***90***	***236***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CENTRAL REGION ELEME Facility Id: 60000819 Status: Certified	***EAST 45TH STREET AND***	***W 1/4 - 1/2 (0.381 mi.)***	***G42***	***36***
BIKE SHOP Facility Id: 19550028 Status: Inactive - Action Required	***5201 SOUTH COMPTON A***	***S 1/4 - 1/2 (0.480 mi.)***	***H45***	***44***
DEPENDABLE REFRIGERA Facility Id: 19760023 Status: Inactive - Action Required	5201 SOUTH CENTRAL A	SW 1/2 - 1 (0.601 mi.)	50	51
HOOPER/MIRAMONTE PRI Facility Id: 19880075 Status: Inactive - Withdrawn	***55TH STREET/HOOPER A***	***SSW 1/2 - 1 (0.665 mi.)***	***54***	***73***
JEFFERSON NEW ELEMEN Facility Id: 19010029 Status: No Further Action	***MCKINLEY AVENUE/42ND***	***WNW 1/2 - 1 (0.685 mi.)***	***56***	***77***
PUNCH PRESS PRODUCTS Facility Id: 71002387 Status: Refer: Other Agency	***1916 E. 51ST STREET***	***SE 1/2 - 1 (0.742 mi.)***	***59***	***86***
HOOPER/MIRAMONTE PRI Facility Id: 19590017 Status: Inactive - Withdrawn	***56TH STREET/HOOPER A***	***SSW 1/2 - 1 (0.796 mi.)***	***K61***	***98***
FOUR STAR CHEMICAL Facility Id: 19281224 Status: Inactive - Action Required	5701 COMPTON AVE.	S 1/2 - 1 (0.806 mi.)	L63	102
AMERICAN LABS INC Facility Id: 80001478 Status: Active	***5701 S COMPTON AVE***	***S 1/2 - 1 (0.806 mi.)***	***L64***	***103***
NAVARRO PROPERTY	***1250-1256 EAST 57TH***	***SSW 1/2 - 1 (0.820 mi.)***	***K65***	***122***

Facility Id: 70000049 Status: Certified				
HOOPER/MIRAMONTE PRI Facility Id: 19760022 Status: Inactive - Withdrawn	***48TH STREET/AVALON A***	***WSW 1/2 - 1 (0.846 mi.)***	***67***	***135***
PLATING SHOP Facility Id: 19340778 Status: Inactive - Needs Evaluation	5816 HOOPER AVENUE	S 1/2 - 1 (0.894 mi.)	M71	141
L.A. CRANK & ENGINE Facility Id: 19390062 Status: Inactive - Action Required	5728 S. CENRAL AVE.	SSW 1/2 - 1 (0.911 mi.)	N73	144
J C HOLDERNESS Facility Id: 60001715 Status: Refer: EPA	5732 SOUTH CENTRAL A	SSW 1/2 - 1 (0.914 mi.)	N75	146
MASTER BODY SHOP Facility Id: 60002094 Status: Inactive - Needs Evaluation	1322 EAST SLAUSON AV	S 1/2 - 1 (0.924 mi.)	M77	147
BAUHAUS GROUP Facility Id: 19320198 Status: Inactive - Action Required	1316 EAST SLAUSON AV	S 1/2 - 1 (0.931 mi.)	M85	229
ATLAS PLATING COMPAN Facility Id: 19340777 Status: Inactive - Needs Evaluation	1206 E. SLAUSON AVEN	SSW 1/2 - 1 (0.948 mi.)	Q86	230
PUCKETT LUCILLE M. T Facility Id: 60001683 Status: Refer: EPA	1206 SLAUSON AVENUE	SSW 1/2 - 1 (0.948 mi.)	Q87	231
K. J. WELDING & IRON Facility Id: 19340789 Status: Inactive - Action Required	***1202 EAST SLAUSON AV***	***SSW 1/2 - 1 (0.952 mi.)***	***Q88***	***232***
J&A FURNITURE Facility Id: 19570001 Status: No Further Action	5815 SOUTH CENTRAL A	SSW 1/2 - 1 (0.954 mi.)	N89	235
AMERICAN BUMPER SALE Facility Id: 19750098 Status: Inactive - Action Required	1150 EAST SLAUSON AV	SSW 1/2 - 1 (0.965 mi.)	91	241
ADVANCE ALUMINUM & B Facility Id: 19340787 Status: Inactive - Action Required	***1001 E SLAUSON AVE***	***SSW 1/2 - 1 (0.994 mi.)***	***92***	***242***
WEST COAST METAL FIN Facility Id: 71002923 Status: Refer: Other Agency	5742 BANDERA STREET	SSE 1/2 - 1 (0.998 mi.)	93	244

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the SWF/LF list, as provided by EDR, has revealed that there are 2 SWF/LF sites within

approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AZTECA RUBBISH CONTR	1742 EAST 43RD STREE	ENE 1/4 - 1/2 (0.348 mi.)	F38	32
Database: LOS ANGELES CO. LF, Date of Government Version: 04/17/2017 Site ID: 211 Status: Active				
AZTECA ROLL OFF	1768 E. 43RD ST.	E 1/4 - 1/2 (0.396 mi.)	F43	43
Database: SWF/LF (SWIS), Date of Government Version: 02/13/2017 Facility ID: 19-AR-1260 Operational Status: Active Regulation Status: Notification				

State and tribal leaking storage tank lists

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 LUST list, as provided by EDR, has revealed that there are 2 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VERNON FUELS	***4321 ALAMEDA ST. S***	***E 1/4 - 1/2 (0.483 mi.)***	***I46***	***46***
Database: LUST, Date of Government Version: 03/13/2017 Status: Open - Site Assessment Global Id: T10000004816				

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #5225	4424 CENTRAL AVE S	W 1/4 - 1/2 (0.368 mi.)	G40	34
Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 03/13/2017 Status: Completed - Case Closed Facility Id: 900110107 Status: Case Closed Global Id: T0603700499 Global ID: T0603700499				

State and tribal registered storage tank lists

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 UST list, as provided by EDR, has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JAMES ONE STOP SERVI	4351 W HOOVER AV	WNW 1/8 - 1/4 (0.163 mi.)	35	28
Database: UST, Date of Government Version: 03/12/2017				

Facility Id: 23590

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEIGHBORHOOD SHELL Database: UST, Date of Government Version: 03/12/2017 Facility Id: fa0030323	1295 E VERNON AVE	W 1/8 - 1/4 (0.143 mi.)	E29	23
ANDY'S SHELL Database: UST, Date of Government Version: 03/12/2017 Facility Id: 24791	1285 E VERNON AVE	W 1/8 - 1/4 (0.148 mi.)	E34	28

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 03/13/2017 has revealed that there are 3 SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ESMERALDA #39;S RECY Cert Id: RC248801.001	1713 E VERNON AVE	E 1/4 - 1/2 (0.303 mi.)	36	28
CALDERON RECYCLING Cert Id: RC195452.001	4305 S ALAMEDA ST	E 1/4 - 1/2 (0.494 mi.)	I47	48

Lower Elevation	Address	Direction / Distance	Map ID	Page
SLAUSON RECYCLING 3 Cert Id: RC249164.001	***4525 STAUNTON AVE***	***ESE 1/4 - 1/2 (0.334 mi.)***	***37***	***29***

Local Lists of Hazardous waste / Contaminated Sites

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 2 HIST Cal-Sites sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RENU PLATING COMPANY	1531 EAST 32ND STREE	N 1/2 - 1 (0.612 mi.)	J51	52
AAD	2306 E. 38TH STREET	ENE 1/2 - 1 (0.927 mi.)	P82	201

Local Lists of Registered Storage Tanks

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 SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL GAS STATION Status: A Tank Status: A Comp Number: 3119	***1285 E VERNON AVE***	***W 1/8 - 1/4 (0.148 mi.)***	***E33***	***27***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 2 HIST UST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CITY IMPROVEMENT CO Facility Id: 00000019051	1285 E VERNON	W 1/8 - 1/4 (0.148 mi.)	E30	23
GAS STATION Facility Id: 00000055894	1285 E VERNON AVE	W 1/8 - 1/4 (0.148 mi.)	E32	26

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 is 1 CA FID UST site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SHELL GAS STATION Facility Id: 19004899 Status: A	***1285 E VERNON AVE***	***W 1/8 - 1/4 (0.148 mi.)***	***E33***	***27***

Other Ascertainable Records

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 HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there is 1 HIST CORTESE site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ARCO #5225 Reg Id: 900110107	4424 CENTRAL	W 1/4 - 1/2 (0.368 mi.)	G41	36

HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the HWP list, as provided by EDR, and dated 11/21/2016 has revealed that there are 4 HWP sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SINGER CO LA PERIOD EPA Id: CAD072300072 Cleanup Status: KNOWN GENERATORS	1838 E SANTA BARBARA	NE 1/2 - 1 (0.534 mi.)	48	49
AAD DISTRIBUTING & D EPA Id: CAD981397417 Cleanup Status: UNDERGOING CLOSURE	***2306 E THIRTY EIGHTH***	***ENE 1/2 - 1 (0.927 mi.)***	***P80***	***154***

Lower Elevation	Address	Direction / Distance	Map ID	Page
AMERICAN LABS INC EPA Id: CAD981459175 Cleanup Status: UNDERGOING CLOSURE	***5701 S COMPTON AVE***	***S 1/2 - 1 (0.806 mi.)***	***L64***	***103***
AMERICAN LABS & RECO EPA Id: CAL000099147 Cleanup Status: NON-OPERATING	1116 E 58TH ST	SSW 1/2 - 1 (0.920 mi.)	N76	147

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 7 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ENGELBRACHT GRAUER	1470 E VERNON AVE	NE 0 - 1/8 (0.005 mi.)	A8	16
SHERWOOD FRANK	1479 E VERNON AVE	NE 0 - 1/8 (0.019 mi.)	A9	16
C&H AUTO ELECTRIC	1471 E VERNON AVE	NNE 0 - 1/8 (0.020 mi.)	A10	17
PAYNE SOLLY	1501 E VERNON AVE	ENE 0 - 1/8 (0.027 mi.)	12	17

EXECUTIVE SUMMARY

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WADE ROBT	4316 ASCOT AVE	NW 0 - 1/8 (0.097 mi.)	D22	19
HOLTON BECKER	4312 COMPTON AVE	NNE 0 - 1/8 (0.122 mi.)	26	22

Lower Elevation	Address	Direction / Distance	Map ID	Page
JAMES AUTO SHOP	1346 E 45TH ST	WSW 0 - 1/8 (0.066 mi.)	18	18

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 13 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARR J R	1504 E VERNON AVE	ENE 0 - 1/8 (0.024 mi.)	A11	17
SMITH W R	4330 ASCOT AVE	NW 0 - 1/8 (0.088 mi.)	D21	19
SIMPSON S R	4321 ASCOT AVE	NW 0 - 1/8 (0.101 mi.)	D23	20
SWINGER ROBT	1585 E VERNON AVE	ENE 0 - 1/8 (0.124 mi.)	27	22

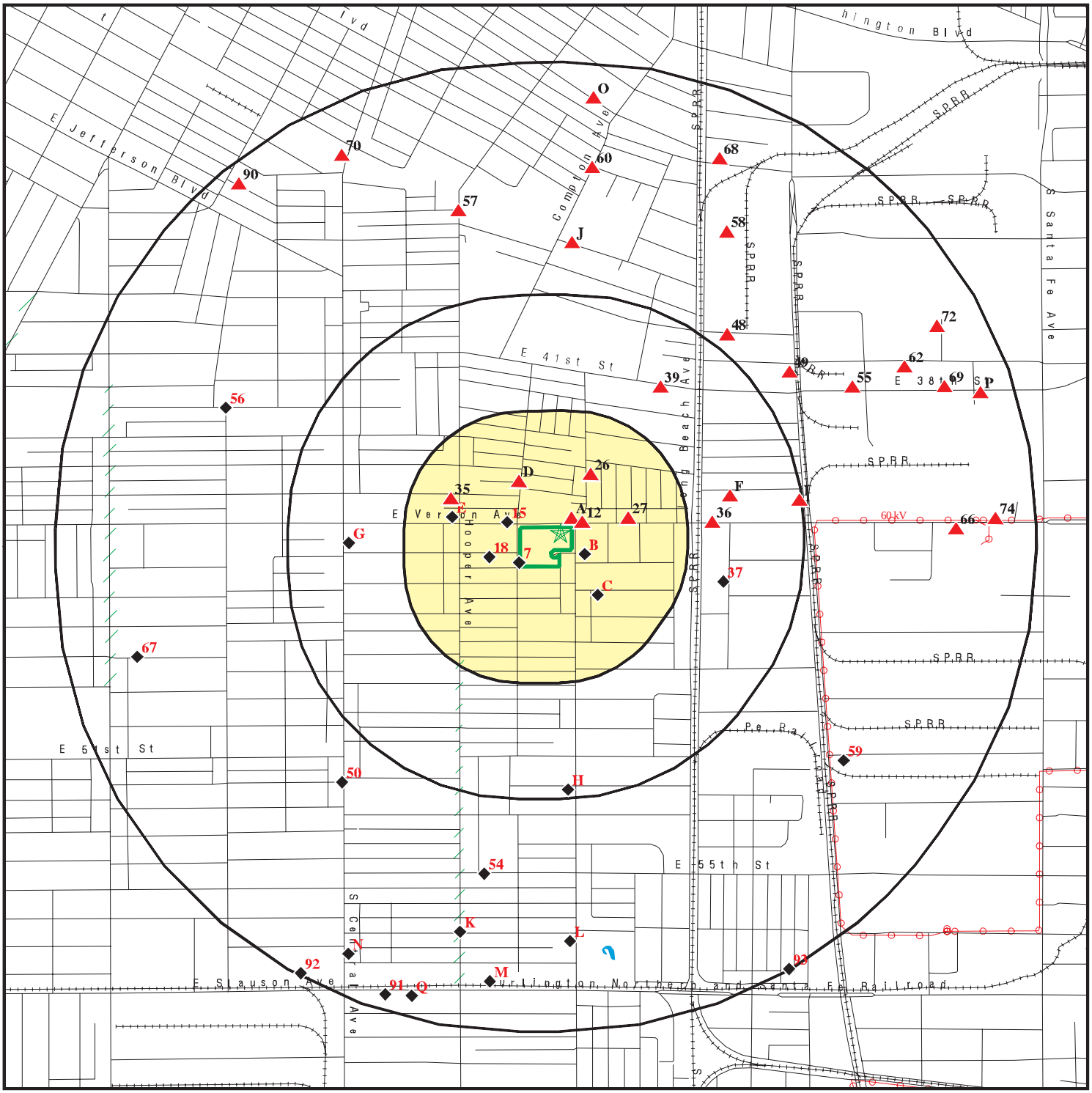
Lower Elevation	Address	Direction / Distance	Map ID	Page
ROBINETT ORVIE	4517 COMPTON AVE	SSE 0 - 1/8 (0.030 mi.)	B13	17
WATERS W M	4432 COMPTON AVE	SE 0 - 1/8 (0.031 mi.)	B14	18
ALLEN ELLIS	1375 E VERNON AVE	WNW 0 - 1/8 (0.032 mi.)	15	18
WELLS GRACE MRS	4527 COMPTON AVE	SSE 0 - 1/8 (0.036 mi.)	B16	18
PURDIE G E	4528 COMPTON AVE	SSE 0 - 1/8 (0.054 mi.)	B17	18
CAMPBELL WM	4621 COMPTON AVE	SSE 0 - 1/8 (0.072 mi.)	B19	19
BIAS NUAIL	4608 COMPTON AVE	SSE 0 - 1/8 (0.082 mi.)	C20	19
RUNGE JOHN	4701 COMPTON AVE	S 0 - 1/8 (0.114 mi.)	C25	22
AUGIMERI ANTHONY	1303 E VERNON AVE	W 0 - 1/8 (0.124 mi.)	E28	22

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 5 records.

Site Name	Database(s)
SOUTH CENTRAL DISCOVERY PROJECT	RESPONSE, ENVIROSTOR
VERNON PERCHLORATE	RESPONSE, ENVIROSTOR
JEFFERSON HOOPER PRIMARY SCHOOL NO	ENVIROSTOR, SCH
SOUTH REGION ES #2, SITE 6A 564001	ENVIROSTOR, SCH
JEFFERSON ELEMENTARY SCHOOL NO. 1	ENVIROSTOR, SCH

OVERVIEW MAP - 4974651.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

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: Ascot Avenue Elementary School	CLIENT: ENSAFE
ADDRESS: 1447 E 45th Street Los Angeles CA 90011	CONTACT: Alex Mitoma INQUIRY #: 4974651.2s
LAT/LONG: 34.0035419994107 / 118.248340362812	DATE: June 23, 2017 7:49 am

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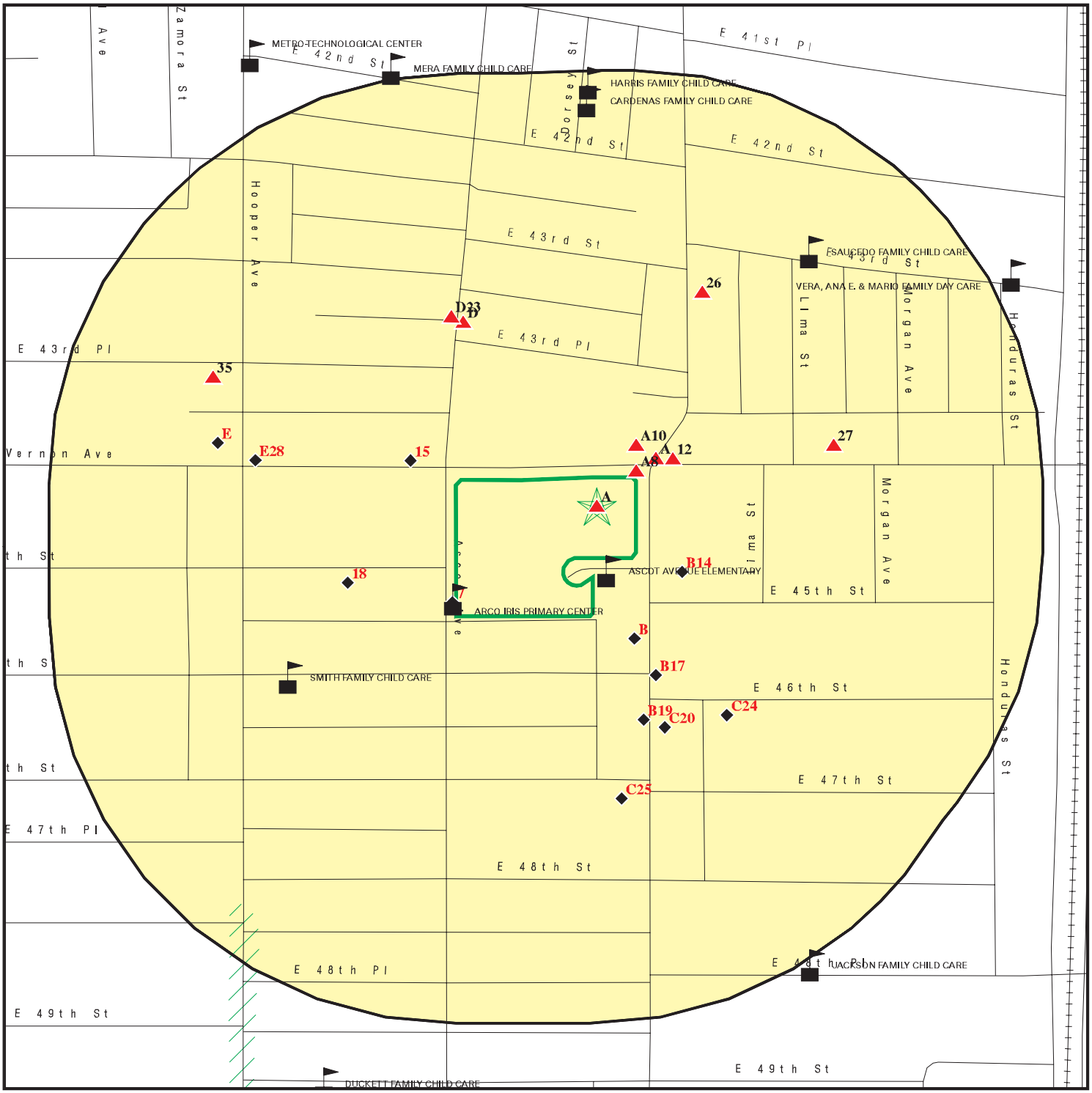
DETAIL MAP - 4974651.2S



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

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

100-year flood zone

500-year flood zone

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: Ascot Avenue Elementary School	CLIENT: ENSAFE
ADDRESS: 1447 E 45th Street Los Angeles CA 90011	CONTACT: Alex Mitoma INQUIRY #: 4974651.2s
LAT/LONG: 34.0035419994107 / 118.248340362812	DATE: June 23, 2017 7:50 am

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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	0.001		0	NR	NR	NR	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	2	NR	2
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		2	0	NR	NR	NR	2
RCRA-SQG	0.250	1	0	1	NR	NR	NR	2
RCRA-CESQG	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								
RESPONSE	1.000		0	0	0	2	NR	2
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000	1	0	0	2	40	NR	43
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	2	NR	NR	2
State and tribal leaking storage tank lists								
LUST	0.500		0	0	2	NR	NR	2

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
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
UST	0.250		0	3	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	3	NR	NR	3
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	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								
AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	2	NR	2
SCH	0.250	1	0	0	NR	NR	NR	1
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		0	1	NR	NR	NR	1
HIST UST	0.250		0	2	NR	NR	NR	2
CA FID UST	0.250		0	1	NR	NR	NR	1
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
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	2	0	NR	NR	NR	NR	2
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	2	0	NR	NR	NR	NR	2
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	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	0.001		0	NR	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001	1	0	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	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
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	1	0	NR	NR	NR	NR	1
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	0	1	NR	NR	1
LOS ANGELES CO. HMS	0.001		0	NR	NR	NR	NR	0
HWP	1.000		0	0	0	4	NR	4
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	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		7	NR	NR	NR	NR	7
EDR Hist Cleaner	0.125		13	NR	NR	NR	NR	13
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		10	22	8	12	50	0	102

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property | **ASCOT AVENUE ELEMENTARY SCHOOL**
1447 E 45TH ST
LOS ANGELES, CA 90011 | **FTTS** | **1007269208**
HIST FTTS | **N/A**

Site 1 of 10 in cluster A

Actual: 197 ft.

FTTS INSP:

Inspection Number:	20010626WV019 2
Region:	03
Inspection Date:	06/26/01
Inspector:	MILLER
Violation occurred:	No
Investigation Type:	AHERA, Enforcement, State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

HIST FTTS INSP:

Inspection Number:	20010626WV019 2
Region:	03
Inspection Date:	Not reported
Inspector:	MILLER
Violation occurred:	No
Investigation Type:	AHERA, Enforcement, State Conducted
Investigation Reason:	Neutral Scheme, State
Legislation Code:	TSCA
Facility Function:	User

A2 Target Property | **LAUSD/ ASCOT AVE ELEM**
1447 E 45TH ST
LOS ANGELES, CA 90011 | **HAZNET** | **S113012542**
N/A

Site 2 of 10 in cluster A

Actual: 197 ft.

HAZNET:

envid:	S113012542
Year:	2014
GEPAID:	CAD982021552
Contact:	PAT SCHAENEN
Telephone:	2132413921
Mailing Name:	Not reported
Mailing Address:	333 S BEAUNDRY AVE 28TH FLR
Mailing City,St,Zip:	LOS ANGELES, CA 900170000
Gen County:	Los Angeles
TSD EPA ID:	CAD044429835
TSD County:	Los Angeles
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.125
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S113012542
Year:	2014
GEPAID:	CAD982021552

LAUSD/ ASCOT AVE ELEM (Continued) **S113012542**

Contact:	PAT SCHAENEN
Telephone:	2132413921
Mailing Name:	Not reported
Mailing Address:	333 S BEAUNDRY AVE 28TH FLR
Mailing City,St,Zip:	LOS ANGELES, CA 900170000
Gen County:	Los Angeles
TSD EPA ID:	CAD028409019
TSD County:	Los Angeles
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.04
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S113012542
Year:	2012
GEPAID:	CAD982021552
Contact:	SOE AUNG
Telephone:	2137455939
Mailing Name:	Not reported
Mailing Address:	333 S BEAUNDRY AVE 28TH FLR
Mailing City,St,Zip:	LOS ANGELES, CA 900170000
Gen County:	Los Angeles
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.1
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S113012542
Year:	2009
GEPAID:	CAD982021552
Contact:	SOE AUNG / ECM
Telephone:	2132413199
Mailing Name:	Not reported
Mailing Address:	333 S BEAUDRY AVE 20TH FLOOR
Mailing City,St,Zip:	Los Angeles, CA 900170000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.02
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

envid:	S113012542
Year:	2008
GEPAID:	CAD982021552

LAUSD/ ASCOT AVE ELEM (Continued) **S113012542**

Contact:	YI HWA KIM DEPUTY DIRECTOR
Telephone:	2137435086
Mailing Name:	Not reported
Mailing Address:	333 S Beaudry Ave 20th Fl
Mailing City,St,Zip:	Los Angeles, CA 900170000
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.075
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

Click this hyperlink while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

A3 Target Property **LOS ANGELES USD ASCOT ELEM SCHOOL** **RCRA-SQG** **1000102102**
1447 E 45TH ST **CAD982021552**
LOS ANGELES, CA 90011

Site 3 of 10 in cluster A

Actual: 197 ft.

RCRA-SQG:

Date form received by agency:	08/07/1987
Facility name:	LOS ANGELES USD ASCOT ELEM SCHOOL
Facility address:	1447 E 45TH ST LOS ANGELES, CA 90011
EPA ID:	CAD982021552
Mailing address:	1425 S SAN PEDRO ST ROOM 215 LOS ANGELES, CA 90015
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1447 E FORTY FIFTH ST LOS ANGELES, CA 90011
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:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
Legal status:	Municipal
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

LOS ANGELES USD ASCOT ELEM SCHOOL (Continued) **1000102102**

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
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

A4 Target Property **ASCOT AVENUE ES ADDITION** **ENVIROSTOR** **S118756576**
1447 EAST 45TH STREET **SCH** **N/A**
LOS ANGELES, CA 90011

Site 4 of 10 in cluster A

Actual: 197 ft.

ENVIROSTOR:

Facility ID:	19820041
Status:	No Action Required
Status Date:	04/20/2001
Site Code:	304235
Site Type:	School Investigation
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:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED

ASCOT AVENUE ES ADDITION (Continued) **S118756576**

Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: NONE SPECIFIED
Potential Description: NMA
Alias Name: ASCOT AVENUE ELEMENTARY SCHOOL ADDITION
Alias Type: Alternate Name
Alias Name: LAUSD-ASCOT AVE ELEMENTARY ADDITION
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 110013315616
Alias Type: EPA (FRS #)
Alias Name: 304235
Alias Type: Project Code (Site Code)
Alias Name: 19820041
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: 04/20/2001
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

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:

Facility ID: 19820041
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304235
Assembly: 53
Senate: 30

ASCOT AVENUE ES ADDITION (Continued) **S118756576**

Special Program Status:	Not reported
Status:	No Action Required
Status Date:	04/20/2001
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED, No Contaminants found
Confirmed COC:	NONE SPECIFIED
Potential Description:	NMA
Alias Name:	ASCOT AVENUE ELEMENTARY SCHOOL ADDITION
Alias Type:	Alternate Name
Alias Name:	LAUSD-ASCOT AVE ELEMENTARY ADDITION
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	110013315616
Alias Type:	EPA (FRS #)
Alias Name:	304235
Alias Type:	Project Code (Site Code)
Alias Name:	19820041
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:	04/20/2001
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
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

A5 Target Property **ASCOT AVENUE ELEMENTARY LOS ANGELES UNIFIED SCHOOL**
1447 EAST 45TH STREET
LOS ANGELES, CA 90011

FINDS 1016303635
ECHO N/A

Site 5 of 10 in cluster A

Actual: 197 ft.

FINDS:

Registry ID:	110013315616

ASCOT AVENUE ELEMENTARY LOS ANGELES UNIFIED SCHOOL DISTRICT (Continued) **1016303635**

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016303635
Registry ID:	110013315616
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110013315616

A6 Target Property **ASCOT AVENUE ELEMENTARY SCHOOL** **FTTS** **1009510149**
1447 E 45TH ST **HIST FTTS** **N/A**
LOS ANGELES, CA 90011

Site 6 of 10 in cluster A

Actual: 197 ft.

FTTS INSP:

Inspection Number:	200105239ST02 1
Region:	09
Inspection Date:	05/23/01
Inspector:	JPELINKA
Violation occurred:	Yes
Investigation Type:	AHERA, Enforcement, SEE Conducted
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	TSCA
Facility Function:	User

HIST FTTS INSP:

Inspection Number:	200105239ST02 1
Region:	09
Inspection Date:	Not reported
Inspector:	JPELINKA
Violation occurred:	Yes
Investigation Type:	AHERA, Enforcement, SEE Conducted
Investigation Reason:	Neutral Scheme, Region
Legislation Code:	TSCA
Facility Function:	User

7 SW < 1/8 0.002 mi. 11 ft. | **ARCO IRIS PRIMARY CENTER**
4504 ASCOT AVE
LOS ANGELES, CA 90011 | **RCRA-LQG** | **1010783787**
CAR000191403

Relative: Lower

Actual: 195 ft.

RCRA-LQG:

Date form received by agency:	04/09/2008
Facility name:	ARCO IRIS PRIMARY CENTER
Facility address:	4504 ASCOT AVE LOS ANGELES, CA 90011
EPA ID:	CAR000191403
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 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:	ARCO IRIS PRIMARY CENTER
Owner/operator address:	Not reported Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	District
Owner/Operator Type:	Operator
Owner/Op start date:	04/04/2008
Owner/Op end date:	Not reported

Owner/operator name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Owner/operator address:	333 S BEAUDRY AVE LOS ANGELES, CA 90017
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	District
Owner/Operator Type:	Owner
Owner/Op start date:	04/04/2008
Owner/Op end date:	Not reported

Handler Activities Summary:

ARCO IRIS PRIMARY CENTER (Continued) **1010783787**

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

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

A8 **ENGELBRACHT GRAUER** **EDR Hist Auto** **1009080421**
NE **1470 E VERNON AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.005 mi.
26 ft. **Site 7 of 10 in cluster A**

Relative:
Higher

EDR Hist Auto

Actual:
197 ft.

Year:	Name:	Type:
1933	ENGELBRACHT GRAUER	GASOLINE AND OIL SERVICE STATIONS

A9 **SHERWOOD FRANK** **EDR Hist Auto** **1009077579**
NE **1479 E VERNON AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.019 mi.
99 ft. **Site 8 of 10 in cluster A**

Relative:
Higher

EDR Hist Auto

Actual:
198 ft.

Year:	Name:	Type:
1924	CARTER W A	AUTOMOBILE SERVICE STATIONS
1929	SHERWOOD FRANK	GASOLINE AND OIL SERVICE STATION
1937	ENGELBRACHT GRAGER	GASOLINE AND OIL SERVICE STATIONS
1942	ENGELBRACHT C J	GASOLINE AND OIL SERVICE STATIONS

A10 NNE < 1/8 0.020 mi. 107 ft. — **C&H AUTO ELECTRIC**, **1471 E VERNON AVE**, **LOS ANGELES, CA 90011** — **EDR Hist Auto** — **1021475804** / **N/A**

Site 9 of 10 in cluster A

Relative: Higher
Actual: 198 ft.

EDR Hist Auto

Year:	Name:	Type:
1989	C&H AUTO ELECTRIC	General Automotive Repair Shops

A11 ENE < 1/8 0.024 mi. 127 ft. — **HARR J R**, **1504 E VERNON AVE**, **LOS ANGELES, CA** — **EDR Hist Cleaner** — **1009190353** / **N/A**

Site 10 of 10 in cluster A

Relative: Higher
Actual: 197 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1933	HARR J R	CLOTHES PRESSERS AND CLEANERS

---

12 ENE < 1/8 0.027 mi. 141 ft. — **PAYNE SOLLY**, **1501 E VERNON AVE**, **LOS ANGELES, CA** — **EDR Hist Auto** — **1009077890** / **N/A**

Relative: Higher
Actual: 198 ft.

EDR Hist Auto

Year:	Name:	Type:
1924	PHLEGER F B	AUTOMOBILE SERVICE STATIONS
1929	FREDS SERVICE STATION	GASOLINE AND OIL SERVICE STATION
1933	HOLTON M M	AUTOMOBILE REPAIRING
1933	PAYNE SOLLY	GASOLINE AND OIL SERVICE STATIONS
1937	PAYNE SOLLY	GASOLINE AND OIL SERVICE STATIONS
1942	PAYNE SOLLY	GASOLINE AND OIL SERVICE STATIONS

B13 SSE < 1/8 0.030 mi. 158 ft. — **ROBINETT ORVIE**, **4517 COMPTON AVE**, **LOS ANGELES, CA** — **EDR Hist Cleaner** — **1009187899** / **N/A**

Site 1 of 5 in cluster B

Relative: Lower
Actual: 195 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1924	ROBINETT ORVIE	CLOTHES CLEANERS PRESSERS AND DYERS
1929	WEFEL E J	CLOTHES PRESSERS CLEANERS AND REPAIRERS

B14
SE
< 1/8
0.031 mi.
163 ft.

WATERS W M — **EDR Hist Cleaner** — **1009187794**
4432 COMPTON AVE — **N/A**
LOS ANGELES, CA

Site 2 of 5 in cluster B

Relative:
Lower

Actual:
196 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1933	WATERS W M	CLOTHES PRESSERS AND CLEANERS

15
WNW
< 1/8
0.032 mi.
167 ft.

ALLEN ELLIS — **EDR Hist Cleaner** — **1009188134**
1375 E VERNON AVE — **N/A**
LOS ANGELES, CA

Relative:
Lower

Actual:
196 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1933	ALLEN ELLIS	CLOTHES PRESSERS AND CLEANERS

B16
SSE
< 1/8
0.036 mi.
191 ft.

WELLS GRACE MRS — **EDR Hist Cleaner** — **1009191337**
4527 COMPTON AVE — **N/A**
LOS ANGELES, CA

Site 3 of 5 in cluster B

Relative:
Lower

Actual:
194 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1937	WELLS GRACE MRS	CLOTHES PRESSERS AND CLEANERS

B17
SSE
< 1/8
0.054 mi.
287 ft.

PURDIE G E — **EDR Hist Cleaner** — **1009189297**
4528 COMPTON AVE — **N/A**
LOS ANGELES, CA

Site 4 of 5 in cluster B

Relative:
Lower

Actual:
194 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1942	PURDIE G E	LAUNDRIES HAND

18
WSW
< 1/8
0.066 mi.
351 ft.

JAMES AUTO SHOP — **EDR Hist Auto** — **1021552473**
1346 E 45TH ST — **N/A**
LOS ANGELES, CA 90011

Relative:
Lower

Actual:
195 ft.

EDR Hist Auto

Year:	Name:	Type:
2006	JAMES AUTO SHOP	General Automotive Repair Shops
2007	JAMES AUTO SHOP	General Automotive Repair Shops

JAMES AUTO SHOP (Continued) **1021552473**

2008 JAMES AUTO SHOP General Automotive Repair Shops

B19 **CAMPBELL WM** **EDR Hist Cleaner** **1009188917**
SSE **4621 COMPTON AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.072 mi.
378 ft. **Site 5 of 5 in cluster B**

Relative: EDR Hist Cleaner
Lower

	Year:	Name:	Type:
Actual: **193 ft.**	1929	CAMPBELL WM	CLOTHES PRESSERS CLEANERS AND REPAIRERS

C20 **BIAS NUAIL** **EDR Hist Cleaner** **1009191068**
SSE **4608 COMPTON AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.082 mi.
435 ft. **Site 1 of 3 in cluster C**

Relative: EDR Hist Cleaner
Lower

	Year:	Name:	Type:
Actual: **193 ft.**	1933	BIAS M C	CLOTHES PRESSERS AND CLEANERS
	1937	BIAS NUAIL	CLOTHES PRESSERS AND CLEANERS

D21 **SMITH W R** **EDR Hist Cleaner** **1009189564**
NW **4330 ASCOT AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.088 mi.
467 ft. **Site 1 of 3 in cluster D**

Relative: EDR Hist Cleaner
Higher

	Year:	Name:	Type:
Actual: **199 ft.**	1929	SMITH W R	CLOTHES PRESSERS CLEANERS AND REPAIRERS

D22 **WADE ROBT** **EDR Hist Auto** **1009084267**
NW **4316 ASCOT AVE** **N/A**
< 1/8 **LOS ANGELES, CA**
0.097 mi.
513 ft. **Site 2 of 3 in cluster D**

Relative: EDR Hist Auto
Higher

	Year:	Name:	Type:
Actual: **199 ft.**	1942	WADE ROBT	AUTOMOBILE REPAIRING

D23 NW < 1/8 0.101 mi. 532 ft. | **SIMPSON S R** | **EDR Hist Cleaner** | **1009187477**
4321 ASCOT AVE | **N/A**
LOS ANGELES, CA

Site 3 of 3 in cluster D

Relative: Higher

Actual: 199 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1924	SMITH H K	CLOTHES CLEANERS PRESSERS AND DYERS
1933	SIMPSON S R	CLOTHES PRESSERS AND CLEANERS
1937	SIMPSON S R	CLOTHES PRESSERS AND CLEANERS

C24 SSE < 1/8 0.103 mi. 546 ft. | **RESTORE NEIGHBORHOODS LA INC** | **RCRA-LQG** | **1016139879**
1530 E. 46TH STREET | **FINDS** | **CAC002672634**
LOS ANGELES, CA 90011 | **ECHO**

Site 2 of 3 in cluster C

Relative: Lower

Actual: 194 ft.

RCRA-LQG:

Date form received by agency:	03/08/2013
Facility name:	RESTORE NEIGHBORHOODS LA INC
Facility address:	1530 E. 46TH STREET LOS ANGELES, CA 90011
EPA ID:	CAC002672634
Mailing address:	W 9TH ST. SUITE 501 LOS ANGELES, CA 90015
Contact:	TIM PIASKY
Contact address:	W 9TH ST. SUITE 501 LOS ANGELES, CA 90015
Contact country:	US
Contact telephone:	(213) 270-1733
Contact email:	TPIASKY@RN-LA.ORG
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:	RESTORE NEIGHBORHOODS LA INC
Owner/operator address:	W 9TH ST. SUITE 501 LOS ANGELES, CA 90015
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Other
Owner/Operator Type:	Owner
Owner/Op start date:	06/04/2010
Owner/Op end date:	Not reported

RESTORE NEIGHBORHOODS LA INC (Continued) **1016139879**

Owner/operator name: JOHN PERFILT
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: 06/04/2010
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

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

FINDS:

Registry ID: 110055378498

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.

HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016139879
Registry ID: 110055378498
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110055378498

C25
South
< 1/8
0.114 mi.
600 ft.

RUNGE JOHN — **EDR Hist Cleaner** — **1009192100**
4701 COMPTON AVE — **N/A**
LOS ANGELES, CA

Site 3 of 3 in cluster C

Relative:
Lower

Actual:
192 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1937	RUNGE JOHN	CLOTHES PRESSERS AND CLEANERS
1986	JOHNSON & JOHNSON CLEANERS	Garment Pressing And Cleaners' Agents
1987	JOHNSON & JOHNSON CLEANERS	Garment Pressing And Cleaners' Agents
1988	JOHNSON & JOHNSON CLEANERS	Garment Pressing And Cleaners' Agents
1989	JOHNSON & JOHNSON CLEANERS	Garment Pressing And Cleaners' Agents
1990	JOHNSON & JOHNSON CLEANERS	Garment Pressing And Cleaners' Agents
1991	JOHNSON & JOHNSON CLEANERS	Garment Pressing And Cleaners' Agents
1992	JOHNSON & JOHNSON CLEANERS	Garment Pressing And Cleaners' Agents
1993	JOHNSON & JOHNSON CLEANERS	Garment Pressing And Cleaners' Agents
1994	JOHNSON & JOHNSON CLEANERS	Garment Pressing And Cleaners' Agents

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26
NNE
< 1/8
0.122 mi.
644 ft.

HOLTON BECKER — **EDR Hist Auto** — **1009079558**
4312 COMPTON AVE — **N/A**
LOS ANGELES, CA

Relative:
Higher

Actual:
200 ft.

EDR Hist Auto

Year:	Name:	Type:
1924	HOLTON BECKER	AUTOMOBILE REPAIRING
1937	HOLTON M M	AUTOMOBILE REPAIRING

27
ENE
< 1/8
0.124 mi.
653 ft.

SWINGER ROBT — **EDR Hist Cleaner** — **1009187844**
1585 E VERNON AVE — **N/A**
LOS ANGELES, CA

Relative:
Higher

Actual:
199 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1924	SWINGER ROBT	CLOTHES CLEANERS PRESSERS AND DYERS
1929	SWINGER ROBT	CLOTHES PRESSERS CLEANERS AND REPAIRERS
1933	MC KENNEY W F	CLOTHES PRESSERS AND CLEANERS
1937	SALAZAR JOS	CLOTHES PRESSERS AND CLEANERS

E28
West
< 1/8
0.124 mi.
655 ft.

AUGIMERI ANTHONY — **EDR Hist Cleaner** — **1009188551**
1303 E VERNON AVE — **N/A**
LOS ANGELES, CA

Site 1 of 7 in cluster E

Relative:
Lower

Actual:
196 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1929	FORD R L	CLOTHES PRESSERS CLEANERS AND REPAIRERS
1933	AUGIMERI ANTHONY	CLOTHES PRESSERS AND CLEANERS

AUGIMERI ANTHONY (Continued) **1009188551**

1937 AUGINIERI ANTHONY CLOTHES PRESSERS AND CLEANERS

E29 West 1/8-1/4 0.143 mi. 755 ft. **NEIGHBORHOOD SHELL** **UST** **U004266757**
1295 E VERNON AVE **N/A**
LOS ANGELES, CA 90011

Site 2 of 7 in cluster E

Relative: Lower
Actual: 196 ft.

UST:

Facility ID:	fa0030323
Permitting Agency:	Los Angeles City Fire Department
Latitude:	34.00393
Longitude:	-118.25234

E30 West 1/8-1/4 0.148 mi. 784 ft. **CITY IMPROVEMENT CO** **HIST UST** **U001560471**
1285 E VERNON **N/A**
LOS ANGELES, CA 90011

Site 3 of 7 in cluster E

Relative: Lower
Actual: 196 ft.

HIST UST:

File Number:	0002853F
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002853F.pdf
Region:	STATE
Facility ID:	00000019051
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	0000000000
Owner Name:	SHELL OIL COMPANY
Owner Address:	PO BOX 4848
Owner City,St,Zip:	ANAHEIM, CA 92803
Total Tanks:	0004
Tank Num:	001
Container Num:	1
Year Installed:	1980
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, 10
Tank Num:	002
Container Num:	2
Year Installed:	1980
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, 10
Tank Num:	003
Container Num:	3
Year Installed:	1980
Tank Capacity:	00010000

CITY IMPROVEMENT CO (Continued) **U001560471**

Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor, 10

Tank Num:	004
Container Num:	4
Year Installed:	1956
Tank Capacity:	00000550
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	12
Leak Detection:	Stock Inventor, 10

Click here for Geo Tracker PDF:

E31 West 1/8-1/4 0.148 mi. 784 ft. | **SHELL SERVICE STATION** | **RCRA-SQG** | **1006805368**
1285 E VERNON / HOOPER | **CAR000126300**
LOS ANGELES, CA 90011

Site 4 of 7 in cluster E

Relative: Lower

Actual: 196 ft.

RCRA-SQG:

Date form received by agency:	02/26/2004
Facility name:	SHELL SERVICE STATION
Facility address:	1285 E VERNON / HOOPER SAP #135478 LOS ANGELES, CA 90011
EPA ID:	CAR000126300
Mailing address:	SHELL OIL PRODUCTS US 12700 NORTHBOROUGH DR MFT240G HOUSTON, TX 770672508
Contact:	BURKE D ALBEDA
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	(310) 798-3944
Contact email:	BDALBEDA
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:	EQUILON ENTERPRISES LLC DBA
Owner/operator address:	P O BOX 2648 HOUSTON, TX 77252
Owner/operator country:	Not reported
Owner/operator telephone:	(713) 241-5036
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

SHELL SERVICE STATION (Continued) **1006805368**

Owner/operator name: EQUILON ENTERPRISES LLC
Owner/operator address: PO BOX 2648
HOUSTON, TX 77252
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 08/01/1998
Owner/Op end date: Not reported

Owner/operator name: SHELL OIL PRODUCTS US
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 08/01/1998
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: 02/26/2004
Site name: SHELL SERVICE STATION
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 08/16/2002
Site name: SHELL SERVICE STATION
Classification: Small Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D018

SHELL SERVICE STATION (Continued) **1006805368**

. Waste name: BENZENE

Violation Status: No violations found

E32 West 1/8-1/4 0.148 mi. 784 ft. | **GAS STATION 1285 E VERNON AVE LOS ANGELES, CA 90011** | **HIST UST** | **U001560474 N/A**

Site 5 of 7 in cluster E

Relative: Lower

Actual: 196 ft.

HIST UST:

File Number:	00028300
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028300.pdf
Region:	STATE
Facility ID:	00000055894
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	ANDRES LONGORIA JR.
Telephone:	2132335511
Owner Name:	SHELL OIL CO.
Owner Address:	1285 E. VERNON AVE.
Owner City,St,Zip:	LOS ANGELES, CA 90011
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	1981
Tank Capacity:	00009500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	2
Year Installed:	1981
Tank Capacity:	00009500
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	3
Year Installed:	1981
Tank Capacity:	00009500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

E33 West 1/8-1/4 0.148 mi. 784 ft. | **SHELL GAS STATION 1285 E VERNON AVE LOS ANGELES, CA 90011** | **SWEEPS UST CA FID UST** | **S101583606 N/A**

Site 6 of 7 in cluster E

Relative: Lower

Actual: 196 ft.

SWEEPS UST:

Status:	Active
Comp Number:	3119
Number:	1
Board Of Equalization:	44-000074
Referral Date:	02-25-93
Action Date:	04-19-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003119-000001
Tank Status:	A
Capacity:	9500
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	3

Status:	Active
Comp Number:	3119
Number:	1
Board Of Equalization:	44-000074
Referral Date:	02-25-93
Action Date:	04-19-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003119-000002
Tank Status:	A
Capacity:	9500
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	3119
Number:	1
Board Of Equalization:	44-000074
Referral Date:	02-25-93
Action Date:	04-19-94
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-003119-000003
Tank Status:	A
Capacity:	9500
Active Date:	04-20-88
Tank Use:	CHEMICAL
STG:	P
Content:	UNKNOWN
Number Of Tanks:	Not reported

SHELL GAS STATION (Continued) **S101583606**

CA FID UST:

Facility ID:	19004899
Regulated By:	UTNKA
Regulated ID:	00055894
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2132335511
Mail To:	Not reported
Mailing Address:	1285 E VERNON AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	LOS ANGELES 900110000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

E34 **ANDY'S SHELL** **UST** **U003970921**
West **1285 E VERNON AVE** **N/A**
1/8-1/4 **LOS ANGELES, CA 90011**
0.148 mi.
784 ft. **Site 7 of 7 in cluster E**

Relative:
Lower

Actual:
196 ft.

UST:

Facility ID:	24791
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.00391
Longitude:	-118.25238

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35 **JAMES ONE STOP SERVICE** **UST** **U003948919**
WNW **4351 W HOOVER AV** **N/A**
1/8-1/4 **LOS ANGELES, CA 90011**
0.163 mi.
863 ft.

Relative:
Higher

Actual:
197 ft.

UST:

Facility ID:	23590
Permitting Agency:	LOS ANGELES, CITY OF
Latitude:	34.005759
Longitude:	-118.286085

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36 **ESMERALDA #39;S RECYCLING** **SWRCY** **S118822783**
East **1713 E VERNON AVE** **N/A**
1/4-1/2 **LOS ANGELES, CA 90058**
0.303 mi.
1601 ft.

Relative:
Higher

Actual:
200 ft.

SWRCY:

Reg Id:	248801
Cert Id:	RC248801.001
Mailing Address:	1532 W 54th st
Mailing City:	LOS ANGELES

ESMERALDA #39;S RECYCLING (Continued) **S118822783**

Mailing State:	CA
Mailing Zip Code:	90062
Website:	Not reported
Email:	Not reported
Phone Number:	(818) 485-7923
Grand Father:	N
Rural:	N
Operation Begin Date:	07/26/2016
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Agency:	N/A
Monday Hours Of Operation:	8:00 am - 5:00 pm
Tuesday Hours Of Operation:	8:00 am - 5:00 pm
Wednesday Hours Of Operation:	8:00 am - 5:00 pm
Thursday Hours Of Operation:	8:00 am - 5:00 pm
Friday Hours Of Operation:	8:00 am - 5:00 pm
Saturday Hours Of Operation:	8:00 am - 5:00 pm
Sunday Hours Of Operation:	8:00 am - 2:00 pm
Organization ID:	237636
Organization Name:	Esmeralda #39;s Recycling

37
ESE
1/4-1/2
0.334 mi.
1763 ft.

SLAUSON RECYCLING 3
4525 STAUNTON AVE
LOS ANGELES, CA 90058

SWRCY **S105089625**
NPDES **N/A**
WDS

Relative:
Lower

Actual:
196 ft.

SWRCY:

Reg Id:	249164
Cert Id:	RC249164.001
Mailing Address:	1701 E Slauson Ave
Mailing City:	Los Angeles
Mailing State:	CA
Mailing Zip Code:	90058
Website:	Not reported
Email:	slausonrecycling1@gmail.com
Phone Number:	(323) 589-9202
Grand Father:	N
Rural:	N
Operation Begin Date:	08/15/2016
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Agency:	N/A
Monday Hours Of Operation:	7:00 am - 5:00 pm
Tuesday Hours Of Operation:	7:00 am - 5:00 pm
Wednesday Hours Of Operation:	7:00 am - 5:00 pm
Thursday Hours Of Operation:	7:00 am - 5:00 pm
Friday Hours Of Operation:	7:00 am - 5:00 pm
Saturday Hours Of Operation:	7:00 am - 5:00 pm
Sunday Hours Of Operation:	7:00 am - 4:00 pm
Organization ID:	19109
Organization Name:	Slauson Recycling

SLAUSON RECYCLING 3 (Continued) **S105089625**

NPDES:

Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	432143
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	4 19I023875
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	9/5/2013
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
RECEIVED DATE:	10/19/2012
PROCESSED DATE:	10/19/2012
STATUS CODE NAME:	Terminated
STATUS DATE:	2/18/2014
PLACE SIZE:	16000
PLACE SIZE UNIT:	SqFt
FACILITY CONTACT NAME:	Leila Rouzbhi
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	310-720-9705
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	E and J Auto Wrecking Inc
OPERATOR ADDRESS:	3715 Moore Street
OPERATOR CITY:	Los Angeles
OPERATOR STATE:	California
OPERATOR ZIP:	90066
OPERATOR CONTACT NAME:	Leila Rouzbhi
OPERATOR CONTACT TITLE:	Not reported
OPERATOR CONTACT PHONE:	310-720-9705
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported

SLAUSON RECYCLING 3 (Continued) **S105089625**

CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Y
RECEIVING WATER NAME:	River
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	5015-Motor Vehicle Parts, Used
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

WDS:

Facility ID:	4 19I003855
Facility Type:	Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	3232347110
Facility Contact:	David G. Herrera
Agency Name:	FRIENDLY NEIGHBORS
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Private
SIC Code:	5093
SIC Code 2:	5015
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as

SLAUSON RECYCLING 3 (Continued) **S105089625**

cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

F38
ENE
1/4-1/2
0.348 mi.
1838 ft.

AZTECA RUBBISH CONTROL
1742 EAST 43RD STREET
LOS ANGELES, CA 90058

SWF/LF **S111075775**
N/A

Site 1 of 2 in cluster F

Relative:
Higher

Actual:
200 ft.

LOS ANGELES CO. LF:

Site ID:	211
Alt. Address:	Not reported
Site Contact:	Not reported
Site Contact Phone:	(323) 232-0889
Site Email:	chickendorndorn@yahoo.com
Site Website:	Not reported
Site Type:	Waste Hauler
Site SWIS Number:	19-AS-0025
Beginning Operation Date:	Not reported
Ending Operation Date:	Not reported
Local Enforcement Agency:	Not reported
Maximun Depth Fill(Ft):	Not reported
Permitted Capacity:	Not reported
Present Use:	Not reported
Remaining Capacity(Million):	Not reported
Status:	Active
Waste Accepted:	Not reported
Hours of Operation:	Not reported
Disposal Area (Acre):	Not reported

Detail As Of 01/2014:

Operator Name:	Azteca Rubbish Control
Operator Address:	1742 East 43rd Street
Operator City/State/Zip:	Los Angeles, CA 90058
Operator Contact:	Juan Cordova
Operator Telephone:	(323) 232-0889
Operator Email:	chickendorndorn@yahoo.com
Owner Name:	Unknown
Owner Address:	Not reported
Owner City/State/Zip:	Not reported
Owner Contact:	Not reported
Owner Telephone:	Not reported
Owner Email:	Not reported

39 NE 1/4-1/2 0.359 mi. 1894 ft. | **PACIFIC PIONEER PLASTIC CO**
1642 E 41ST
LOS ANGELES, CA 90011 | **SEMS-ARCHIVE** | **1003878303**
CAD009687005

Relative: Higher

Actual: 206 ft.

SEMS-ARCHIVE:

Site ID:	901241
EPA ID:	CAD009687005
Federal Facility:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID:	0901241
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13287038.00000
Person ID:	13003854.00000
Contact Sequence ID:	13292633.00000
Person ID:	13003858.00000
Contact Sequence ID:	13298491.00000
Person ID:	13004003.00000

CERCLIS-NFRAP Site Alias Name(s):

Alias Name:	ESTHER ROMO (SHPEGEL) - OWNER
Alias Address:	Not reported CA

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	/ /
Date Completed:	07/01/86
Priority Level:	Not reported
Action:	ARCHIVE SITE
Date Started:	/ /
Date Completed:	03/01/87
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	07/01/86
Date Completed:	03/01/87
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information

G40 West 1/4-1/2 0.368 mi. 1945 ft. | **ARCO #5225**
4424 CENTRAL AVE S
LOS ANGELES, CA 90011

Site 1 of 3 in cluster G

LUST | **S101296941**
N/A

Relative: Lower

Actual: 193 ft.

LUST:

Region:	STATE
Global Id:	T0603700499
Latitude:	34.003292
Longitude:	-118.256097
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/24/1997
Lead Agency:	LOS ANGELES, CITY OF
Case Worker:	EL
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900110107
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T0603700499
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:	T0603700499
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

Status History:

Global Id:	T0603700499
Status:	Completed - Case Closed
Status Date:	03/24/1997

Global Id:	T0603700499
Status:	Open - Case Begin Date
Status Date:	01/24/1992

Global Id:	T0603700499
Status:	Open - Site Assessment
Status Date:	01/30/1992

ARCO #5225 (Continued) **S101296941**

Regulatory Activities:

Global Id:	T0603700499
Action Type:	Other
Date:	01/28/1992
Action:	Leak Discovery
Global Id:	T0603700499
Action Type:	Other
Date:	01/24/1992
Action:	Leak Stopped
Global Id:	T0603700499
Action Type:	Other
Date:	01/30/1992
Action:	Leak Reported

LUST REG 4:

Region:	4
Regional Board:	04
County:	Los Angeles
Facility Id:	900110107
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:	T0603700499
W Global ID:	Not reported
Staff:	UNK
Local Agency:	19050
Cross Street:	045TH ST
Enforcement Type:	Not reported
Date Leak Discovered:	1/28/1992
Date Leak First Reported:	1/30/1992
Date Leak Record Entered:	3/9/1992
Date Confirmation Began:	Not reported
Date Leak Stopped:	1/24/1992
Date Case Last Changed on Database:	3/24/1997
Date the Case was Closed:	3/24/1997
How Leak Discovered:	Inventory Control
How Leak Stopped:	Not reported
Cause of Leak:	UNK
Leak Source:	Piping
Operator:	P.S.I. #722
Water System:	Not reported
Well Name:	Not reported
Approx. Dist To Production Well (ft):	6823.193805959163012769171686 8
Source of Cleanup Funding:	Piping
Preliminary Site Assessment Workplan Submitted:	Not reported
Preliminary Site Assessment Began:	1/30/1992
Pollution Characterization Began:	Not reported
Remediation Plan Submitted:	Not reported
Remedial Action Underway:	Not reported
Post Remedial Action Monitoring Began:	Not reported

ARCO #5225 (Continued) **S101296941**

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: ARCO PRODUCTS CO.
RP Address: 4424 S CENTRAL AVE, LOS ANGELES, 90011
Program: LUST
Lat/Long: 34.0037042 / -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

G41
West
1/4-1/2
0.368 mi.
1945 ft.

ARCO #5225 **HIST CORTESE** **S103659850**
4424 CENTRAL **N/A**
LOS ANGELES, CA 90011

Site 2 of 3 in cluster G

Relative:
Lower

Actual:
193 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 900110107

G42
West
1/4-1/2
0.381 mi.
2010 ft.

CENTRAL REGION ELEMENTARY SCHOOL #21 **ENVIROSTOR SCH** **S108974319**
EAST 45TH STREET AND SOUTH CENTRAL AVENUE **N/A**
LOS ANGELES, CA 90011

Site 3 of 3 in cluster G

Relative:
Lower

Actual:
193 ft.

ENVIROSTOR:
Facility ID: 60000819
Status: Certified
Status Date: 06/03/2010
Site Code: 304591
Site Type: School Cleanup
Site Type Detailed: School
Acres: 2.74
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Ivy Osornio
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 59
Senate: 30
Special Program: Not reported

CENTRAL REGION ELEMENTARY SCHOOL #21 (Continued) **S108974319**

Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	34.0027
Longitude:	-118.2571
APN:	5108-026-007, 5108-026-008, 5108-026-011, 5108-026-012, 5108-026-013, 5108-026-014, 5108-026-023, 5108-026-029, 5108-026-033, 5108-026-034, 5108-026-035, 5108-026-900, 5108026007, 5108026008, 5108026011, 5108026012, 5108026013, 5108026014, 5108026023, 5108026029, 5108026033, 5108026034, 5108026035, 5108026900
Past Use:	DRY CLEANING, FUEL - VEHICLE STORAGE/ REFUELING, LAUNDRY SERVICES, MANUFACTURING - OTHER, RESIDENTIAL AREA, RETAIL - SERVICE STATION, VEHICLE MAINTENANCE
Potential COC:	Arsenic DDT Lead Polychlorinated biphenyls (PCBs Dieldrin
Confirmed COC:	Arsenic Lead DDT Dieldrin Polychlorinated biphenyls (PCBs
Potential Description:	SOIL, SV
Alias Name:	5108-026-007
Alias Type:	APN
Alias Name:	5108-026-008
Alias Type:	APN
Alias Name:	5108-026-011
Alias Type:	APN
Alias Name:	5108-026-012
Alias Type:	APN
Alias Name:	5108-026-013
Alias Type:	APN
Alias Name:	5108-026-014
Alias Type:	APN
Alias Name:	5108-026-023
Alias Type:	APN
Alias Name:	5108-026-029
Alias Type:	APN
Alias Name:	5108-026-033
Alias Type:	APN
Alias Name:	5108-026-034
Alias Type:	APN
Alias Name:	5108-026-035
Alias Type:	APN
Alias Name:	5108-026-900
Alias Type:	APN
Alias Name:	5108026007
Alias Type:	APN
Alias Name:	5108026008
Alias Type:	APN
Alias Name:	5108026011
Alias Type:	APN
Alias Name:	5108026012
Alias Type:	APN
Alias Name:	5108026013
Alias Type:	APN
Alias Name:	5108026014
Alias Type:	APN
Alias Name:	5108026023
Alias Type:	APN
Alias Name:	5108026029
Alias Type:	APN
Alias Name:	5108026033

CENTRAL REGION ELEMENTARY SCHOOL #21 (Continued) **S108974319**

Alias Type: APN
Alias Name: 5108026034
Alias Type: APN
Alias Name: 5108026035
Alias Type: APN
Alias Name: 5108026900
Alias Type: APN
Alias Name: 304591
Alias Type: Project Code (Site Code)
Alias Name: 60000819
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/03/2010
Comments: DTSC certified that the response action according to the DTSC-approved RAW is complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/03/2010
Comments: DTSC prepared a project close out Cost Recovery Unit Memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/09/2009
Comments: DTSC finalized the NOE concurrent with approval of the RAW for implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 08/18/2009
Comments: Rec'd signed agreement from district

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/13/2008
Comments: Phase I submitted for background information. Project Scoping document to follow

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/15/2008
Comments: DTSC approved the PEA scoping document with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/16/2008
Comments: DTSC approved the PEA with a Further Action determination

CENTRAL REGION ELEMENTARY SCHOOL #21 (Continued) **S108974319**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/10/2009
Comments: DTSC approved the RAW for implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/05/2009
Comments: DTSC approved the fact sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/24/2009
Comments: DTSC accepted the community profile.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/24/2009
Comments: DTSC approved the public notice

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/03/2010
Comments: DTSC approved the Removal Action Completion Report with a No Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 07/28/2009
Comments: signed 4.15 sent to district

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:

Facility ID: 60000819
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2.74
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP

CENTRAL REGION ELEMENTARY SCHOOL #21 (Continued) **S108974319**

Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Ivy Osornio
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304591
Assembly:	59
Senate:	30
Special Program Status:	Not reported
Status:	Certified
Status Date:	06/03/2010
Restricted Use:	NO
Funding:	School District
Latitude:	34.0027
Longitude:	-118.2571
APN:	5108-026-007, 5108-026-008, 5108-026-011, 5108-026-012, 5108-026-013, 5108-026-014, 5108-026-023, 5108-026-029, 5108-026-033, 5108-026-034, 5108-026-035, 5108-026-900, 5108026007, 5108026008, 5108026011, 5108026012, 5108026013, 5108026014, 5108026023, 5108026029, 5108026033, 5108026034, 5108026035, 5108026900
Past Use:	DRY CLEANING, FUEL - VEHICLE STORAGE/ REFUELING, LAUNDRY SERVICES, MANUFACTURING - OTHER, RESIDENTIAL AREA, RETAIL - SERVICE STATION, VEHICLE MAINTENANCE
Potential COC:	Arsenic, DDT, Lead, Polychlorinated biphenyls (PCBs, Dieldrin
Confirmed COC:	Arsenic, Lead, DDT, Dieldrin, Polychlorinated biphenyls (PCBs
Potential Description:	SOIL, SV
Alias Name:	5108-026-007
Alias Type:	APN
Alias Name:	5108-026-008
Alias Type:	APN
Alias Name:	5108-026-011
Alias Type:	APN
Alias Name:	5108-026-012
Alias Type:	APN
Alias Name:	5108-026-013
Alias Type:	APN
Alias Name:	5108-026-014
Alias Type:	APN
Alias Name:	5108-026-023
Alias Type:	APN
Alias Name:	5108-026-029
Alias Type:	APN
Alias Name:	5108-026-033
Alias Type:	APN
Alias Name:	5108-026-034
Alias Type:	APN
Alias Name:	5108-026-035
Alias Type:	APN
Alias Name:	5108-026-900
Alias Type:	APN
Alias Name:	5108026007
Alias Type:	APN
Alias Name:	5108026008
Alias Type:	APN
Alias Name:	5108026011
Alias Type:	APN
Alias Name:	5108026012
Alias Type:	APN

CENTRAL REGION ELEMENTARY SCHOOL #21 (Continued) **S108974319**

Alias Name: 5108026013
Alias Type: APN
Alias Name: 5108026014
Alias Type: APN
Alias Name: 5108026023
Alias Type: APN
Alias Name: 5108026029
Alias Type: APN
Alias Name: 5108026033
Alias Type: APN
Alias Name: 5108026034
Alias Type: APN
Alias Name: 5108026035
Alias Type: APN
Alias Name: 5108026900
Alias Type: APN
Alias Name: 304591
Alias Type: Project Code (Site Code)
Alias Name: 60000819
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/03/2010
Comments: DTSC certified that the response action according to the DTSC-approved RAW is complete

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/03/2010
Comments: DTSC prepared a project close out Cost Recovery Unit Memorandum

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/09/2009
Comments: DTSC finalized the NOE concurrent with approval of the RAW for implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 08/18/2009
Comments: Rec'd signed agreement from district

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/13/2008
Comments: Phase I submitted for background information. Project Scoping document to follow

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan

CENTRAL REGION ELEMENTARY SCHOOL #21 (Continued) **S108974319**

Completed Date: 05/15/2008
Comments: DTSC approved the PEA scoping document with comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/16/2008
Comments: DTSC approved the PEA with a Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/10/2009
Comments: DTSC approved the RAW for implementation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/05/2009
Comments: DTSC approved the fact sheet

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/24/2009
Comments: DTSC accepted the community profile.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/24/2009
Comments: DTSC approved the public notice

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/03/2010
Comments: DTSC approved the Removal Action Completion Report with a No Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 07/28/2009
Comments: signed 4.15 sent to district

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

F43 East 1/4-1/2 0.396 mi. 2090 ft. | **AZTECA ROLL OFF** | **SWF/LF** | **S117040536** | **N/A**

1768 E. 43RD ST.
LOS ANGELES (CITY), CA

Site 2 of 2 in cluster F

Relative: Higher

Actual: 200 ft.

SWF/LF (SWIS):

Region:	STATE
Facility ID:	19-AR-1260
Lat/Long:	34.0046 / -118.2411
Owner Name:	Sheila J. Greenway
Owner Telephone:	7142966099
Owner Address:	Not reported
Owner Address2:	15507 Tolbert Dr.
Owner City,St,Zip:	La Mirada, CA 90638
Operational Status:	Active
Operator:	Azteca Roll Off
Operator Phone:	3234248892
Operator Address:	Juan Cordova
Operator Address2:	1768 E. 43rd St.
Operator City,St,Zip:	Los Angeles, CA 90058
Permit Date:	05/05/2014
Permit Status:	Notification
Permitted Acreage:	$1.00
Activity:	Small Vol CDI Debris Proc. Operation
Regulation Status:	Notification
Landuse Name:	Not reported
GIS Source:	Map
Category:	Transfer/Processing
Unit Number:	01
Inspection Frequency:	Quarterly
Accepted Waste:	Construction/demolition,Inert,Wood waste
Closure Date:	Not reported
Closure Type:	Not reported
Disposal Acreage:	Not reported
SWIS Num:	19-AR-1260
Waste Discharge Requirement Num:	Not reported
Program Type:	Not reported
Permitted Throughput with Units:	25
Actual Throughput with Units:	Tons/day
Permitted Capacity with Units:	2480
Remaining Capacity:	Not reported
Remaining Capacity with Units:	Tons/year
Lat/Long:	34.0046 / -118.2411

H44 South 1/4-1/2 0.480 mi. 2533 ft. | **BIKE SHOP** | **SEMS-ARCHIVE** | **1003109111**

5201 SOUTH COMPTON AVENUE | **LEAD SMELTERS** | **CAN000905804**
LOS ANGELES, CA 90011

Site 1 of 2 in cluster H

Relative: Lower

Actual: 183 ft.

SEMS-ARCHIVE:

Site ID:	905804
EPA ID:	CAN000905804
Federal Facility:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

Lead Smelter Sites:

BIKE SHOP (Continued) **1003109111**

Site ID:	0905804
Facility Region Id:	09
Latitude:	Not reported
Longitude:	Not reported
CoC Ind:	Not reported
Contaminant Name:	Not reported
FF Ind:	N
NAI:	N
Non-Primary Site-Sub Type:	Batteries/scrap metals/secondary smelting/precious metal recovery (Recycling);Chemicals/che
NPL:	Not on the NPL
Primary Site-Sub Type:	Contaminated sediment site with no identifiable source (Other)
Special Initiative:	Not reported

H45
South
1/4-1/2
0.480 mi.
2533 ft.

Relative:
Lower

Actual:
183 ft.

BIKE SHOP **ENVIROSTOR** **U001560486**
5201 SOUTH COMPTON AVENUE **HIST UST** **N/A**
LOS ANGELES, CA 90011

Site 2 of 2 in cluster H

ENVIROSTOR:

Facility ID:	19550028
Status:	Inactive - Action Required
Status Date:	06/30/2003
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.21
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	Rita Kamat
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	33
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.99558
Longitude:	-118.2481
APN:	5104008036
Past Use:	FUEL - VEHICLE STORAGE/ REFUELING, VEHICLE MAINTENANCE
Potential COC:	* HYDROCARBON SOLVENTS * UNSPECIFIED SOLVENT MIXTURES * WASTE OIL & MIXED OIL
Confirmed COC:	NONE SPECIFIED
Potential Description:	AQUI, SOIL, SV
Alias Name:	PAISANO'S BIKE SHOP
Alias Type:	Alternate Name
Alias Name:	5104008036
Alias Type:	APN
Alias Name:	CAN000905804
Alias Type:	CERCLIS ID
Alias Name:	110009269255
Alias Type:	EPA (FRS #)
Alias Name:	19550028
Alias Type:	Envirostor ID Number

BIKE SHOP (Continued) **U001560486**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	06/30/2003
Comments:	Preliminary Assessment of Bike Shop Site for Federal EPA.
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 UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000061123
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	2132348049
Owner Name:	MYRTLE SNAPE
Owner Address:	5201 COMPTON AVENUE
Owner City,St,Zip:	LOS ANGELES, CA 90011
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000550
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported

BIKE SHOP (Continued) **U001560486**

Leak Detection: None

I46
East
1/4-1/2
0.483 mi.
2552 ft.

VERNON FUELS **LUST** **S112889922**
4321 ALAMEDA ST. S **HAZNET** **N/A**
LOS ANGELES, CA 90058

Site 1 of 2 in cluster I

Relative:
Higher

Actual:
200 ft.

LUST:

Region:	STATE
Global Id:	T10000004816
Latitude:	34.0042229344285
Longitude:	-118.239554230094
Case Type:	LUST Cleanup Site
Status:	Open - Site Assessment
Status Date:	06/06/2013
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Worker:	JR
Local Agency:	LOS ANGELES, CITY OF
RB Case Number:	900580134
LOC Case Number:	TT29385
File Location:	Not reported
Potential Media Affect:	Not reported
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Contact:

Global Id:	T10000004816
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:	T10000004816
Contact Type:	Regional Board Caseworker
Contact Name:	JAMES RYAN
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	West 4th Street, Suite 200
City:	LOS ANGELES
Email:	jamesw.ryan@waterboards.ca.gov
Phone Number:	2135766711

Global Id:	T10000004816
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

Status History:

Global Id:	T10000004816

VERNON FUELS (Continued) **S112889922**

Status: Open - Case Begin Date
Status Date: 09/01/1998

Global Id: T10000004816
Status: Open - Site Assessment
Status Date: 06/06/2013

Regulatory Activities:

Global Id: T10000004816
Action Type: RESPONSE
Date: 04/30/2016
Action: Soil and Water Investigation Workplan

Global Id: T10000004816
Action Type: ENFORCEMENT
Date: 04/27/2015
Action: Staff Letter

Global Id: T10000004816
Action Type: RESPONSE
Date: 01/15/2017
Action: Soil and Water Investigation Workplan

Global Id: T10000004816
Action Type: ENFORCEMENT
Date: 06/07/2016
Action: Staff Letter

Global Id: T10000004816
Action Type: ENFORCEMENT
Date: 01/03/2007
Action: Notice to Comply

Global Id: T10000004816
Action Type: RESPONSE
Date: 02/08/2016
Action: Other Report / Document

Global Id: T10000004816
Action Type: Other
Date: 09/01/1998
Action: Leak Discovery

Global Id: T10000004816
Action Type: ENFORCEMENT
Date: 01/08/2016
Action: Staff Letter

Global Id: T10000004816
Action Type: ENFORCEMENT
Date: 03/18/2015
Action: Referral to Regional Board

Global Id: T10000004816
Action Type: ENFORCEMENT
Date: 11/01/2016
Action: Health and Safety Code Section 25296.10(c)

VERNON FUELS (Continued) **S112889922**

Global Id:	T10000004816
Action Type:	Other
Date:	09/15/1998
Action:	Leak Reported

HAZNET:

envid:	S112889922
Year:	1998
GEPAID:	CAC001419152
Contact:	JACK EKMEKCHIAN
Telephone:	2132323663
Mailing Name:	Not reported
Mailing Address:	4321 ALAMEDA ST
Mailing City,St,Zip:	LOS ANGELES, CA 900580000
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	6.2550
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

I47 **CALDERON RECYCLING** **SWRCY** **S114472121**
East **4305 S ALAMEDA ST** **N/A**
1/4-1/2 **LOS ANGELES, CA 90058**
0.494 mi.
2608 ft. **Site 2 of 2 in cluster I**

Relative:
Higher

Actual:
201 ft.

SWRCY:

Reg Id:	195452
Cert Id:	RC195452.001
Mailing Address:	877 E 41st St
Mailing City:	Los Angeles
Mailing State:	CA
Mailing Zip Code:	90011
Website:	Not reported
Email:	bohemer19@hotmail.com
Phone Number:	(323) 592-2933
Grand Father:	N
Rural:	N
Operation Begin Date:	10/28/2013
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Agency:	N/A
Monday Hours Of Operation:	8:00 am - 5:00 pm
Tuesday Hours Of Operation:	8:00 am - 5:00 pm
Wednesday Hours Of Operation:	8:00 am - 5:00 pm
Thursday Hours Of Operation:	8:00 am - 5:00 pm
Friday Hours Of Operation:	8:00 am - 5:00 pm
Saturday Hours Of Operation:	8:00 am - 4:00 pm
Sunday Hours Of Operation:	8:00 am - 4:00 pm
Organization ID:	179851

CALDERON RECYCLING (Continued) **S114472121**

Organization Name: Calderon Recycling

48
NE
1/2-1
0.534 mi.
2821 ft.

SINGER CO LA PERIOD FURNITURE DIV
1838 E SANTA BARBARA AVE
LOS ANGELES, CA 90058

HWP **S109467266**
N/A

Relative:
Higher

Actual:
210 ft.

HWP:

EPA Id:	CAD072300072
Cleanup Status:	KNOWN GENERATORS
Latitude:	34.00990
Longitude:	-118.2407
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	Not reported
Supervisor:	Not reported
Site Code:	Not reported
Assembly District:	59
Senate District:	33
Public Information Officer:	Not reported
Public Information Officer:	Not reported

49
NE
1/2-1
0.577 mi.
3048 ft.

PIMA ALAMEDA PROPERTIES, LLC
4051 SOUTH ALAMEDA STREET
LOS ANGELES, CA 90058

ENVIROSTOR **S118353717**
VCP **N/A**

Relative:
Higher

Actual:
207 ft.

ENVIROSTOR:

Facility ID:	60002227
Status:	Active
Status Date:	08/27/2015
Site Code:	301716
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Haissam Salloum
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Assembly:	51
Senate:	25
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	0
Longitude:	0
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED

PIMA ALAMEDA PROPERTIES, LLC (Continued) **S118353717**

Alias Name:	N/A
Alias Type:	Former Project ID
Alias Name:	301716
Alias Type:	Project Code (Site Code)
Alias Name:	60002227
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	01/05/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	12/28/2015
Comments:	Approved Risk Assessment
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	09/09/2015
Comments:	VCA signed
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

VCP:

Facility ID:	60002227
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Haissam Salloum
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Site Code:	301716
Assembly:	51
Senate:	25
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	08/27/2015
Restricted Use:	NO
Funding:	Responsible Party

PIMA ALAMEDA PROPERTIES, LLC (Continued) **S118353717**

Lat/Long:	0 / 0
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	N/A
Alias Type:	Former Project ID
Alias Name:	301716
Alias Type:	Project Code (Site Code)
Alias Name:	60002227
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report
Completed Date:	01/05/2016
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Risk Assessment Report
Completed Date:	12/28/2015
Comments:	Approved Risk Assessment
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Voluntary Cleanup Agreement
Completed Date:	09/09/2015
Comments:	VCA signed
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

50
SW
1/2-1
0.601 mi.
3175 ft.

DEPENDABLE REFRIGERATION **ENVIROSTOR** **S105954467**
5201 SOUTH CENTRAL AVENUE **N/A**
LOS ANGELES, CA 90011

Relative:
Lower

Actual:
182 ft.

ENVIROSTOR:

Facility ID:	19760023
Status:	Inactive - Action Required
Status Date:	06/27/2003
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.12
NPL:	NO
Regulatory Agencies:	US EPA

DEPENDABLE REFRIGERATION (Continued) **S105954467**

Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	Rita Kamat
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	30
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.99562
Longitude:	-118.2567
APN:	5103027013
Past Use:	MACHINE SHOP, METAL RECLAMATION, PAINT/DEPAINT FACILITY, RECYCLING - OTHER
Potential COC:	* UNSPECIFIED OIL CONTAINING WASTE * UNSPECIFIED SOLVENT MIXTURES Freon 113 Tetrachloroethylene (PCE
Confirmed COC:	30022-NO 10196-NO 10198-NO 30012-NO
Potential Description:	SOIL, SV
Alias Name:	301119
Alias Type:	Not reported
Alias Name:	5103027013
Alias Type:	APN
Alias Name:	CAN000905754
Alias Type:	CERCLIS ID
Alias Name:	19760023
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:	06/27/2003
Comments:	A Preliminary Assessment was conducted for the USEPA. Dependable Refrigeration refurbished used refrigerator compressors. Further investigation was suggested for this property where gas station and auto repair activities were historically performed.
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

J51 **RENU PLATING COMPANY INC** **HIST Cal-Sites** **S101480804**
North **1531 EAST 32ND STREET** **N/A**
1/2-1 **LOS ANGELES, CA 90011**
0.612 mi.
3233 ft. **Site 1 of 3 in cluster J**

Relative:
Higher

Actual:
213 ft.

Calsite:

Region:	GLENDALE
Facility ID:	19340643
Facility Type:	RP

RENU PLATING COMPANY INC (Continued) **S101480804**

Type:	RESPONSIBLE PARTY
Branch:	SB
Branch Name:	SO CAL - CYPRESS
File Name:	Not reported
State Senate District:	06282001
Status:	ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
NPL:	Not Listed
SIC Code:	34
SIC Name:	MANU - FABRICATED METAL PRODUCTS
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Not reported
Staff Member Responsible for Site:	DZOGAIB
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	LA
Region Water Control Board Name:	LOS ANGELES
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	46
State Senate District Code:	22
Facility ID:	19340643
Activity:	DISC
Activity Name:	DISCOVERY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	02111983
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340643
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported

RENU PLATING COMPANY INC (Continued) **S101480804**

Comments Date:	11161988
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340643
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05031994
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340643
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	UNILA
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06282001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported

RENU PLATING COMPANY INC (Continued) **S101480804**

Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340643
Activity:	PEA
Activity Name:	PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	12312004
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340643
Activity:	DES
Activity Name:	DESIGN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06302006
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340643

RENU PLATING COMPANY INC (Continued) **S101480804**

Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06302007
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340643
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	12312005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340643
Activity:	RAW
Activity Name:	REMOVAL ACTION WORKPLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	06302005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported

RENU PLATING COMPANY INC (Continued) **S101480804**

Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	19340643
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	12312005
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Alternate Address:	1531 EAST 32ND STREET
Alternate City,St,Zip:	LOS ANGELES, CA 90011
Alternate Address:	1527 EAST 32ND STREET
Alternate City,St,Zip:	LOS ANGELES, CA 90011
Background Info:	Not reported
Comments Date:	09211994
Comments:	Department to conduct a PEA and/or remediate the site.
Comments Date:	10012001
Comments:	Met with RPs to discuss hiring consultant for RI.
Comments Date:	11161988
Comments:	Site Screening Done: DHS recommend NFA letting LA County
Comments Date:	11161988
Comments:	Health Department conduct any further remedial action since
Comments Date:	11161988
Comments:	the area is suitably contained.
Comments Date:	11292001
Comments:	Met with Rps to discuss funding of RI based on DTSC Scope of
Comments Date:	11292001
Comments:	Work.

RENU PLATING COMPANY INC (Continued) **S101480804**

Comments Date: 12011984
Comments: Enforcement: Referred to the City Attorney for criminal
Comments Date: 12011984
Comments: penalties.
Comments Date: 01011986
Comments: Source of Activity: IW Permit, City Sanitation, (9/80) -
Comments Date: 01011986
Comments: brass, bronze, copper, cadmium, nickel, chromium process &
Comments Date: 01011986
Comments: plating. No formal cleanup plan. Chemical consultants of
Comments Date: 01011986
Comments: the city industry analyzed/removed contaminated materials.
Comments Date: 01011986
Comments: Preliminary Assessment submitted to EPA (Cercla 104).
Comments Date: 01011988
Comments: Site listed on Cortese.
Comments Date: 02111983
Comments: Facility Identified: LA Chamber of Commerce Bus. Dir 1969.
Comments Date: 02211984
Comments: Inspection (County Health): Samples taken. High levels of
Comments Date: 02211984
Comments: CR, CD, CU, KCN, NI in soils.
Comments Date: 02211984
Comments: Violation detected (County Health): Violations for improper
Comments Date: 02211984
Comments: acid metals disposal to back lot on soil.
Comments Date: 02241995
Comments: Letter sent re-requesting for a PEA.
Comments Date: 03071983
Comments: Questionnaire sent.
Comments Date: 05031994
Comments: On March 8, 1994, the L A County Fire Department referred
Comments Date: 05031994
Comments: back the site to the Department. The RP was unwilling to
Comments Date: 05031994
Comments: obey the County directives. Due the evidence of contamina-
Comments Date: 05031994
Comments: tion onsite, the Department recommends a PEA. The Dept.
Comments Date: 05031994
Comments: notified the RP that a PEA be conducted.
Comments Date: 05091983
Comments: Facility Drive-by: Adjacent to a school. Open area paved.
Comments Date: 05091983
Comments: Some slight stains. Vegetation non-stressed.
Comments Date: 06201995
Comments: Letter sent.
Comments Date: 06282001
Comments: Unilateral I&SE Order issued.
Comments Date: 07301987
Comments: EPA E&E Federal Investigation Team found that as of 06/04/84
Comments Date: 07301987
Comments: the excavated area is not backfilled. PB and CR levels are
Comments Date: 07301987
Comments: above STLC. In July 1987, the site was fully enclosed.
Comments Date: 07301987
Comments: E&E recommends No Further Action under CERCLA.
Comments Date: 07311984

RENU PLATING COMPANY INC (Continued) **S101480804**

Comments:	Enforcement: 55-gallon drums of metal sludge hauled to BKK
Comments Date:	07311984
Comments:	by Southern CA Equipment Company.
Comments Date:	08011984
Comments:	Inspection (County Health): No formal plan.
Comments Date:	08022001
Comments:	Met with RPs to discuss I&SE Order.
Comments Date:	09011987
Comments:	Site reported for Proposition 65.
Comments Date:	09161985
Comments:	Facility Drive-by (ASAP): Photos taken.
Comments Date:	09181997
Comments:	Fourth PEA Invite letter sent.
Comments Date:	09181997
Comments:	Not reported
Comments Date:	09211994
Comments:	The Department notified the RPs that they should comply with
Comments Date:	09211994
Comments:	the LA County Fire Department's directive to put a deed
Comments Date:	09211994
Comments:	restriction or enter a Voluntary Cleanup Agreement with the
ID Name:	EPA IDENTIFICATION NUMBER
ID Value:	CAD048479497
ID Name:	CALSTARS CODE
ID Value:	301014
Alternate Name:	RENU PLATING COMPANY INC
Alternate Name:	RENU PLATING CO INC
Alternate Name:	Not reported
Special Programs Code:	C104
Special Programs Name:	CERCLA 104

J52 **RENU PLATING/NEVIN AVE. SCH.** **ENVIROSTOR** **S113000759**
North **1531 E 32ND ST** **VCP** **N/A**
1/2-1 **LOS ANGELES, CA 90011** **DEED**
0.612 mi. **HAZNET**
3233 ft. **Site 2 of 3 in cluster J** **LA Co. Site Mitigation**

Relative:
Higher

Actual:
213 ft.

ENVIROSTOR:

Facility ID:	19340643
Status:	Active
Status Date:	06/28/2001
Site Code:	301631
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.25
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Rania Zabaneh
Supervisor:	Eileen Mananian
Division Branch:	Cleanup Cypress
Assembly:	59
Senate:	33
Special Program:	Prospective Purchaser Program
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.01277

RENU PLATING/NEVIN AVE. SCH. (Continued) **S113000759**

Longitude: -118.2473
APN: 5117001009
Past Use: METAL PLATING - OTHER, VEHICLE MAINTENANCE
Potential COC: * ORGANIC LIQUIDS WITH METALS * CONTAMINATED SOIL * UNSPECIFIED ACID SOLUTION Lead Cadmium and compounds Chromium VI Cyanide (free Nickel
Confirmed COC: Cadmium and compounds 30153-NO 30160-NO Nickel * UNSPECIFIED ACID SOLUTION Lead 10061-NO * CONTAMINATED SOIL
Potential Description: SOIL
Alias Name: NEVIN PARK SITE PPA
Alias Type: Alternate Name
Alias Name: RENU PLATING CO INC
Alias Type: Alternate Name
Alias Name: 5117001009
Alias Type: APN
Alias Name: CAD048479497
Alias Type: EPA Identification Number
Alias Name: 110002647182
Alias Type: EPA (FRS #)
Alias Name: 301014
Alias Type: Project Code (Site Code)
Alias Name: 301631
Alias Type: Project Code (Site Code)
Alias Name: 19340643
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/17/2016
Comments: Annual LUC Inspection Report completed and uploaded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 06/28/2001
Comments: Unilateral I&SE Order issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/11/1983
Comments: Facility Identified: LA Chamber of Commerce Bus. Dir 1969.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/23/2009
Comments: Amendment to extend termination date of contract to 06/30/2010 fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 01/05/2015
Comments: Court judge signed Lichtbachs' consent decree.

Completed Area Name: PROJECT WIDE

RENU PLATING/NEVIN AVE. SCH. (Continued) **S113000759**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/25/2009
Comments: CFA Fully Executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 05/07/2014
Comments: Pinzon consent decree final

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/13/2009
Comments: Contract Fully Executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 12/12/2011
Comments: Lien recorded on 10/21/2011 with the County of Los Angeles.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/12/2011
Comments: Site Certified with LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/13/2009
Comments: Work Order completed and Start Work issued to Contractor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/03/1994
Comments: On March 8, 1994, the L A County Fire Department referred back the site to the Department. The RP was unwilling to obey the County directives. Due the evidence of contamina- tion onsite, the Department recommends a PEA. The Dept. notified the RP that a PEA be conducted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/16/1988
Comments: Site Screening Done: DHS recommend NFA letting LA County Health Department conduct any further remedial action since the area is suitably contained.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 02/13/2009

RENU PLATING/NEVIN AVE. SCH. (Continued) **S113000759**

Comments: DTSC accepted RI from Geomatrix as final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/08/2010
Comments: Removal Action Completion Report completed by ERRG and accepted by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 07/10/2007
Comments: Workplan was reviewed and deemed acceptable.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 01/30/2004
Comments: Accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/11/2008
Comments: Work Order # 2 issued to complete the RI/FS and RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/05/2008
Comments: Renu Contract 04-T2868 Amendment #3 Fully Executed. Amendment extends the term of the Agreement to 6/30/09.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/27/2009
Comments: RAW completed by ERRG and approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/30/2009
Comments: Fieldwork removal action completed at site.

RENU PLATING/NEVIN AVE. SCH. (Continued) **S113000759**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/30/2009
Comments: Demolition activities of RPC building done.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/07/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/05/2016
Comments: DTSC published the Public Notice (PN) in Los Angeles Sentinel and Dia A Dia Spanish newspaper. DTSC also emailed and mailed the PN to the Potentially Responsible Party (PRP) List and Mandatory Mailing list/Key contacts.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/07/2016
Comments: The PPA was public noticed and proofs of the English and Spanish Public Notice that was published in the LA Sentinel and Dia Dia newpapers are attached.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 01/14/2010
Comments: Filed with State Clearinghouse on 1/14/2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 01/07/2002
Comments: DTSC sent letter to Mario (owner).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/09/2017
Comments: DTSC finalized and emailed the Responsiveness Summary document to each person or entity that provided comments which were received by DTSC and the City of LA during the public comment period.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 09/02/2014
Comments: Morrison consent decree entered by the court on 9/2/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

RENU PLATING/NEVIN AVE. SCH. (Continued) **S113000759**

Completed Document Type:	Land Use Restriction
Completed Date:	11/02/2011
Comments:	Land Use Covenant recorded by County of Los Angeles.
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	CEQA - Initial Study/ Neg. Declaration
Future Due Date:	2017
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Prospective Purchaser Agreement
Future Due Date:	2017
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

VCP:

Facility ID:	19340643
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.25
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Rania Zabaneh
Supervisor:	Eileen Mananian
Division Branch:	Cleanup Cypress
Site Code:	301631
Assembly:	59
Senate:	33
Special Programs Code:	Prospective Purchaser Program
Status:	Active
Status Date:	06/28/2001
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	34.01277 / -118.2473
APN:	5117001009
Past Use:	METAL PLATING - OTHER, VEHICLE MAINTENANCE
Potential COC:	10061, 10097, 10193, 30013, 30108, 30153, 30160, 30407
Confirmed COC:	30108,30153-NO,30160-NO,30407,10193,30013,10061-NO,10097
Potential Description:	SOIL
Alias Name:	NEVIN PARK SITE PPA
Alias Type:	Alternate Name
Alias Name:	RENU PLATING CO INC
Alias Type:	Alternate Name
Alias Name:	5117001009
Alias Type:	APN
Alias Name:	CAD048479497
Alias Type:	EPA Identification Number
Alias Name:	110002647182
Alias Type:	EPA (FRS #)
Alias Name:	301014
Alias Type:	Project Code (Site Code)

RENU PLATING/NEVIN AVE. SCH. (Continued) **S113000759**

Alias Name: 301631
Alias Type: Project Code (Site Code)
Alias Name: 19340643
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 02/17/2016
Comments: Annual LUC Inspection Report completed and uploaded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 06/28/2001
Comments: Unilateral I&SE Order issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 02/11/1983
Comments: Facility Identified: LA Chamber of Commerce Bus. Dir 1969.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/23/2009
Comments: Amendment to extend termination date of contract to 06/30/2010 fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 01/05/2015
Comments: Court judge signed Lichtbachs' consent decree.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/25/2009
Comments: CFA Fully Executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 05/07/2014
Comments: Pinzon consent decree final

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/13/2009
Comments: Contract Fully Executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien

RENU PLATING/NEVIN AVE. SCH. (Continued) **S113000759**

Completed Date: 12/12/2011
Comments: Lien recorded on 10/21/2011 with the County of Los Angeles.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 12/12/2011
Comments: Site Certified with LUC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/13/2009
Comments: Work Order completed and Start Work issued to Contractor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/03/1994
Comments: On March 8, 1994, the L A County Fire Department referred back the site to the Department. The RP was unwilling to obey the County directives. Due the evidence of contamina- tion onsite, the Department recommends a PEA. The Dept. notified the RP that a PEA be conducted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 11/16/1988
Comments: Site Screening Done: DHS recommend NFA letting LA County Health Department conduct any further remedial action since the area is suitably contained.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 02/13/2009
Comments: DTSC accepted RI from Geomatrix as final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/08/2010
Comments: Removal Action Completion Report completed by ERRG and accepted by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 07/10/2007
Comments: Workplan was reviewed and deemed acceptable.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 01/30/2004
Comments: Accepted.

RENU PLATING/NEVIN AVE. SCH. (Continued) **S113000759**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/11/2008
Comments: Work Order # 2 issued to complete the RI/FS and RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/05/2008
Comments: Renu Contract 04-T2868 Amendment #3 Fully Executed. Amendment extends the term of the Agreement to 6/30/09.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/27/2009
Comments: RAW completed by ERRG and approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/30/2009
Comments: Fieldwork removal action completed at site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/30/2009
Comments: Demolition activities of RPC building done.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/07/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/05/2016
Comments: DTSC published the Public Notice (PN) in Los Angeles Sentinel and Dia A Dia Spanish newspaper. DTSC also emailed and mailed the PN to the Potentially Responsible Party (PRP) List and Mandatory Mailing list/Key contacts.

RENU PLATING/NEVIN AVE. SCH. (Continued) **S113000759**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/07/2016
Comments: The PPA was public noticed and proofs of the English and Spanish Public Notice that was published in the LA Sentinel and Dia Dia newpapers are attached.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 01/14/2010
Comments: Filed with State Clearinghouse on 1/14/2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 01/07/2002
Comments: DTSC sent letter to Mario (owner).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/09/2017
Comments: DTSC finalized and emailed the Responsiveness Summary document to each person or entity that provided comments which were received by DTSC and the City of LA during the public comment period.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 09/02/2014
Comments: Morrison consent decree entered by the court on 9/2/2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/02/2011
Comments: Land Use Covenant recorded by County of Los Angeles.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: CEQA - Initial Study/ Neg. Declaration
Future Due Date: 2017
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Prospective Purchaser Agreement
Future Due Date: 2017
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 19340643
Area: PROJECT WIDE

RENU PLATING/NEVIN AVE. SCH. (Continued) **S113000759**

Sub Area: Not reported
Site Type: VOLUNTARY CLEANUP
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 11/02/2011

HAZNET:

envid: S113000759
Year: 2009
GEPAID: CAD048479497
Contact: RANIA ZABANEH - DTSC PROJ MGR
Telephone: 2132327340
Mailing Name: Not reported
Mailing Address: 5796 CORPORATE AVE
Mailing City,St,Zip: CYPRESS, CA 90630
Gen County: Not reported
TSD EPA ID: CAD980675276
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 233.64
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113000759
Year: 2009
GEPAID: CAD048479497
Contact: RANIA ZABANEH - DTSC PROJ MGR
Telephone: 2132327340
Mailing Name: Not reported
Mailing Address: 5796 CORPORATE AVE
Mailing City,St,Zip: CYPRESS, CA 90630
Gen County: Not reported
TSD EPA ID: CAT000646117
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 339.84
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113000759
Year: 2003
GEPAID: CAD048479497
Contact: INACTIVE UNDELIVERABLE MAIL
Telephone: 2132327340
Mailing Name: Not reported
Mailing Address: 1531 E 32ND ST
Mailing City,St,Zip: LOS ANGELES, CA 900110000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported

RENU PLATING/NEVIN AVE. SCH. (Continued) **S113000759**

Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: 0.15
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

LA Co. Site Mitigation:
Facility ID: FA0000522
Site ID: SD0010329
Jurisdiction: Not reported
Case ID: RO0010329
Abated: Yes
Assigned To: Kim Clark
Entered Date: Not reported
Abated Date: 03/14/1994

J53 **NEVIN AVENUE ELEMENTARY SCHOOL EXPANSION** **ENVIROSTOR** **S105628496**
North **1517 EAST 32ND STREET** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90011**
0.613 mi.
3236 ft. **Site 3 of 3 in cluster J**

Relative:
Higher

Actual:
212 ft.

ENVIROSTOR:
Facility ID: 19340784
Status: Certified
Status Date: 07/02/2002
Site Code: 304327
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: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.01265
Longitude: -118.2478
APN: NONE SPECIFIED
Past Use: MANUFACTURING - METAL
Potential COC: Polychlorinated biphenyls (PCBs Lead Trichloroethylene (TCE Copper and compounds
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: NEVIN AVENUE ELEMENTARY SCHOOL EXPANSION
Alias Type: Alternate Name
Alias Name: PROPOSED NEVIN AVE ES EXPANSION PROJECT
Alias Type: Alternate Name

NEVIN AVENUE ELEMENTARY SCHOOL EXPANSION (Continued) **S105628496**

Alias Name: 110033611722
Alias Type: EPA (FRS #)
Alias Name: 304327
Alias Type: Project Code (Site Code)
Alias Name: 19340784
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * CEQA
Completed Date: 05/08/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/27/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/20/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/08/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/02/2002
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: 12/17/2002
Comments: CRU Memo

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

NEVIN AVENUE ELEMENTARY SCHOOL EXPANSION (Continued) **S105628496**

Schedule Revised Date: Not reported

SCH:

Facility ID:	19340784
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:	304327
Assembly:	53
Senate:	33
Special Program Status:	Not reported
Status:	Certified
Status Date:	07/02/2002
Restricted Use:	NO
Funding:	School District
Latitude:	34.01265
Longitude:	-118.2478
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - METAL
Potential COC:	Polychlorinated biphenyls (PCBs, Polychlorinated biphenyls (PCBs, Lead, Trichloroethylene (TCE, Copper and compounds
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	NEVIN AVENUE ELEMENTARY SCHOOL EXPANSION
Alias Type:	Alternate Name
Alias Name:	PROPOSED NEVIN AVE ES EXPANSION PROJECT
Alias Type:	Alternate Name
Alias Name:	110033611722
Alias Type:	EPA (FRS #)
Alias Name:	304327
Alias Type:	Project Code (Site Code)
Alias Name:	19340784
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* CEQA
Completed Date:	05/08/2002
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	02/27/2002
Comments:	Not reported

NEVIN AVENUE ELEMENTARY SCHOOL EXPANSION (Continued) **S105628496**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/20/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/08/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 07/02/2002
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: 12/17/2002
Comments: CRU Memo

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

54
SSW
1/2-1
0.665 mi.
3512 ft.

HOOPER/MIRAMONTE PRIMARY SCHOOL NO. 2A **ENVIROSTOR** **S107736475**
55TH STREET/HOOPER AVENUE/56TH STREET **SCH** **N/A**
LOS ANGELES, CA 90011

Relative:
Lower

Actual:
179 ft.

ENVIROSTOR:
Facility ID: 19880075
Status: Inactive - Withdrawn
Status Date: 03/20/2000
Site Code: 304158
Site Type: School Investigation
Site Type Detailed: School
Acres: 1.85
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported

HOOPER/MIRAMONTE PRIMARY SCHOOL NO. 2A (Continued) **S107736475**

Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 59
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.99297
Longitude: -118.2512
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: HOOPER/MIRAMONTE PRIMARY SCHOOL #2A
Alias Type: Alternate Name
Alias Name: LAUSD-HOOPER/MIRAMONTE PRIMARY #2A/CDE
Alias Type: Alternate Name
Alias Name: LAUSD-HOOPER/MIRAMONTE PRIMARY #2A/VCA
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304075
Alias Type: Project Code (Site Code)
Alias Name: 304158
Alias Type: Project Code (Site Code)
Alias Name: 19880075
Alias Type: Envirostor ID Number

Completed Info:
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

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/11/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/20/2000
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

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

HOOPER/MIRAMONTE PRIMARY SCHOOL NO. 2A (Continued) **S107736475**

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:

Facility ID:	19880075
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.85
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:	304158
Assembly:	59
Senate:	33
Special Program Status:	Not reported
Status:	Inactive - Withdrawn
Status Date:	03/20/2000
Restricted Use:	NO
Funding:	School District
Latitude:	33.99297
Longitude:	-118.2512
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	HOOPER/MIRAMONTE PRIMARY SCHOOL #2A
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOOPER/MIRAMONTE PRIMARY #2A/CDE
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOOPER/MIRAMONTE PRIMARY #2A/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304075
Alias Type:	Project Code (Site Code)
Alias Name:	304158
Alias Type:	Project Code (Site Code)
Alias Name:	19880075
Alias Type:	Envirostor ID Number

Completed Info:

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

HOOPER/MIRAMONTE PRIMARY SCHOOL NO. 2A (Continued) **S107736475**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/11/2000
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	01/20/2000
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

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

55
ENE
1/2-1
0.677 mi.
3572 ft.

COMMERCIAL DIE CASTING **ENVIROSTOR** **S118757212**
2053 EAST 38TH STREET **N/A**
VERNON, CA 90058

Relative:
Higher

Actual:
207 ft.

ENVIROSTOR:

Facility ID:	60001186
Status:	No Action Required
Status Date:	05/22/2009
Site Code:	301353
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.9
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Jessy Fierro
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Orphan Funds
Latitude:	34.00814
Longitude:	-118.2380
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - METAL, METAL FINISHING

COMMERCIAL DIE CASTING (Continued) **S118757212**

Potential COC: NONE SPECIFIED No Contaminants found
Confirmed COC: No Contaminants found
Potential Description: NMA
Alias Name: 301353
Alias Type: Project Code (Site Code)
Alias Name: 60001186
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 05/22/2009
Comments: Sampling indicated low levels of PCE, TCE and benzene.

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

56
WNW
1/2-1
0.685 mi.
3616 ft.

JEFFERSON NEW ELEMENTARY SCHOOL NO. 2
MCKINLEY AVENUE/42ND STREET
LOS ANGELES, CA 90011

ENVIROSTOR **S105628480**
SCH **N/A**

Relative:
Lower

Actual:
194 ft.

ENVIROSTOR:
Facility ID: 19010029
Status: No Further Action
Status Date: 08/06/2002
Site Code: 304269
Site Type: School Investigation
Site Type Detailed: School
Acres: 4
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: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.05227
Longitude: -118.2527
APN: NONE SPECIFIED
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: DDD DDE DDT
Confirmed COC: 30006-NO 30007-NO 30008-NO
Potential Description: SOIL

JEFFERSON NEW ELEMENTARY SCHOOL NO. 2 (Continued) **S105628480**

Alias Name: JEFFERSON NEW ELEMENTARY SCH. #2 (PROP)
Alias Type: Alternate Name
Alias Name: JEFFERSON NEW ELEMENTARY SCHOOL #2
Alias Type: Alternate Name
Alias Name: LAUSD-JEFFERSON NEW ELEMENTARY NO. 2
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304269
Alias Type: Project Code (Site Code)
Alias Name: 19010029
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 08/06/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/06/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/11/2001
Comments: Further Action determined

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 11/06/2001
Comments: PEA workplan accepted

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

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

JEFFERSON NEW ELEMENTARY SCHOOL NO. 2 (Continued) **S105628480**

Schedule Revised Date: Not reported

SCH:

Facility ID:	19010029
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	4
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:	304269
Assembly:	53
Senate:	30
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	08/06/2002
Restricted Use:	NO
Funding:	School District
Latitude:	34.05227
Longitude:	-118.2527
APN:	NONE SPECIFIED
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	DDD, DDE, DDT
Confirmed COC:	30006-NO, 30007-NO, 30008-NO
Potential Description:	SOIL
Alias Name:	JEFFERSON NEW ELEMENTARY SCH. #2 (PROP)
Alias Type:	Alternate Name
Alias Name:	JEFFERSON NEW ELEMENTARY SCHOOL #2
Alias Type:	Alternate Name
Alias Name:	LAUSD-JEFFERSON NEW ELEMENTARY NO. 2
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304269
Alias Type:	Project Code (Site Code)
Alias Name:	19010029
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/06/2002
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	11/06/2001
Comments:	Not reported

JEFFERSON NEW ELEMENTARY SCHOOL NO. 2 (Continued) **S105628480**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 05/11/2001
Comments: Further Action determined

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/29/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Workplan
Completed Date: 11/06/2001
Comments: PEA workplan accepted

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

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

57
NNW
1/2-1
0.696 mi.
3676 ft.

JEFFERSON CONTINUATION HIGH SCHOOL
33RD STREET/HOOPER AVENUE
LOS ANGELES, CA 90011

ENVIROSTOR SCH **S105840738 N/A**

Relative:
Higher

Actual:
212 ft.

ENVIROSTOR:
Facility ID: 19880053
Status: Inactive - Withdrawn
Status Date: 02/10/2000
Site Code: 304105
Site Type: School Investigation
Site Type Detailed: School
Acres: 2
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Malinowski
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 59
Senate: 30
Special Program: Not reported
Restricted Use: NO

JEFFERSON CONTINUATION HIGH SCHOOL (Continued) **S105840738**

Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.01340
Longitude: -118.2512
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: JEFFERSON CONTINUATION HIGH SCHOOL
Alias Type: Alternate Name
Alias Name: LA USD-JEFFERSON CONTINUATION HI SCH/VCA
Alias Type: Alternate Name
Alias Name: LAUSD-JEFFERSON CONT. HI SCHOOL
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 304028
Alias Type: Project Code (Site Code)
Alias Name: 304105
Alias Type: Project Code (Site Code)
Alias Name: 19880053
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 06/29/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/04/2000
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

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:

Facility ID: 19880053
Site Type: School Investigation

JEFFERSON CONTINUATION HIGH SCHOOL (Continued) **S105840738**

Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	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:	304105
Assembly:	59
Senate:	30
Special Program Status:	Not reported
Status:	Inactive - Withdrawn
Status Date:	02/10/2000
Restricted Use:	NO
Funding:	School District
Latitude:	34.01340
Longitude:	-118.2512
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	JEFFERSON CONTINUATION HIGH SCHOOL
Alias Type:	Alternate Name
Alias Name:	LA USD-JEFFERSON CONTINUATION HI SCH/VCA
Alias Type:	Alternate Name
Alias Name:	LAUSD-JEFFERSON CONT. HI SCHOOL
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304028
Alias Type:	Project Code (Site Code)
Alias Name:	304105
Alias Type:	Project Code (Site Code)
Alias Name:	19880053
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	06/29/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/04/2000
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

JEFFERSON CONTINUATION HIGH SCHOOL (Continued) **S105840738**

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

58
NNE
1/2-1
0.719 mi.
3796 ft.

LOS ANGELES FOOD CENTER
2652 LONG BEACH AVENUE
VERNON, CA 90058

ENVIROSTOR **S117038654**
VCP **N/A**

Relative:
Higher

Actual:
215 ft.

ENVIROSTOR:

Facility ID:	60001206
Status:	Active
Status Date:	07/11/2014
Site Code:	301665
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	9.3
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Jessy Fierro
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	34.0135
Longitude:	-118.2430
APN:	NONE SPECIFIED
Past Use:	FOUNDRY, MANUFACTURING - METAL
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	Berg Metal
Alias Type:	Alternate Name
Alias Name:	Gold Star
Alias Type:	Alternate Name
Alias Name:	301353
Alias Type:	Site Code - Historical
Alias Name:	301353
Alias Type:	Project Code (Site Code)
Alias Name:	301665
Alias Type:	Project Code (Site Code)
Alias Name:	60001206
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE

LOS ANGELES FOOD CENTER (Continued) **S117038654**

Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date: 05/22/2009
Comments: DTSC conducted soil and soil gas sasmpling at this property as part of a Discovery project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Work Plan
Completed Date: 10/31/2008
Comments: Workplan approved for soil and soil gas sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 11/06/2014
Comments: Site Characterization Report has been approved. Due to elevated concentrations of lead, DTSC will required a land use covenant to restrict the property to commercial/industrial use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 05/06/2016
Comments: DTSC reviewed and accepted the Soil Management Plan describing handling and disposal of impacted soil which may be encountered during installation of drainage lines and other modifications.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/31/2014
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/31/2016
Comments: DTSC cost estimate for LUC activities.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 06/24/2017
Schedule Revised Date: Not reported

LOS ANGELES FOOD CENTER (Continued) **S117038654**

VCP:

Facility ID:	60001206
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	9.3
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Jessy Fierro
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Site Code:	301665
Assembly:	59
Senate:	33
Special Programs Code:	Not reported
Status:	Active
Status Date:	07/11/2014
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	34.0135 / -118.2430
APN:	NONE SPECIFIED
Past Use:	FOUNDRY, MANUFACTURING - METAL
Potential COC:	30013
Confirmed COC:	30013
Potential Description:	SOIL
Alias Name:	Berg Metal
Alias Type:	Alternate Name
Alias Name:	Gold Star
Alias Type:	Alternate Name
Alias Name:	301353
Alias Type:	Site Code - Historical
Alias Name:	301353
Alias Type:	Project Code (Site Code)
Alias Name:	301665
Alias Type:	Project Code (Site Code)
Alias Name:	60001206
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date:	05/22/2009
Comments:	DTSC conducted soil and soil gas sasmpling at this property as part of a Discovery project.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Work Plan
Completed Date:	10/31/2008
Comments:	Workplan approved for soil and soil gas sampling.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Characterization Report

LOS ANGELES FOOD CENTER (Continued) **S117038654**

Completed Date:	11/06/2014
Comments:	Site Characterization Report has been approved. Due to elevated concentrations of lead, DTSC will required a land use covenant to restrict the property to commercial/industrial use.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Soils Management Plan
Completed Date:	05/06/2016
Comments:	DTSC reviewed and accepted the Soil Management Plan describing handling and disposal of impacted soil which may be encountered during installation of drainage lines and other modifications.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/31/2014
Comments:	Completed.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	11/12/2015
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	10/31/2016
Comments:	DTSC cost estimate for LUC activities.

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Land Use Restriction
Schedule Due Date:	06/24/2017
Schedule Revised Date:	Not reported

59
SE
1/2-1
0.742 mi.
3916 ft.

PUNCH PRESS PRODUCTS, INC./ALL BRIGHT PLTG **ENVIROSTOR** **S106102436**
1916 E. 51ST STREET **WDS** **N/A**
VERNON, CA 90058

Relative:
Lower

Actual:
191 ft.

ENVIROSTOR:

Facility ID:	71002387
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED

PUNCH PRESS PRODUCTS, INC./ALL BRIGHT PLTG (Continued) **S106102436**

Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Chatsworth
Assembly: 53
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.99634
Longitude: -118.2376
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD043089754
Alias Type: EPA Identification Number
Alias Name: 110000831146
Alias Type: EPA (FRS #)
Alias Name: 71002387
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

WDS:
Facility ID: 4 19I000335
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion: 4
Facility Telephone: 3235817151
Facility Contact: Robert Dierickx
Agency Name: PUNCH PRESS PRODUCTS INC.
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Private

PUNCH PRESS PRODUCTS, INC./ALL BRIGHT PLTG (Continued) **S106102436**

SIC Code:	3469
SIC Code 2:	3471
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Primary Waste:	STORMS
Waste Type2:	Not reported
Waste2:	Stormwater Runoff
Primary Waste Type:	Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	No reclamation requirements associated with this facility.
POTW:	The facility is not a POTW.
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or thosewho must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

60
North
1/2-1
0.776 mi.
4096 ft.

CENTRAL REGION MIDDLE SCHOOL #7 **ENVIROSTOR** **S107736110**
SOUTH COMPTON AVENUE/EAST ADAMS BOULEVARD/EAST 27TH STREET **SCH** **N/A**
LOS ANGELES, CA 90071

Relative:
Higher

Actual:
217 ft.

ENVIROSTOR:

Facility ID:	60000086
Status:	Certified
Status Date:	11/30/2009
Site Code:	304497
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	5.86
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Angela Garcia
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	59
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District

CENTRAL REGION MIDDLE SCHOOL #7 (Continued) **S107736110**

Latitude: 34.0151
Longitude: -118.2481
APN: NONE SPECIFIED
Past Use: DRY CLEANING, MANUFACTURING - INDUSTRIAL MACHINERY, VEHICLE MAINTENANCE
Potential COC: Arsenic Benzene Lead Tetrachloroethylene (PCE TPH-diesel TPH-gas Copper and compounds
Confirmed COC: Tetrachloroethylene (PCE TPH-diesel TPH-gas Copper and compounds Arsenic 30003-NO Lead
Potential Description: IA, SOIL, SV
Alias Name: LAUSD-CRMS #7 SITE 6 5640010
Alias Type: Alternate Name
Alias Name: 110033619430
Alias Type: EPA (FRS #)
Alias Name: 304497
Alias Type: Project Code (Site Code)
Alias Name: 60000086
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/03/2011
Comments: CRU Memo completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/08/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/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: 12/15/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 09/28/2007
Comments: Amended SCA Master Agreement to add this site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 04/07/2005
Comments: Concurred with SOW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTRAL REGION MIDDLE SCHOOL #7 (Continued) **S107736110**

Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/02/2005
Comments: Approved PEA for FA for metals (copper and lead), total petroleum hydrocarbons; elevated benzene and tetrachloroethene. PEA public comment period 9/22/05-10/21/05; hearing 10/06/05.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/15/2005
Comments: No letter issued. Soil sampling results for export of 8-10,000 cubic yards of soil. Document reviewed and no comments provided, added to the administrative record.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/28/2007
Comments: The Remedial Action Plan (RAP) was contingently approved for implementation. DTSC requested that LAUSD re-calculate the Johnson & Ettinger (J&E) model indoor air risk.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/19/2006
Comments: Approved SSI - Removal Action Workplan (RAW) necessary for metals, TPH and VOC's impacts.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 09/29/2006
Comments: Approved the VOC Investigation-Technical Memorandum via electronic mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 02/14/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 01/18/2008
Comments: Approved the Removal Action Workplan (RAW) to remove the metals and total petroleum hydrocarbons (TPH) impacted soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 01/19/2007
Comments: Approved the Supplemental VOC Investigation Technical Memorandum via electronic mail on January 19, 2007.

Completed Area Name: PROJECT WIDE

CENTRAL REGION MIDDLE SCHOOL #7 (Continued) **S107736110**

Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/25/2007
Comments: Issued LBP SSI approval letter with further action for the 1434 East Adams Parcel. Approximately 1213 Cubic yards of lead impacted soil was identified for removal in the SSI. The impacted LBP soil will be removed in the Remedial Action Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 08/11/2007
Comments: Received the off-site VOC investigation Technical Memorandum for additional soil gas characterization on Adams Street. The TM will be incorporated into the current RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/25/2007
Comments: Approved the Technical Memorandum via electronic mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/28/2007
Comments: Issued 4.15 letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/11/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/08/2007
Comments: The Final Fact Sheet was approved for the site. The public comment period will start on November 15, 2007 and end on December 17, 2007. The Community meeting is scheduled on November 27, 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/21/2007
Comments: Approved the public comment extension to January 7, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/20/2007
Comments: Approved the public notice for extending the public comment period. The public comment period ends on January 7, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTRAL REGION MIDDLE SCHOOL #7 (Continued) **S107736110**

Completed Document Type: Other Report
Completed Date: 06/24/2008
Comments: DTSC has reviewed the UST report and concurs the NFA recommendation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/14/2008
Comments: The Supplemental Removal Action Technical Memorandum documents the excavation, and confirmation sampling associated with 30 cubic yards of lead impacted soil on the sidewalls that were not addressed in the Remedial Action Plan (RAP) due to access issues.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 09/29/2009
Comments: DTSC approved the Removal action Competion Report with Further Action determination for short term operation and maintenance to address potential impacts from offsite .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/07/2008
Comments: Approved UST Closure Report which documented the excavation and confirmation sampling activities associated with the former 8,000 gallon UST.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/10/2008
Comments: The UST Closure Report documented the excavation and confirmation sampling activities associated with the former 550 gallon UST.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/13/2009
Comments: Technical Memorandum No. 10 documents the evaluation of potential indoor air risks due to the vapor intrusion pathway. Based on the results of implementation of SVE and a HDPE vapor liner was not necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 08/28/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/25/2009
Comments: DTSC approved the Removal Action Completion Report with a No Further Action determination

CENTRAL REGION MIDDLE SCHOOL #7 (Continued) **S107736110**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Certification
Completed Date:	11/25/2009
Comments:	DTSC certified that response action according to the DTSC-approved RAW is complete.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	CEQA - Initial Study/ Environmental Impact Report
Completed Date:	11/15/2007
Comments:	The Draft Initial Study was approved for the 30-day public comment period. The public comment period is from November 15, 2007 to December 17, 2007.

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:

Facility ID:	60000086
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	5.86
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Angela Garcia
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304497
Assembly:	59
Senate:	30
Special Program Status:	Not reported
Status:	Certified
Status Date:	11/30/2009
Restricted Use:	NO
Funding:	School District
Latitude:	34.0151
Longitude:	-118.2481
APN:	NONE SPECIFIED
Past Use:	DRY CLEANING, MANUFACTURING - INDUSTRIAL MACHINERY, VEHICLE MAINTENANCE
Potential COC:	Arsenic, Benzene, Lead, Tetrachloroethylene (PCE, TPH-diesel, TPH-gas, Copper and compounds
Confirmed COC:	Tetrachloroethylene (PCE, TPH-diesel, TPH-gas, Copper and compounds, Arsenic, 30003-NO, Lead
Potential Description:	IA, SOIL, SV

CENTRAL REGION MIDDLE SCHOOL #7 (Continued) **S107736110**

Alias Name: LAUSD-CRMS #7 SITE 6 5640010
Alias Type: Alternate Name
Alias Name: 110033619430
Alias Type: EPA (FRS #)
Alias Name: 304497
Alias Type: Project Code (Site Code)
Alias Name: 60000086
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 10/03/2011
Comments: CRU Memo completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 04/08/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/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: 12/15/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 09/28/2007
Comments: Amended SCA Master Agreement to add this site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 04/07/2005
Comments: Concurred with SOW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 12/02/2005
Comments: Approved PEA for FA for metals (copper and lead), total petroleum hydrocarbons; elevated benzene and tetrachloroethene. PEA public comment period 9/22/05-10/21/05; hearing 10/06/05.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/15/2005

CENTRAL REGION MIDDLE SCHOOL #7 (Continued) **S107736110**

Comments: No letter issued. Soil sampling results for export of 8-10,000 cubic yards of soil. Document reviewed and no comments provided, added to the administrative record.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/28/2007
Comments: The Remedial Action Plan (RAP) was contingently approved for implementation. DTSC requested that LAUSD re-calculate the Johnson & Ettinger (J&E) model indoor air risk.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 09/19/2006
Comments: Approved SSI - Removal Action Workplan (RAW) necessary for metals, TPH and VOC's impacts.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 09/29/2006
Comments: Approved the VOC Investigation-Technical Memorandum via electronic mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 02/14/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 01/18/2008
Comments: Approved the Removal Action Workplan (RAW) to remove the metals and total petroleum hydrocarbons (TPH) impacted soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 01/19/2007
Comments: Approved the Supplemental VOC Investigation Technical Memorandum via electronic mail on January 19, 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 05/25/2007
Comments: Issued LBP SSI approval letter with further action for the 1434 East Adams Parcel. Approximately 1213 Cubic yards of lead impacted soil was identified for removal in the SSI. The impacted LBP soil will be removed in the Remedial Action Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTRAL REGION MIDDLE SCHOOL #7 (Continued) **S107736110**

Completed Document Type: Supplemental Site Investigation Tech Memo
Completed Date: 08/11/2007
Comments: Received the off-site VOC investigation Technical Memorandum for additional soil gas characterization on Adams Street. The TM will be incorporated into the current RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/25/2007
Comments: Approved the Technical Memorandum via electronic mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/28/2007
Comments: Issued 4.15 letter

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 04/11/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/08/2007
Comments: The Final Fact Sheet was approved for the site. The public comment period will start on November 15, 2007 and end on December 17, 2007. The Community meeting is scheduled on November 27, 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/21/2007
Comments: Approved the public comment extension to January 7, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/20/2007
Comments: Approved the public notice for extending the public comment period. The public comment period ends on January 7, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/24/2008
Comments: DTSC has reviewed the UST report and concurs the NFA recommendation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/14/2008
Comments: The Supplemental Removal Action Technical Memorandum documents the excavation, and confirmation sampling associated with 30 cubic yards

CENTRAL REGION MIDDLE SCHOOL #7 (Continued) **S107736110**

of lead impacted soil on the sidewalls that were not addressed in the Remedial Action Plan (RAP) due to access issues.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 09/29/2009
Comments: DTSC approved the Removal action Competion Report with Further Action determination for short term operation and maintenance to address potential impacts from offsite .

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/07/2008
Comments: Approved UST Closure Report which documented the excavation and confirmation sampling activities associated with the former 8,000 gallon UST.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/10/2008
Comments: The UST Closure Report documented the excavation and confirmation sampling activities associated with the former 550 gallon UST.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/13/2009
Comments: Technical Memorandum No. 10 documents the evaluation of potential indoor air risks due to the vapor intrusion pathway. Based on the results of implementation of SVE and a HDPE vapor liner was not necessary.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 08/28/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/25/2009
Comments: DTSC approved the Removal Action Completion Report with a No Further Action determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 11/25/2009
Comments: DTSC certified that response action according to the DTSC-approved RAW is complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

CENTRAL REGION MIDDLE SCHOOL #7 (Continued) **S107736110**

Completed Document Type:	CEQA - Initial Study/ Environmental Impact Report
Completed Date:	11/15/2007
Comments:	The Draft Initial Study was approved for the 30-day public comment period. The public comment period is from November 15, 2007 to December 17, 2007.
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

K61
SSW
1/2-1
0.796 mi.
4201 ft.

HOOPER/MIRAMONTE PRIMARY SCHOOL NO. 9 **ENVIROSTOR** **S107736478**
56TH STREET/HOOPER AVENUE/57TH STREET **SCH** **N/A**
LOS ANGELES, CA 90011

Site 1 of 2 in cluster K

Relative:
Lower

Actual:
175 ft.

ENVIROSTOR:

Facility ID:	19590017
Status:	Inactive - Withdrawn
Status Date:	03/20/2000
Site Code:	304162
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	1.81
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Mark Malinowski
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	59
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.99116
Longitude:	-118.2521
APN:	NONE SPECIFIED
Past Use:	* RETIAL - MISC.
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	HOOPER/MIRAMONTE PRIMARY SCHOOL #9
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOOPER/MIRAMONTE PRIMARY #9/CDE
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOOPER/MIRAMONTE PRIMARY #9/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304079

HOOPER/MIRAMONTE PRIMARY SCHOOL NO. 9 (Continued) **S107736478**

Alias Type: Project Code (Site Code)
Alias Name: 304162
Alias Type: Project Code (Site Code)
Alias Name: 19590017
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: 02/11/2000
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: COMPLETED: PROJECT DROPPED BY LAUSD AFTER THE PHASE I DETERMINATION.

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:

Facility ID: 19590017
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.81
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: 304162
Assembly: 59
Senate: 33
Special Program Status: Not reported
Status: Inactive - Withdrawn
Status Date: 03/20/2000
Restricted Use: NO
Funding: School District

HOOPER/MIRAMONTE PRIMARY SCHOOL NO. 9 (Continued) **S107736478**

Latitude:	33.99116
Longitude:	-118.2521
APN:	NONE SPECIFIED
Past Use:	* RETIAL - MISC.
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	HOOPER/MIRAMONTE PRIMARY SCHOOL #9
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOOPER/MIRAMONTE PRIMARY #9/CDE
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOOPER/MIRAMONTE PRIMARY #9/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304079
Alias Type:	Project Code (Site Code)
Alias Name:	304162
Alias Type:	Project Code (Site Code)
Alias Name:	19590017
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:	02/11/2000
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:	COMPLETED: PROJECT DROPPED BY LAUSD AFTER THE PHASE I DETERMINATION.

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

62 ENE 1/2-1 0.796 mi. 4202 ft. | **VERNON MACHINING**
2150 E. 37TH STREET
VERNON, CA 90058 | **ENVIROSTOR** | **S118757273**
N/A

Relative: Higher

Actual: 208 ft.

ENVIROSTOR:

Facility ID:	60001859
Status:	No Action Required
Status Date:	12/30/2011
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Jessy Fierro
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.00877
Longitude:	-118.2355
APN:	NONE SPECIFIED
Past Use:	MACHINE SHOP
Potential COC:	Tetrachloroethylene (PCE
Confirmed COC:	Tetrachloroethylene (PCE
Potential Description:	NMA
Alias Name:	60001859
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date:	12/30/2011
Comments:	DTSC has determined that no additional action is neccessary at this Site.
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

L63 South 1/2-1 0.806 mi. 4254 ft. | **FOUR STAR CHEMICAL**
5701 COMPTON AVE.
LA, CA 90014 | **ENVIROSTOR** | **S105954457**
N/A

Site 1 of 2 in cluster L

Relative: Lower

Actual: 177 ft.

ENVIROSTOR:

Facility ID:	19281224
Status:	Inactive - Action Required
Status Date:	07/18/2002
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	Rita Kamat
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.99086
Longitude:	-118.2480
APN:	5104028027
Past Use:	TRANSPORTATION - WAREHOUSING, WASTE - INDUSTRIAL TREATMENT FACILITY
Potential COC:	* HALOGENATED SOLVENTS
Confirmed COC:	NONE SPECIFIED
Potential Description:	AQUI, SOIL, SV
Alias Name:	301073
Alias Type:	Not reported
Alias Name:	AMERICAN LABS AND RECOVERY
Alias Type:	Alternate Name
Alias Name:	AMERICAN LABS, INC.
Alias Type:	Alternate Name
Alias Name:	5104028027
Alias Type:	APN
Alias Name:	CAD981459175
Alias Type:	CERCLIS ID
Alias Name:	19281224
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:	07/18/2002
Comments:	PA is complete. VOC contamination at site. Further investigation recommended.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	06/22/2000
Comments:	Not reported

FOUR STAR CHEMICAL (Continued) **S105954457**

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

L64
South
1/2-1
0.806 mi.
4254 ft.

Relative:
Lower

Actual:
177 ft.

AMERICAN LABS INC
5701 S COMPTON AVE
LOS ANGELES, CA 90011

Site 2 of 2 in cluster L

SEMS **1000360700**
CORRACTS **CAD981459175**
RCRA-TSDF
ENVIROSTOR
RCRA NonGen / NLR
EMI
HWP

SEMS:

Site ID:	905760
EPA ID:	CAD981459175
Federal Facility:	N
NPL:	Not on the NPL
Non NPL Status:	SI Ongoing

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID:	0905760
EPA ID:	CAD981459175
Facility County:	LOS ANGELES
Short Name:	FOUR STAR CHEMICAL(AMERI
Congressional District:	Not reported
IFMS ID:	Not reported
SMSA Number:	Not reported
USGC Hydro Unit:	Not reported
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	Not reported
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	S
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	09
Classification:	Not reported
Site Settings Code:	Not reported
NPL Status:	Not on the NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	SI Ongoing
Non NPL Status Date:	10/19/12
Site Fips Code:	06037
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported
Site FUDS Flag:	Not reported

AMERICAN LABS INC (Continued) **1000360700**

CERCLIS Site Contact Name(s):

Contact ID:	13003854.00000
Contact Name:	Leslie Ramirez
Contact Tel:	(415) 972-3978
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

Contact ID:	13003858.00000
Contact Name:	Sharon Murray
Contact Tel:	(415) 972-4250
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

Contact ID:	13004003.00000
Contact Name:	Carl Brickner
Contact Tel:	Not reported
Contact Title:	Site Assessment Manager (SAM)
Contact Email:	Not reported

CERCLIS Site Alias Name(s):

Alias ID:	101
Alias Name:	FOUR STAR CHEMICAL
Alias Address:	5701 COMPTON AVENUE LOS ANGELES, CA 90011
Alias Comments:	Not reported

Site Description: Site has documented soil contamination with volatile organic compounds. Groundwater below the site is a source of drinking water. Extent of contamination and groundwater impacts have not been delineated. Site was former RCRA Treatment, Storage, and Disposal facility. State is issuing RCRA corrective order.

CERCLIS Assessment History:

Action Code:	001
Action:	DISCOVERY
Date Started:	/ /
Date Completed:	12/08/00
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

Action Code:	001
Action:	PRE-CERCLIS SCREENING
Date Started:	/ /
Date Completed:	12/08/00
Priority Level:	Not reported
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

AMERICAN LABS INC (Continued) **1000360700**

Action Code:	001
Action:	PRELIMINARY ASSESSMENT
Date Started:	09/26/01
Date Completed:	07/18/02
Priority Level:	Deferred to RCRA (Subtitle C)
Operable Unit:	SITEWIDE
Primary Responsibility:	EPA Fund-Financed
Planning Status:	Not reported
Urgency Indicator:	Not reported
Action Anomaly:	Not reported

CORRACTS:

EPA ID:	CAD981459175
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	20000614
Action:	CA150 - RFI Workplan Approved
NAICS Code(s):	325613 32411 Surface Active Agent Manufacturing Petroleum Refineries
Original schedule date:	Not reported
Schedule end date:	Not reported

EPA ID:	CAD981459175
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	20011030
Action:	CA100 - RFI Imposition
NAICS Code(s):	325613 32411 Surface Active Agent Manufacturing Petroleum Refineries
Original schedule date:	Not reported
Schedule end date:	Not reported

RCRA-TSDF:

Date form received by agency:	06/27/1995
Facility name:	AMERICAN LABS INC
Facility address:	5701 S COMPTON AVE LOS ANGELES, CA 90011
EPA ID:	CAD981459175
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:	Facility is not located on Indian land. Additional information is not known.
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

AMERICAN LABS INC (Continued) **1000360700**

Owner/Operator Summary:

Owner/operator name:	AMERICAN LABS INC
Owner/operator address:	5701 S COMPTON LOS ANGELES, CA 90011
Owner/operator country:	Not reported
Owner/operator telephone:	(213) 588-7161
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	JERRY ULRICH
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	(415) 555-1212
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

Historical Generators:

Date form received by agency:	04/03/1986
Site name:	AMERICAN LABS INC
Classification:	Not a generator, verified

Corrective Action Summary:

Event date:	06/14/2000
Event:	RFI Workplan Approved
Event date:	10/30/2001
Event:	RFI Imposition
Event date:	Not reported
Event:	RFI Imposition

Facility Has Received Notices of Violations:

Regulation violated:	F - 262.50-60

AMERICAN LABS INC (Continued) **1000360700**

Area of violation: Generators - General
Date violation determined: 12/02/1996
Date achieved compliance: 03/25/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.30-34.C
Area of violation: Generators - General
Date violation determined: 12/02/1996
Date achieved compliance: 03/25/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/02/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 08/29/1990
Date achieved compliance: 01/01/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/01/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 08/20/1990
Date achieved compliance: 01/01/1991
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/28/1990
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/02/1996

AMERICAN LABS INC (Continued) **1000360700**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/25/1997
Evaluation lead agency: State

Evaluation date: 08/29/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 01/01/1991
Evaluation lead agency: State

Evaluation date: 08/20/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/01/1991
Evaluation lead agency: State

ENVIROSTOR:
Facility ID: 80001478
Status: Active
Status Date: 09/09/2014
Site Code: 300517
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0.7
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: WM
Program Manager: Maria Fabella
Supervisor: Philip Chandler
Division Branch: Cleanup Chatsworth
Assembly: 59
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.99088
Longitude: -118.2480
APN: 5104028027
Past Use: ABOVE GROUND STORAGE TANKS
Potential COC: Benzene Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA
Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA
Trichloroethylene (TCE
Potential Description: IA, OTH, SOIL, SV
Alias Name: Four Star Chemical
Alias Type: Alternate Name
Alias Name: 5104028027
Alias Type: APN
Alias Name: CAD981459175
Alias Type: EPA Identification Number
Alias Name: 300517
Alias Type: Project Code (Site Code)
Alias Name: 80001478
Alias Type: Envirostor ID Number

Completed Info:

AMERICAN LABS INC (Continued) **1000360700**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 01/12/1996
Comments: Notice of Determination issued on 1/12/1996

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 02/10/2005
Comments: Letter issued on 2/10/2005

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 01/21/2005
Comments: Letter issued on 1/21/2005

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/15/2003
Comments: Letter issued on 1/15/2003

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/27/1994
Comments: Letter Review issued on 12/27/1994

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 11/29/1995
Comments: Letter issued on 11/29/1995

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/16/2000
Comments: Letter was issued on October 16, 2000

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 06/30/2005
Comments: Letter issued on 6/30/2005

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/30/2004
Comments: Memorandum issued on 6/30/2004

Completed Area Name: Sites With No Operable Unit
Completed Sub Area Name: Entire Area
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)

AMERICAN LABS INC (Continued) **1000360700**

Completed Date: 09/28/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2014
Comments: Sent

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/21/2005
Comments: Document issued on December 21, 2005

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/19/2003
Comments: Letter issued on 5/19/2003

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/30/2005
Comments: Memorandum issued on 6/30/2005

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/09/2007
Comments: Letter issued on 7/9/2007

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 11/01/2005
Comments: Letter issued on November 1, 2005

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 09/18/1995
Comments: HARP presite visit form issued on 9/18/1995

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/17/2001
Comments: Letter issued on 12/17/2001

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 10/30/2001
Comments: Enforcement Order issued on October 30, 2001

AMERICAN LABS INC (Continued) **1000360700**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 06/16/1998
Comments: HARP issued on 6/16/1998

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 08/29/1990
Comments: HARP was prepared on 8/29/1990

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 08/29/1990
Comments: Document issued on 8/29/1990

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 10/01/1990
Comments: Report of Violation issued on 10/1/1990

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 12/27/1991
Comments: Letter issued on 12/27/1991

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/28/1993
Comments: Letter issued on 4/28/1993

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 12/05/1995
Comments: Notice for Negative Declaration issued on 12/5/1995

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 10/12/2000
Comments: Document issued on 10/12/2000

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/12/2002
Comments: Letter issued on 2/12/2002

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support

AMERICAN LABS INC (Continued) **1000360700**

Completed Date: 03/13/2002
Comments: Letter issued on 3/13/2002

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Agreement
Completed Date: 03/02/2005
Comments: Consent Agreement was fully executed on March 2, 2005

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/15/1993
Comments: Letter issued on 11/15/1993

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 01/02/1996
Comments: Letter issued on 1/2/1996

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 01/12/1996
Comments: Notice Declaration completed on 1/12/1996

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/07/2014
Comments: Done

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/17/1981
Comments: Letter issued on March 17, 1981

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 07/15/2000
Comments: Document was issued on 7/15/2000

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 07/11/1988
Comments: Letter issued on 7/11/1988

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/12/1988
Comments: Letter issued on 7/12/1988

AMERICAN LABS INC (Continued) **1000360700**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/11/1988
Comments: Letter issued on 8/11/1988

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 06/29/1988
Comments: Meeting held on 6/29/1988

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 12/06/2005
Comments: Document issued on December 6, 2005

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 10/16/2001
Comments: Document issued on October 16, 2001

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/10/1996
Comments: Letter issued by RP's contractor on 4/10/1996

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Judgement
Completed Date: 01/31/2006
Comments: Document issued on January 31, 2006

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/13/1997
Comments: Letter issued on 1/12/1997

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/19/2005
Comments: Letter issued on 1/19/2005

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 09/22/2004
Comments: Document prepared on 9/22/2004

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Judgement

AMERICAN LABS INC (Continued) **1000360700**

Completed Date: 02/17/2006
Comments: Document issued on February 17, 2006

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Judicial Order
Completed Date: 03/24/2006
Comments: Order issued on February 17, 2006

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 04/10/2003
Comments: Status Report issued on 4/10/2003

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/02/1987
Comments: Letter issued on 10/2/1987

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 06/30/2006
Comments: Letter issued on 6/30/2006

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 04/12/2002
Comments: Letter issued on 4/12/2002

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 03/20/2006
Comments: Memorandum issued on 3/20/2006

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Environmental Impact Report
Completed Date: 12/18/1995
Comments: Letter issued on 12/18/1995

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 03/07/2006
Comments: Notification Letter issued on 3/7/2006

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 03/05/2002
Comments: Document issued on 3/5/2002

AMERICAN LABS INC (Continued) **1000360700**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/04/1987
Comments: Letter issued on 2/4/1987

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 03/24/2006
Comments: Memorandum issued on 3/24/2006

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/01/2001
Comments: Figure indicating proposed soil vapor well locations

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2001
Comments: Results were submitted to DTSC on October 5, 2001

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/13/1985
Comments: Document issued on 11/13/1985

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/01/1987
Comments: Document issued on 1/1/1987

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/10/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/28/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/30/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report

AMERICAN LABS INC (Continued) **1000360700**

Completed Date: 11/24/1987
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/01/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/02/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/16/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/22/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/22/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/28/1988
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 08/28/1990
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 03/24/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/20/1995
Comments: Not reported

AMERICAN LABS INC (Continued) **1000360700**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/17/1997
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 06/14/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/29/2000
Comments: Document issued on 09/29/2000

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/11/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/17/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/25/2001
Comments: Sample analysis requested on 7/25/2001

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/09/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/14/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/17/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report

AMERICAN LABS INC (Continued) **1000360700**

Completed Date: 08/16/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/23/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/05/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/25/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/18/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/05/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/14/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 11/01/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 04/01/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 07/22/2003
Comments: Not reported

AMERICAN LABS INC (Continued) **1000360700**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/10/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/01/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/04/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/02/2004
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/22/2000
Comments: American Labs was identified in the Site Screening Report as Four Star Chemicals (Section 1.1 Site Information/Site Name)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/20/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/19/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/13/2001
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedy Selection and Statement of Basis
Future Due Date: 2019
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Corrective Action Completion Determination
Future Due Date: 2021

AMERICAN LABS INC (Continued) **1000360700**

Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	CEQA - Initial Study/ Neg. Declaration
Future Due Date:	2017
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2021
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Interim Measures Workplan
Future Due Date:	2018
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Fact Sheets
Future Due Date:	2018
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Public Notice
Future Due Date:	2017
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Public Participation Plan / Community Relations Plan
Future Due Date:	2018
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Corrective Measures Study Report
Future Due Date:	2019
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Corrective Measure Implementation Workplan
Future Due Date:	2020
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

EMI:

Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	45493
Air District Name:	SC
SIC Code:	2842
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
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

Year:	1990

AMERICAN LABS INC (Continued) **1000360700**

County Code:	19
Air Basin:	SC
Facility ID:	45493
Air District Name:	SC
SIC Code:	1629
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

HWP:

EPA Id:	CAD981459175
Cleanup Status:	UNDERGOING CLOSURE
Latitude:	33.99116
Longitude:	-118.2477
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	*OTHER
Supervisor:	Not reported
Site Code:	300517
Assembly District:	59
Senate District:	33
Public Information Officer:	Not reported
Public Information Officer:	Not reported

Activities:

EPA Id:	CAD981459175
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR1
Event Description:	New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST RECEIVED
Actual Date:	10/22/1990

EPA Id:	CAD981459175
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR1
Event Description:	New Operating Permit - FINAL PERMIT - WITHDRAWAL REQUEST ACKNOWLEDGED
Actual Date:	10/22/1990

EPA Id:	CAD981459175
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR1
Event Description:	New Operating Permit - APPLICATION PART A RECEIVED
Actual Date:	11/20/1980

Closure:

EPA Id:	CAD981459175
Facility Type:	Historical - Non-Operating
Unit Names:	TANKSTR1
Event Description:	Closure - PUBLIC COMMENT (BEGIN)
Actual Date:	11/30/1995

AMERICAN LABS INC (Continued) **1000360700**

EPA Id: CAD981459175
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: Closure - CLOSURE PLAN RECEIVED
Actual Date: 10/22/1990

EPA Id: CAD981459175
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: Closure - PUBLIC COMMENT (END)
Actual Date: 11/30/1995

EPA Id: CAD981459175
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: Closure - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 12/27/1994

EPA Id: CAD981459175
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY
Actual Date: 10/07/2013

EPA Id: CAD981459175
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1
Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 08/06/2013

Alias:
EPA Id: CAD981459175
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 300517

EPA Id: CAD981459175
Facility Type: Historical - Non-Operating
Alias Type: Alternate Name
Alias: Four Star Chemical

EPA Id: CAD981459175
Facility Type: Historical - Non-Operating
Alias Type: Alternate Name
Alias: Triple Image

K65 **NAVARRO PROPERTY** **RESPONSE** **S107736859**
SSW **1250-1256 EAST 57TH STREET** **ENVIROSTOR** **N/A**
1/2-1 **LOS ANGELES, CA 90011** **LIENS**
0.820 mi.
4332 ft. **Site 2 of 2 in cluster K**

Relative:
Lower

Actual:
175 ft.

RESPONSE:
Facility ID: 70000049
Site Type: State Response
Site Type Detail: State Response or NPL

NAVARRO PROPERTY (Continued) **S107736859**

Acres:	0.25
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Jessy Fierro
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Site Code:	301258
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	59
Senate:	33
Special Program Status:	EPA - Target Site Investigation
Status:	Certified
Status Date:	05/23/2007
Restricted Use:	NO
Funding:	Orphan Funds
Latitude:	33.99085
Longitude:	-118.2529
APN:	5104-026-005, 5104-026-006, 5104026005, 5104026006
Past Use:	METAL PLATING - OTHER
Potential COC :	Arsenic Total Chromium (1:6 ratio Cr VI:Cr III Lead Iron Nickel Zinc
Confirmed COC:	Iron Nickel Arsenic Total Chromium (1:6 ratio Cr VI:Cr III Lead Zinc
Potential Description:	SOIL
Alias Name:	5104-026-005
Alias Type:	APN
Alias Name:	5104-026-006
Alias Type:	APN
Alias Name:	5104026005
Alias Type:	APN
Alias Name:	5104026006
Alias Type:	APN
Alias Name:	CAN000905753
Alias Type:	CERCLIS ID
Alias Name:	110033611358
Alias Type:	EPA (FRS #)
Alias Name:	301258
Alias Type:	Project Code (Site Code)
Alias Name:	70000049
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:	06/15/2006
Comments:	The PEA sampling results indicated elevated levels of metals and VOCs. DTCS has prepared a Time Critical Removal Action Workplan to adress the contamination.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Time Critical Removal Action Workplan
Completed Date:	07/17/2006
Comments:	The TCRAW, prepared by DTSC, describes the removal of metals contamination soil for residential cleanup levels. The Removal Activities are planned for July 24 - August 11.
Completed Area Name:	PROJECT WIDE

NAVARRO PROPERTY (Continued) **S107736859**

Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/13/2006
Comments: DTSC Contractors completed the removal of contaminated soil and grading in the Site and alleyway.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/13/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/23/2007
Comments: Approximately 841 tons of metals contaminated soil was removed from the site. Based on confirmation samplings and a risk evaluation, DTSC considers this site acceptable for residential use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/13/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/30/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 03/20/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/15/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 03/31/2004
Comments: Based on historical operating information, site inspection and XRF data, DTSC recommended further action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/19/2006
Comments: Not reported

NAVARRO PROPERTY (Continued) **S107736859**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 01/31/2007
Comments: Lien recorded with L.A.County for Removal Action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/17/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/01/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/23/2007
Comments: The Removal Action conducted at the Site and adjacent residences has been completed. A total of 841 tons of contaminated soil has been removed from the site. Based on the data from the confirmation sampling, the site has been deemed appropriate for residential use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/01/2006
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

ENVIROSTOR:
Facility ID: 70000049
Status: Certified
Status Date: 05/23/2007
Site Code: 301258
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.25
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Jessy Fierro
Supervisor: Juli Propes
Division Branch: Cleanup Chatsworth

NAVARRO PROPERTY (Continued) **S107736859**

Assembly:	59
Senate:	33
Special Program:	EPA - Target Site Investigation
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Orphan Funds
Latitude:	33.99085
Longitude:	-118.2529
APN:	5104-026-005, 5104-026-006, 5104026005, 5104026006
Past Use:	METAL PLATING - OTHER
Potential COC:	Arsenic Total Chromium (1:6 ratio Cr VI:Cr III Lead Iron Nickel Zinc
Confirmed COC:	Iron Nickel Arsenic Total Chromium (1:6 ratio Cr VI:Cr III Lead Zinc
Potential Description:	SOIL
Alias Name:	5104-026-005
Alias Type:	APN
Alias Name:	5104-026-006
Alias Type:	APN
Alias Name:	5104026005
Alias Type:	APN
Alias Name:	5104026006
Alias Type:	APN
Alias Name:	CAN000905753
Alias Type:	CERCLIS ID
Alias Name:	110033611358
Alias Type:	EPA (FRS #)
Alias Name:	301258
Alias Type:	Project Code (Site Code)
Alias Name:	70000049
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:	06/15/2006
Comments:	The PEA sampling results indicated elevated levels of metals and VOCs. DTCS has prepared a Time Critical Removal Action Workplan to adress the contamination.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Time Critical Removal Action Workplan
Completed Date:	07/17/2006
Comments:	The TCRAW, prepared by DTSC, describes the removal of metals contamination soil for residential cleanup levels. The Removal Activities are planned for July 24 - August 11.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	09/13/2006
Comments:	DTSC Contractors completed the removal of contaminated soil and grading in the Site and alleyway.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fact Sheets
Completed Date:	07/13/2006

NAVARRO PROPERTY (Continued) **S107736859**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/23/2007
Comments: Approximately 841 tons of metals contaminated soil was removed from the site. Based on confirmation samplings and a risk evaluation, DTSC considers this site acceptable for residential use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/13/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/30/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 03/20/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/15/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 03/31/2004
Comments: Based on historical operating information, site inspection and XRF data, DTSC recommended further action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/19/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 01/31/2007
Comments: Lien recorded with L.A.County for Removal Action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/17/2006

NAVARRO PROPERTY (Continued) **S107736859**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/01/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/23/2007
Comments: The Removal Action conducted at the Site and adjacent residences has been completed. A total of 841 tons of contaminated soil has been removed from the site. Based on the data from the confirmation sampling, the site has been deemed appropriate for residential use.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/01/2006
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

LIENS:
Envirostor Id: 70000049
Latitude: 33.990855
Longitude: -118.25292
Project Mgr: JESSY FIERRO
Project Code: 301258
If Satisfied: NO
Date Satisfied: Not reported
Site Status: CERTIFIED
Site Type: STATE RESPONSE OR NPL
Completed: 01/31/2007
Lien Amount: $371,200
Amount Remaining: Not reported
Description: Historic records indicate that a wire works and an iron and wire warehouse operated at the site from at least 1922 through the 1960s. The Site building was most recently used for nickel, copper, and chromium plating operations from the 1960s through 1990. The US-EPA Emergency Response Section performed a Site inspection and enforcement sampling on April 13, 2004 and a surface soils assessment on April 22, 2004. Removal activities were initiated on June 10 and were completed on June 16, 2004. Removal activities included removal of all wastes and containers from the building, removal of empty drums from the side yard on the east side of the building, removal of four to six inches of soil from the northern portion of the property,

NAVARRO PROPERTY (Continued) **S107736859**

removal of a four-foot-square slab of concrete in the building, removal of any compromised concrete flooring in the plating area and sweeping of the floors. The site has been secured by chain-link fencing during the investigation and remediation phase. DTSC's investigation revealed elevated levels of metals: chromium ranging from 591 mg/kg to 49,700 mg/kg, copper from 1,065 mg/kg to 84,900 mg/kg, iron from 20,400 mg/kg to 108,000 mg/kg, lead ranging from 395 mg/kg to 3,715 mg/kg, nickel from 410 mg/kg to 44,500 mg/kg.

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66 East 1/2-1 0.827 mi. 4368 ft. **FLOWSERVE CORPORATION**
2300 EAST VERNON AVE
VERNON, CA 90058

ENVIROSTOR **S105664690**
CHMIRS **N/A**
NPDES

Relative: Higher

Actual: 200 ft.

ENVIROSTOR:

Facility ID:	60001533
Status:	Active
Status Date:	01/15/2014
Site Code:	301538
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	11
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Pete Cooke
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	33
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	34.00292
Longitude:	-118.2334
APN:	6308-012-022
Past Use:	MANUFACTURING - INDUSTRIAL MACHINERY
Potential COC:	Mercury (elemental Polychlorinated biphenyls (PCBs Radioactive Isotopes Tetrachloroethylene (PCE Trichloroethylene (TCE
Confirmed COC:	30014-NO 30020-NO 30022-NO 30027-NO 30018-NO
Potential Description:	IA, OTH, SOIL, SV
Alias Name:	Byron Jackson Pumps
Alias Type:	Alternate Name
Alias Name:	6308-012-022
Alias Type:	APN
Alias Name:	CAN000909370
Alias Type:	CERCLIS ID
Alias Name:	CAD001930981
Alias Type:	EPA Identification Number
Alias Name:	301538
Alias Type:	Project Code (Site Code)
Alias Name:	60001533
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE

FLOWSERVE CORPORATION (Continued) **S105664690**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/10/2016
Comments: Percolation sumps at property noted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PA/SI Site Screening
Completed Date: 08/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/03/2014
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/13/2014
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/11/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/28/2012
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/02/2014
Comments: completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/03/2014
Comments: completed

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

FLOWSERVE CORPORATION (Continued) **S105664690**

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

CHMIRS:

OES Incident Number:	0-5226
OES notification:	11/08/2000
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2000
Agency:	Floserve
Incident Date:	11/8/200012:00:00 AM
Admin Agency:	Vernon Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Industrial Plant
E Date:	Not reported
Substance:	mercury
Gallons:	0.000000
Ounces:	1

FLOWSERVE CORPORATION (Continued) **S105664690**

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:	unknown cause and source on asphalt on a 10'x10' sq area

NPDES:

Npdes Number:	CAS000001
Facility Status:	Active
Agency Id:	0
Region:	4
Regulatory Measure Id:	189880
Order No:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place Id:	Not reported
WDID:	4 19I009855
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/23/1993
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	FLOWSERVE
Discharge Address:	5215 N O Connor Blvd Suite 2300
Discharge City:	Irving
Discharge State:	Texas
Discharge Zip:	75039
RECEIVED DATE:	Not reported
PROCESSED DATE:	Not reported
STATUS CODE NAME:	Not reported
STATUS DATE:	Not reported
PLACE SIZE:	Not reported
PLACE SIZE UNIT:	Not reported
FACILITY CONTACT NAME:	Not reported
FACILITY CONTACT TITLE:	Not reported
FACILITY CONTACT PHONE:	Not reported
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	Not reported
OPERATOR ADDRESS:	Not reported
OPERATOR CITY:	Not reported
OPERATOR STATE:	Not reported
OPERATOR ZIP:	Not reported
OPERATOR CONTACT NAME:	Not reported
OPERATOR CONTACT TITLE:	Not reported

FLOWSERVE CORPORATION (Continued) **S105664690**

OPERATOR CONTACT PHONE:	Not reported
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Not reported
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	Not reported
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	Not reported
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	Not reported
RECEIVING WATER NAME:	Not reported
CERTIFIER NAME:	Not reported
CERTIFIER TITLE:	Not reported
CERTIFICATION DATE:	Not reported
PRIMARY SIC:	Not reported
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported
Npdes Number:	Not reported
Facility Status:	Not reported
Agency Id:	Not reported
Region:	4
Regulatory Measure Id:	189880
Order No:	Not reported
Regulatory Measure Type:	Industrial
Place Id:	Not reported
WDID:	4 19I009855
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported

FLOWSERVE CORPORATION (Continued) **S105664690**

Discharge Zip:	Not reported
RECEIVED DATE:	5/9/2008
PROCESSED DATE:	3/23/1993
STATUS CODE NAME:	Active
STATUS DATE:	6/8/2011
PLACE SIZE:	12.2
PLACE SIZE UNIT:	Acres
FACILITY CONTACT NAME:	Robert Borchert
FACILITY CONTACT TITLE:	Manager Safety Env
FACILITY CONTACT PHONE:	323-586-4059
FACILITY CONTACT PHONE EXT:	Not reported
FACILITY CONTACT EMAIL:	Not reported
OPERATOR NAME:	FLOWSERVE
OPERATOR ADDRESS:	5215 N O Connor Blvd Suite 2300
OPERATOR CITY:	Irving
OPERATOR STATE:	Texas
OPERATOR ZIP:	75039
OPERATOR CONTACT NAME:	Robert Borchert
OPERATOR CONTACT TITLE:	Manger Safety Env
OPERATOR CONTACT PHONE:	323-586-4059
OPERATOR CONTACT PHONE EXT:	Not reported
OPERATOR CONTACT EMAIL:	Not reported
OPERATOR TYPE:	Private Business
DEVELOPER NAME:	Not reported
DEVELOPER ADDRESS:	Not reported
DEVELOPER CITY:	Not reported
DEVELOPER STATE:	California
DEVELOPER ZIP:	Not reported
DEVELOPER CONTACT NAME:	Not reported
DEVELOPER CONTACT TITLE:	Not reported
CONSTYPE LINEAR UTILITY IND:	Not reported
EMERGENCY PHONE NO:	323-587-6171
EMERGENCY PHONE EXT:	Not reported
CONSTYPE ABOVE GROUND IND:	Not reported
CONSTYPE BELOW GROUND IND:	Not reported
CONSTYPE CABLE LINE IND:	Not reported
CONSTYPE COMM LINE IND:	Not reported
CONSTYPE COMMERTIAL IND:	Not reported
CONSTYPE ELECTRICAL LINE IND:	Not reported
CONSTYPE GAS LINE IND:	Not reported
CONSTYPE INDUSTRIAL IND:	Not reported
CONSTYPE OTHER DESRIPTION:	Not reported
CONSTYPE OTHER IND:	Not reported
CONSTYPE RECONS IND:	Not reported
CONSTYPE RESIDENTIAL IND:	Not reported
CONSTYPE TRANSPORT IND:	Not reported
CONSTYPE UTILITY DESCRIPTION:	Not reported
CONSTYPE UTILITY IND:	Not reported
CONSTYPE WATER SEWER IND:	Not reported
DIR DISCHARGE USWATER IND:	N
RECEIVING WATER NAME:	Los Angeles River
CERTIFIER NAME:	Robert Borchert
CERTIFIER TITLE:	SHEA Manager
CERTIFICATION DATE:	05-AUG-15
PRIMARY SIC:	3561-Pumps and Pumping Equipment
SECONDARY SIC:	Not reported
TERTIARY SIC:	Not reported

67 WSW 1/2-1 0.846 mi. 4468 ft. | **HOOPER/MIRAMONTE PRIMARY SCHOOL NO. 6**
48TH STREET/AVALON AVENUE/49TH STREET
LOS ANGELES, CA 90011 | **ENVIROSTOR SCH** | **S105840725**
N/A

Relative: Lower

Actual: 181 ft.

ENVIROSTOR:

Facility ID:	19760022
Status:	Inactive - Withdrawn
Status Date:	03/20/2000
Site Code:	304160
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	2.16
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Juan Koponen
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	59
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.99974
Longitude:	-118.2642
APN:	NONE SPECIFIED
Past Use:	* MISCELLANEOUS REPAIR SERVICES
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	HOOPER/MIRAMONTE PRIMARY SCHOOL #6
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOOPER/MIRAMONTE PRIMARY #6/CDE
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOOPER/MIRAMONTE PRIMARY #6/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304077
Alias Type:	Project Code (Site Code)
Alias Name:	304160
Alias Type:	Project Code (Site Code)
Alias Name:	19760022
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1
Completed Date:	02/11/2000
Comments:	Not reported

HOOPER/MIRAMONTE PRIMARY SCHOOL NO. 6 (Continued) **S105840725**

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:

Facility ID:	19760022
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.16
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Juan Koponen
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304160
Assembly:	59
Senate:	30
Special Program Status:	Not reported
Status:	Inactive - Withdrawn
Status Date:	03/20/2000
Restricted Use:	NO
Funding:	School District
Latitude:	33.99974
Longitude:	-118.2642
APN:	NONE SPECIFIED
Past Use:	* MISCELLANEOUS REPAIR SERVICES
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	HOOPER/MIRAMONTE PRIMARY SCHOOL #6
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOOPER/MIRAMONTE PRIMARY #6/CDE
Alias Type:	Alternate Name
Alias Name:	LAUSD-HOOPER/MIRAMONTE PRIMARY #6/VCA
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	304077
Alias Type:	Project Code (Site Code)
Alias Name:	304160
Alias Type:	Project Code (Site Code)

HOOPER/MIRAMONTE PRIMARY SCHOOL NO. 6 (Continued) **S105840725**

Alias Name: 19760022
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 02/11/2000
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

68
NNE
1/2-1
0.855 mi.
4517 ft.

C & M METALS, INC.
1709 E 24TH ST.
LOS ANGELES, CA 90058

ENVIROSTOR PROC **S108054394**
N/A

Relative:
Higher

Actual:
219 ft.

ENVIROSTOR:
Facility ID: 60000315
Status: Inactive - Action Required
Status Date: 06/01/2005
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: unknown
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Rita Kamat
Division Branch: Cleanup Chatsworth
Assembly: 59
Senate: 30
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant

C & M METALS, INC. (Continued) **S108054394**

Latitude: 34.01535
Longitude: -118.2423
APN: 5167015013
Past Use: UNKNOWN
Potential COC: Lead, Organic (tetraethyl lead
Confirmed COC: 30343-NO
Potential Description: SOIL
Alias Name: 5167015013
Alias Type: APN
Alias Name: 60000315
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: 05/19/2006
Comments: EPA APPROVAL BY MATT MITGUARD (PROJECT OFFICER)

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

PROC:
Reg Id: 60821
Cert Id: PR60821.001
Organization Id: 60821
Organization Name: C & M Metals Inc
Mailing Address: 1709 E 24th St
Mailing City: LOS ANGELES
Mailing State: CA
Mailing Zip Code: 90058
Website: Not reported
Email: Not reported
Phone Number: (323) 234-4662x102
Grand Father: N/A
Rural: N/A
Operation Begin Date: 11/20/2014
Aluminium: Y
Glass: Y
Plastic: Y
Bimetal: Y
Agency: N/A
Monday Hours Of Operation: 8:00 am - 4:30 pm
Tuesday Hours Of Operation: 8:00 am - 4:30 pm
Wednesday Hours Of Operation: 8:00 am - 4:30 pm
Thursday Hours Of Operation: 8:00 am - 4:30 pm
Friday Hours Of Operation: 8:00 am - 4:30 pm
Saturday Hours Of Operation: 8:00 am - 3:30 pm
Sunday Hours Of Operation: CLOSED

69 ENE 1/2-1 0.859 mi. 4534 ft. | **REBILT METALIZING 2229 EAST 38TH STREET VERNON, CA 90058** | **ENVIROSTOR** | **S118757210 N/A**

Relative: Higher

Actual: 207 ft.

ENVIROSTOR:

Facility ID:	60001180
Status:	No Action Required
Status Date:	05/30/2009
Site Code:	301353
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.8
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Jessy Fierro
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Orphan Funds
Latitude:	34.00864
Longitude:	-118.2337
APN:	NONE SPECIFIED
Past Use:	METAL PLATING - CHROME
Potential COC:	Tetrachloroethylene (PCE
Confirmed COC:	Tetrachloroethylene (PCE
Potential Description:	SV
Alias Name:	Vernon Discovery
Alias Type:	Alternate Name
Alias Name:	301353
Alias Type:	Project Code (Site Code)
Alias Name:	60001180
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	05/22/2009
Comments:	Sampling completed; dected low levels of PCE. Based on the sampling data obtained, DTSC determined that we do not need to conduct further sampling at the site.
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

70 NNW 1/2-1 0.891 mi. 4702 ft. | **PACIFIC ALLIED MANUFACTURING COMPANY**
2911 SOUTH CENTRAL AVENUE
LOS ANGELES, CA 90011 | **ENVIROSTOR** | **S101480773**
N/A

Relative: Higher

Actual: 213 ft.

ENVIROSTOR:

Facility ID:	19340018
Status:	No Further Action
Status Date:	11/08/1994
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	0
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.01544
Longitude:	-118.2566
APN:	5128021002
Past Use:	NONE
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	NMA
Alias Name:	B&B AUTO PRODUCTS
Alias Type:	Alternate Name
Alias Name:	5128021002
Alias Type:	APN
Alias Name:	19340018
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:	11/08/1994
Comments:	DATABASE VALIDATION PROJECT CONFIRMS NFA FOR DTSC.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	03/11/1988
Comments:	PRELIM ASSESS DONE PA MED. DUE TO LACK OF INFO.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	01/05/1982
Comments:	FACILITY IDENTIFIED LA CHAM OF COMM BUS DIR 1958 ELECTROPLATING
Future Area Name:	Not reported

PACIFIC ALLIED MANUFACTURING COMPANY (Continued) **S101480773**

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

M71 **PLATING SHOP** **ENVIROSTOR** **S104241817**
South **5816 HOOPER AVENUE** **N/A**
1/2-1 **LOS ANGELES, CA 90011**
0.894 mi.
4720 ft. **Site 1 of 3 in cluster M**

Relative:
Lower

Actual:
173 ft.

ENVIROSTOR:

Facility ID:	19340778
Status:	Inactive - Needs Evaluation
Status Date:	01/15/2002
Site Code:	300684
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	DTSC
Lead Agency:	DTSC
Program Manager:	Not reported
Supervisor:	* Greg Holmes
Division Branch:	Cleanup Cypress
Assembly:	59
Senate:	33
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.98961
Longitude:	-118.2509
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED SOLVENTS * ACID SOLUTION WITHOUT METALS Cadmium and compounds Chromium VI
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	FATHER AND SONS AUTO SALES
Alias Type:	Alternate Name
Alias Name:	PLATING SHOP
Alias Type:	Alternate Name
Alias Name:	TOUCH OF CLASS FURNITURE SHOP
Alias Type:	Alternate Name
Alias Name:	300684
Alias Type:	Project Code (Site Code)
Alias Name:	19340778
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	PA/SI Site Screening

PLATING SHOP (Continued) **S104241817**

Completed Date:	09/02/1997
Comments:	Site Screening submitted to EPA 05/21/97; EPA Concurrence With Site Recommendation 09/02/97.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	PA/SI Site Screening
Completed Date:	06/26/1998
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

72
ENE
1/2-1
0.899 mi.
4745 ft.

M-5 STEEL, INC.
2901-2921 SACO STREET
VERNON, CA 90058

ENVIROSTOR **S101480768**
N/A

Relative:
Higher

Actual:
209 ft.

ENVIROSTOR:

Facility ID:	19330374
Status:	Refer: Other Agency
Status Date:	05/15/1995
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:	53
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.00916
Longitude:	-118.2336
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED ORGANIC COMPOUNDS * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * ORGANIC LIQUIDS WITH METALS * ORGANIC SOLIDS WITH HALOGENS * OTHER ORGANIC SOLIDS * CONTAMINATED SOIL * Sludge - Halogenated Compounds * UNSPECIFIED OIL CONTAINING WASTE * UNSPECIFIED SOLVENT MIXTURES * WASTE OIL & MIXED OIL * ORGANIC LIQUIDS (NONSOLVENTS) WITH HALOGENS * UNSPECIFIED ORGANIC LIQUID MIXTURE Lead Chromium VI Mercury and compounds
Confirmed COC:	NONE SPECIFIED

M-5 STEEL, INC. (Continued) **S101480768**

Potential Description: NONE SPECIFIED
Alias Name: BORG-WARNER CORPORATION
Alias Type: Alternate Name
Alias Name: BORG-WARNER INDUSTRIAL PRODUCTS, INC.
Alias Type: Alternate Name
Alias Name: DESIGN STUDIO
Alias Type: Alternate Name
Alias Name: M-5 STEEL, INC.
Alias Type: Alternate Name
Alias Name: PRIME GLASS
Alias Type: Alternate Name
Alias Name: R & R EQUIPMENT MOVERS
Alias Type: Alternate Name
Alias Name: STEPHENS-ADAMSON MANUFACTURING COMPANY
Alias Type: Alternate Name
Alias Name: TEMPWERKS
Alias Type: Alternate Name
Alias Name: VIVID IMAGES
Alias Type: Alternate Name
Alias Name: 19330374
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 08/21/1991
Comments: Facility identified from RP's attorney.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/15/1995
Comments: Tell city of this contamination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 08/28/1991
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

N73 SSW 1/2-1 0.911 mi. 4811 ft. | **L.A. CRANK & ENGINE REBUILD**
5728 S. CENRAL AVE.
LOS ANGELES, CA 90001

ENVIROSTOR | **S105954463**
N/A

Site 1 of 4 in cluster N

Relative: Lower

Actual: 174 ft.

ENVIROSTOR:

Facility ID:	19390062
Status:	Inactive - Action Required
Status Date:	07/17/2002
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	Rita Kamat
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.99055
Longitude:	-118.2563
APN:	NONE SPECIFIED
Past Use:	JUNKYARD, VEHICLE MAINTENANCE
Potential COC:	Benzene Lead TPH-diesel TPH-gas
Confirmed COC:	TPH-diesel TPH-gas Benzene Lead
Potential Description:	SOIL, SV
Alias Name:	CAN000905655
Alias Type:	CERCLIS ID
Alias Name:	19390062
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment/Site Inspection Report (PA/SI)
Completed Date:	07/17/2002
Comments:	The PA for this site was completed. The soil at the site needs to be sampled for metals and VOCs.
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

74 East 1/2-1 0.912 mi. 4815 ft.	**EDISON/VERNON 2323 EAST VERNON AVENUE VERNON, CA 90058**	**ENVIROSTOR**	**S103393770 N/A**

Relative: Higher

Actual: 201 ft.

ENVIROSTOR:

Facility ID:	19490180
Status:	Refer: Other Agency
Status Date:	03/28/1984
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:	Referred - Not Assigned
Division Branch:	Cleanup Chatsworth
Assembly:	54
Senate:	30
Special Program:	* RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.00395
Longitude:	-118.3189
APN:	5022021006
Past Use:	NONE SPECIFIED
Potential COC:	* FLY ASH, BOTTOM ASH & RETORT ASH Polychlorinated biphenyls (PCBs
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	SOUTHERN CALIF EDISON CO - VERNON
Alias Type:	Alternate Name
Alias Name:	SOUTHERN CALIFORNIA EDISON COMPANY
Alias Type:	Alternate Name
Alias Name:	5022021006
Alias Type:	APN
Alias Name:	CAD980816649
Alias Type:	EPA Identification Number
Alias Name:	19490180
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Discovery
Completed Date:	09/29/1983
Comments:	FACILITY IDENTIFIED ID FROM ERRIS
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	03/28/1984
Comments:	INCIDENT: 1983 PCB SPILL. SOURCE ACTIV: UTILITY COMPANY YR OF OPER: T/C W/B.WHITE,SO.CA EDISON, 213-587-2211 - 1937 TO PRESENT EPA TSCA FILE: FAC USED INADEQUETE STORAGE & REC-KEEPING PRACTICES FOR PCB-CONTAINING WASTE PRIOR TO '80 SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

EDISON/VERNON (Continued) **S103393770**

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

N75 SSW 1/2-1 0.914 mi. 4828 ft. **J C HOLDERNESS** **ENVIROSTOR** **S112057193**
5732 SOUTH CENTRAL AVENUE **N/A**
LOS ANGELES, CA 90011

Site 2 of 4 in cluster N

Relative: Lower

Actual: 174 ft.

ENVIROSTOR:

Facility ID:	60001715
Status:	Refer: EPA
Status Date:	06/21/2000
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	46
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.99056
Longitude:	-118.2560
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	Asbestos Containing Materials (ACM Lead Polychlorinated biphenyls (PCBs Tetrachloroethylene (PCE Nickel Toluene Xylenes Zinc
Confirmed COC:	Lead Tetrachloroethylene (PCE Xylenes Zinc Nickel Toluene Asbestos Containing Materials (ACM Polychlorinated biphenyls (PCBs
Potential Description:	NONE SPECIFIED
Alias Name:	60001715
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:	06/21/2000
Comments:	Not reported
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported

J C HOLDERNESS (Continued) **S112057193**

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

N76
SSW
1/2-1
0.920 mi.
4859 ft.

AMERICAN LABS & RECOVERY INC **HWP** **S102818075**
1116 E 58TH ST **N/A**
LOS ANGELES, CA 90011

Site 3 of 4 in cluster N

Relative:
Lower

Actual:
173 ft.

HWP:
EPA Id: CAL000099147
Cleanup Status: NON-OPERATING
Latitude: 33.99023
Longitude: -118.2560
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 59
Senate District: 33
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAL000099147
Facility Type: Historical - Non-Operating
Unit Names: Not reported
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 12/17/1993

M77
South
1/2-1
0.924 mi.
4880 ft.

MASTER BODY SHOP **ENVIROSTOR** **S117038733**
1322 EAST SLAUSON AVENUE **N/A**
LOS ANGELES, CA 90001

Site 2 of 3 in cluster M

Relative:
Lower

Actual:
172 ft.

ENVIROSTOR:
Facility ID: 60002094
Status: Inactive - Needs Evaluation
Status Date: 09/09/2014
Site Code: 301688
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Folashade Simpson
Supervisor: Sayareh Amirebrahimi
Division Branch: Cleanup Chatsworth
Assembly: Not reported

MASTER BODY SHOP (Continued) **S117038733**

Senate: Not reported
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 0
Longitude: 0
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 301688
Alias Type: Project Code (Site Code)
Alias Name: 60002094
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

O78 **STUART F COOPER CO** **RCRA-SQG** **1000156369**
North **1565 AND 1570 E 23RD ST** **ENVIROSTOR** **CAD981664477**
1/2-1 **LOS ANGELES, CA 90011** **EMI**
0.925 mi.
4885 ft. **Site 1 of 2 in cluster O**

Relative:
Higher

Actual:
221 ft.

RCRA-SQG:
Date form received by agency: 12/12/1994
Facility name: STUART F COOPER CO
Facility address: 1565 AND 1570 E 23RD ST
LOS ANGELES, CA 90011
EPA ID: CAD981664477
Contact: MARTIN GOYMERAC
Contact address: PO BOX 11306
LOS ANGELES, CA 900110306
Contact country: US
Contact telephone: (213) 747-7141
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

STUART F COOPER CO (Continued) **1000156369**

hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	MONTE JUSTESEN
Owner/operator address:	169 GRETNA GREEN WY LOS ANGELES, CA 90049
Owner/operator country:	Not reported
Owner/operator telephone:	(310) 476-3909
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

ENVIROSTOR:

Facility ID:	71002904
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.01734
Longitude:	-118.2468
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED

STUART F COOPER CO (Continued) **1000156369**

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981664477
Alias Type: EPA Identification Number
Alias Name: 71002904
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

EMI:
Year: 1996
County Code: 19
Air Basin: SC
Facility ID: 14553
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: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0

O79 **NEVIN AVENUE ELEMENTARY** **ENVIROSTOR** **S107736873**
North **1569 EAST 32ND AVENUE** **SCH** **N/A**
1/2-1 **LOS ANGELES, CA 90011**
0.925 mi.
4885 ft. **Site 2 of 2 in cluster O**

Relative:
Higher

Actual:
221 ft.

ENVIROSTOR:
Facility ID: 19820071
Status: Inactive - Action Required
Status Date: 02/21/2013
Site Code: 304412
Site Type: School Cleanup
Site Type Detailed: School
Acres: 5
NPL: NO
Regulatory Agencies: SMBRP

NEVIN AVENUE ELEMENTARY (Continued) **S107736873**

Lead Agency: SMBRP
Program Manager: Angela Garcia
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 59
Senate: 33
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.01343
Longitude: -118.2477
APN: 900-012-908
Past Use: METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC: Arsenic Benzene Polynuclear aromatic hydrocarbons (PAHs Cadmium and compounds Copper and compounds Methylene chloride
Confirmed COC: Arsenic Benzene Polynuclear aromatic hydrocarbons (PAHs Cadmium and compounds Copper and compounds Methylene chloride
Potential Description: SOIL, SV
Alias Name: LAUSD-NEVIN ELEM SCHOOL CONSTRUCTION
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: NEVIN AVENUE ELEMENTARY SCHOOL LAUSD
Alias Type: Alternate Name
Alias Name: 900-012-908
Alias Type: APN
Alias Name: 110013293701
Alias Type: EPA (FRS #)
Alias Name: 304016
Alias Type: Project Code (Site Code)
Alias Name: 304412
Alias Type: Project Code (Site Code)
Alias Name: 19820071
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/14/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/18/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 08/17/2000
Comments: Per daily log, WP APL finalized.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report

NEVIN AVENUE ELEMENTARY (Continued) **S107736873**

Completed Date: 01/03/2002
Comments: PEA Report Volume 1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/06/2002
Comments: RACR - Nevin Avenue Elmentary School

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Tech Memo
Completed Date: 09/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/25/2014
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

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:

Facility ID: 19820071
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 5
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Angela Garcia
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304412
Assembly: 59
Senate: 33
Special Program Status: Not reported
Status: Inactive - Action Required
Status Date: 02/21/2013

NEVIN AVENUE ELEMENTARY (Continued) **S107736873**

Restricted Use:	NO
Funding:	School District
Latitude:	34.01343
Longitude:	-118.2477
APN:	900-012-908
Past Use:	METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC:	Arsenic, Benzene, Polynuclear aromatic hydrocarbons (PAHs, Cadmium and compounds, Copper and compounds, Methylene chloride
Confirmed COC:	Arsenic, Benzene, Polynuclear aromatic hydrocarbons (PAHs, Cadmium and compounds, Copper and compounds, Methylene chloride
Potential Description:	SOIL, SV
Alias Name:	LAUSD-NEVIN ELEM SCHOOL CONSTRUCTION
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	NEVIN AVENUE ELEMENTARY SCHOOL LAUSD
Alias Type:	Alternate Name
Alias Name:	900-012-908
Alias Type:	APN
Alias Name:	110013293701
Alias Type:	EPA (FRS #)
Alias Name:	304016
Alias Type:	Project Code (Site Code)
Alias Name:	304412
Alias Type:	Project Code (Site Code)
Alias Name:	19820071
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	06/14/2003
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	11/18/2002
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	08/17/2000
Comments:	Per daily log, WP APL finalized.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	01/03/2002
Comments:	PEA Report Volume 1

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	06/06/2002
Comments:	RACR - Nevin Avenue Elmentary School

NEVIN AVENUE ELEMENTARY (Continued) **S107736873**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Tech Memo
Completed Date:	09/06/2012
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	03/25/2014
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

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

P80 **AAD DISTRIBUTING & DRY CLEANING** **Cortese** **S103644001**
ENE **2306 E THIRTY EIGHTH ST** **EMI** **N/A**
1/2-1 **VERNON, CA 90058** **Financial Assurance**
0.927 mi. **ICE**
4892 ft. **Site 1 of 5 in cluster P** **HWP**

Relative:
Higher

Actual:
206 ft.

CORTESE:

Region:	CORTESE
Envirostor Id:	Not reported
Site/Facility Type:	Not reported
Cleanup Status:	Not reported
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:	HW
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

Region:	CORTESE
Envirostor Id:	19000031
Site/Facility Type:	STATE RESPONSE

AAD DISTRIBUTING & DRY CLEANING (Continued) **S103644001**

Cleanup Status:	ACTIVE
Status Date:	01/01/2007
Site Code:	300461, 301371
Latitude:	34.007793
Longitude:	-118.23245
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	52809
Air District Name:	SC
SIC Code:	2842
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CA Financial Assurance 1:

EPA ID Number:	CAD981397417
Sudden Amount1:	Not reported
Non Sudden Amount1:	Not reported
Closure Mechanism:	Not reported
Closure Amount:	Not reported
Post Closure Mechanism:	Not reported
Post Closure Amount:	Not reported
Corrective Action Mechanism:	Not reported
Corrective Action Amount:	Not reported
Sudden Mechanism Type:	Not reported
Sudden Mechanism Amount:	Not reported
Non Sudden Mechanism Type:	Not reported
Non Sudden Mechanism Amount:	Not reported
O and M Mechanism Type:	Not reported
O and M Amount:	Not reported

ICE:

Envirostor ID:	3001201
EPA ID:	CAD981397417
Site Type:	INSPECTION

AAD DISTRIBUTING & DRY CLEANING (Continued) **S103644001**

Facility Status: No Action

Enforcement:

Action Type: Enforcement Dismissed (101)
Action Date: 10/14/1998

Action Type: Enforcement Order Issued (210)
Action Date: 07/23/1998

Action Type: Final Civil / Judicial Action (610)
Action Date: 11/29/2000

Inspection:

Action Type: Follow-up Inspection - Treatment, Storage and Disposal
Action Date: 01/26/1999
Violation Class: Class 1, Class 2
RTC Date: 03/24/1999

Action Type: Follow-up Inspection - Treatment, Storage and Disposal
Action Date: 03/23/1999
Violation Class: No Violations
RTC Date: Not reported

Action Type: Follow-up Inspection - Treatment, Storage and Disposal
Action Date: 08/18/2000
Violation Class: Class 1
RTC Date: 11/29/2000

Action Type: Follow-up Inspection - Treatment, Storage and Disposal
Action Date: 09/13/2000
Violation Class: Class 1
RTC Date: 11/29/2000

Action Type: Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date: 06/25/1998
Violation Class: Class 1, Class 2, Minor
RTC Date: 09/24/1998

Action Type: Follow-up Inspection - Treatment, Storage and Disposal
Action Date: 08/19/1999
Violation Class: Class 1
RTC Date: 10/06/2000

Action Type: Follow-up Inspection - Treatment, Storage and Disposal
Action Date: 11/14/2000
Violation Class: Class 1, Class 2
RTC Date: 11/29/2000

Action Type: Follow-up Inspection - Treatment, Storage and Disposal
Action Date: 07/19/2000
Violation Class: Class 1
RTC Date: 10/29/2000

Action Type: Follow-up Inspection - Treatment, Storage and Disposal
Action Date: 11/07/2000
Violation Class: Class 1
RTC Date: 11/29/2000

AAD DISTRIBUTING & DRY CLEANING (Continued) **S103644001**

Action Type:	Follow-up Inspection - Treatment, Storage and Disposal
Action Date:	09/22/2000
Violation Class:	Class 1
RTC Date:	11/29/2000

HWP:

EPA Id:	CAD981397417
Cleanup Status:	UNDERGOING CLOSURE
Latitude:	34.00809
Longitude:	-118.2326
Facility Type:	Historical - Non-Operating
Facility Size:	Not reported
Team:	Not reported
Supervisor:	Not reported
Site Code:	300461
Assembly District:	53
Senate District:	33
Public Information Officer:	Not reported
Public Information Officer:	Not reported

Activities:

EPA Id:	CAD981397417
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1- Container Storage Area, TANKTRT1-distillation
Event Description:	New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date:	10/15/2000

EPA Id:	CAD981397417
Facility Type:	Historical - Non-Operating
Unit Names:	CONTAIN1- Container Storage Area, TANKTRT1-distillation
Event Description:	New Operating Permit - FINAL PERMIT
Actual Date:	11/13/2000

Alias:

EPA Id:	CAD981397417
Facility Type:	Historical - Non-Operating
Alias Type:	Envirostor ID Number
Alias:	19000031

EPA Id:	CAD981397417
Facility Type:	Historical - Non-Operating
Alias Type:	Project Code (Site Code)
Alias:	300461

P81 **AAD DISTRIBUTION C/O CALIFORNIA DTSC** **CORRACTS** **1007091338**
ENE **2306 EAST 38TH STREET** **RCRA-TSDF** **CAD981397417**
1/2-1 **VERNON, CA 90058** **RCRA-LQG**
0.927 mi. **US FIN ASSUR**
4892 ft. **Site 2 of 5 in cluster P** **2020 COR ACTION**

Relative:
Higher

Actual:
206 ft.

CORRACTS:

EPA ID:	CAD981397417
EPA Region:	9
Area Name:	ENTIRE FACILITY

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Actual Date: 20000501
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20000501
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: 20000501
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20000501
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: 20000501
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20000501
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19991202
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Actual Date: 19991202
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: 19991202
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20121002
Action: CA800YE
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: 20121002
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19990503
Action: CA725NO - Current Human Exposures Under Control, Current human exposures are NOT under control
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19990503
Action: CA750IN - Migration of Contaminated Groundwater under Control, More information is needed to make a determination
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20051003
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: 20051003
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20051003

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20060818
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20060818
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: 20060818
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19941019
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19941019
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20100224
Action: CA550RC
NAICS Code(s): 81232

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: 20100224
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20100224
Action: CA550RC
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: 20100224
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20050726
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: 20030430
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20030430
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20030430
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19940930
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19960930
Action: CA600SR - Stabilization Measures Implemented, Primary measure is source removal and/or treatment
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19960930
Action: CA250 - CMS Imposition
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981397417
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19960930
Action: CA100 - RFI Imposition
NAICS Code(s): 81232
Drycleaning and Laundry Services (except Coin-Operated)
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-TSDF:
Date form received by agency: 08/08/2008
Facility name: AAD DISTRIBUTION C/O CALIFORNIA DTSC
Facility address: 2306 EAST 38TH STREET
VERNON, CA 90058
EPA ID: CAD981397417
Mailing address: 1011 NORTH GRANDVIEW AVENUE
GLENDALE, CA 91201
Contact: LORI R PARNASS
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (818) 717-6546
Contact email: LPARNASS@DTSC.CA.GOV
EPA Region: 09
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste
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

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

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:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	State
Owner/Operator Type:	Operator
Owner/Op start date:	04/01/2003
Owner/Op end date:	Not reported
Owner/operator name:	HARRY POURAT
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	01/01/1986
Owner/Op end date:	Not reported
Owner/operator name:	KATHERINE G PALMER & ALICE PARKE BLAIR
Owner/operator address:	Not reported
	Not reported
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	04/25/1986
Owner/Op end date:	Not reported
Owner/operator name:	UNCLAIMED TRUST IN OREGON
Owner/operator address:	2306 EAST 38TH STREET
	VERNON, CA 90058
Owner/operator country:	US
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	01/01/1986
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

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

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

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Historical Generators:
Date form received by agency: 04/15/2003
Site name: AAD DISTRIBUTION & DRY CLEANING SERVICES
Classification: Small Quantity Generator

Date form received by agency: 04/15/2003
Site name: AAD DISTRIBUTION & DRY CLEANING SERVICES
Classification: Large Quantity Generator

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: F001
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 09/01/1996
Site name: AAD DISTRIBUTION & DRY CLEANING SERVICE
Classification: Large Quantity Generator

Date form received by agency: 04/24/1992

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Site name: AAD DISTRIBUTION & DRY CLEANING SERVICES
Classification: Large Quantity Generator

Date form received by agency: 04/25/1986
Site name: AAD DISTRIBUTION & DRY CLEANING SERVICE
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 09/30/1994
Event: RFA Completed, Assessment was an RFA.

Event date: 10/19/1994
Event: Stabilization Measures Evaluation,This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Event date: 10/19/1994
Event: CA Prioritization, Facility or area was assigned a high corrective action priority.

Event date: 09/30/1996
Event: RFI Imposition

Event date: 09/30/1996
Event: Stabilization Measures Implemented, Primary measure is source removal and/or treatment (e.g., soil or waste excavation, in-situ soil treatment, off-site treatment).

Event date: 09/30/1996
Event: CMS Imposition

Event date: 05/03/1999
Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.

Event date: 05/03/1999
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 12/02/1999
Event: Stabilization Measures Evaluation,This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Event date: 12/02/1999
Event: Stabilization Measures Evaluation,This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Event date: 05/01/2000
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 05/01/2000

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Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.

Event date: 05/01/2000
Event: Igration of Contaminated Groundwater under Control, More information is needed to make a determination.

Event date: 05/01/2000
Event: Current Human Exposures under Control, Current human exposures are NOT under control.

Event date: 04/30/2003
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 04/30/2003
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 07/26/2005
Event: Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 10/03/2005
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 10/03/2005
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 08/18/2006
Event: Date For Remedy Selection (CM Imposed)

Event date: 08/18/2006
Event: Date For Remedy Selection (CM Imposed)

Event date: 02/24/2010
Event: CA550RC

Event date: 02/24/2010
Event: CA550RC

Event date: 10/02/2012
Event: CA800YE

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/14/2000
Date achieved compliance: 11/29/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/14/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 11/14/2000
Date achieved compliance: 11/29/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 11/14/2000
Date achieved compliance: 11/29/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/14/2000
Enf. disposition status: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 11/07/2000
Date achieved compliance: 11/29/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/07/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 11/07/2000
Date achieved compliance: 11/29/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 09/22/2000
Date achieved compliance: 11/29/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 09/22/2000
Date achieved compliance: 11/29/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/22/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 09/13/2000
Date achieved compliance: 11/29/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/13/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 09/13/2000
Date achieved compliance: 11/29/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/18/2000
Date achieved compliance: 11/29/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 08/18/2000
Date achieved compliance: 11/29/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/18/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 07/19/2000
Date achieved compliance: 10/29/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 07/19/2000
Date achieved compliance: 10/29/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 07/19/2000
Date achieved compliance: 10/29/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 07/19/2000
Date achieved compliance: 10/29/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 07/19/2000
Date achieved compliance: 10/29/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 07/19/2000
Date achieved compliance: 10/29/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 07/19/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 08/19/1999
Date achieved compliance: 10/06/2000
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 08/19/1999
Date achieved compliance: 10/06/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 08/19/1999
Date achieved compliance: 10/06/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/19/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 01/26/1999
Date achieved compliance: 03/24/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 01/26/1999
Date achieved compliance: 03/24/1999
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 01/26/1999
Date achieved compliance: 03/24/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/26/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 01/26/1999
Date achieved compliance: 03/24/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 01/26/1999
Date achieved compliance: 03/24/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 01/26/1999
Date achieved compliance: 03/24/1999
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 01/26/1999
Date achieved compliance: 03/24/1999
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Area of violation: TSD - Container Use and Management
Date violation determined: 01/26/1999
Date achieved compliance: 03/24/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/26/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 01/26/1999
Date achieved compliance: 03/24/1999
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 01/26/1999
Date achieved compliance: 03/24/1999
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 01/26/1999
Date achieved compliance: 03/24/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/26/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Date violation determined: 01/26/1999
Date achieved compliance: 03/24/1999
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/26/1999
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 06/25/1998
Date achieved compliance: 06/25/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 25000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Chemical, Physical, AND Treatment
Date violation determined: 06/25/1998

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 25000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 25000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/25/1998
Date achieved compliance: 06/25/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/14/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: F - 264.400-406.Q
Area of violation: TSD IS-Chemical, Physical, AND Treatment
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 06/25/1998
Date achieved compliance: 06/25/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 06/25/1998
Date achieved compliance: 06/25/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.190-201.J
Area of violation: TSD - General
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 25000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Chemical, Physical, AND Treatment
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 06/25/1998
Date achieved compliance: 06/25/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Financial Requirements
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/14/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/14/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Chemical, Physical, AND Treatment
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/14/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 25000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/14/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 25000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 25000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/14/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/14/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Area of violation: TSD - Contingency Plan and Emergency Procedures
Date violation determined: 06/25/1998
Date achieved compliance: 06/25/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/14/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Tank System Standards
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/14/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Chemical, Physical, AND Treatment
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 25000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Chemical, Physical, AND Treatment
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 11/29/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: 498240
Paid penalty amount: Not reported

Regulation violated: F - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - General Facility Standards
Date violation determined: 06/25/1998

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 25000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: 10/14/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 06/25/1998
Date achieved compliance: 09/24/1998
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Preparedness and Prevention
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 07/23/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: 25000
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 06/25/1998
Date achieved compliance: 07/23/1998
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/25/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 03/26/1997
Date achieved compliance: 05/30/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/26/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 03/26/1997
Date achieved compliance: 05/30/1997
Violation lead agency: State

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/26/1997
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 12/18/1996
Date achieved compliance: 12/18/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/18/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/07/1996
Date achieved compliance: 08/21/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/08/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/05/1995
Date achieved compliance: 08/21/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/29/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 02/05/1995
Date achieved compliance: 08/21/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Enforcement action date: 12/29/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 02/05/1995
Date achieved compliance: 08/21/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/29/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/05/1995
Date achieved compliance: 08/21/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/29/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 02/05/1995
Date achieved compliance: 08/21/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/29/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 04/23/1991
Date achieved compliance: 07/22/1996
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 04/23/1991
Date achieved compliance: 07/22/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/06/1991
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 02/28/1991
Date achieved compliance: 07/22/1996
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268.7
Area of violation: LDR - General
Date violation determined: 05/17/1988
Date achieved compliance: 07/22/1996
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 05/17/1988
Date achieved compliance: 07/22/1996
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported
Enf. disposition status: Not reported

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Enf. disp. status date: Not reported
Enforcement lead agency: Not reported
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 01/22/1987
Date achieved compliance: 05/28/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/09/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 01/22/1987
Date achieved compliance: 05/28/1987
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/22/1987
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 11/29/2000
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/14/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Generators - General
Date achieved compliance: 11/29/2000
Evaluation lead agency: State

Evaluation date: 11/14/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 11/29/2000
Evaluation lead agency: State

Evaluation date: 11/07/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 11/29/2000

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Evaluation lead agency: State

Evaluation date: 09/22/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 11/29/2000
Evaluation lead agency: State

Evaluation date: 09/13/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 11/29/2000
Evaluation lead agency: State

Evaluation date: 08/18/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Generators - General
Date achieved compliance: 11/29/2000
Evaluation lead agency: State

Evaluation date: 07/19/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 10/29/2000
Evaluation lead agency: State

Evaluation date: 07/19/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 10/29/2000
Evaluation lead agency: State

Evaluation date: 07/19/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 10/29/2000
Evaluation lead agency: State

Evaluation date: 08/19/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 10/06/2000
Evaluation lead agency: State

Evaluation date: 08/19/1999
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/24/1999
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/23/1999

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/26/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/24/1999
Evaluation lead agency: State

Evaluation date: 01/26/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Generators - Records/Reporting
Date achieved compliance: 03/24/1999
Evaluation lead agency: State

Evaluation date: 01/26/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 03/24/1999
Evaluation lead agency: State

Evaluation date: 01/26/1999
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/26/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 03/24/1999
Evaluation lead agency: State

Evaluation date: 07/23/1998
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 07/23/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 06/25/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 06/25/1998

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 09/24/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 09/24/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Chemical, Physical, AND Treatment
Date achieved compliance: 07/23/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Permits - Application
Date achieved compliance: 07/23/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Contingency Plan and Emergency Procedures
Date achieved compliance: 06/25/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Tank System Standards
Date achieved compliance: 07/23/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 07/23/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 07/23/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Chemical, Physical, AND Treatment
Date achieved compliance: 09/24/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/25/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/23/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 09/24/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 09/24/1998
Evaluation lead agency: State

Evaluation date: 06/25/1998
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 04/23/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/12/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/30/1997
Evaluation lead agency: State

Evaluation date: 02/19/1997
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/18/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 12/18/1996

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Evaluation lead agency: State

Evaluation date: 11/15/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/18/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/30/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/08/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/07/1996
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 08/21/1996
Evaluation lead agency: State

Evaluation date: 12/29/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 08/21/1996
Evaluation lead agency: State

Evaluation date: 12/29/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 08/21/1996
Evaluation lead agency: State

Evaluation date: 12/29/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/21/1996
Evaluation lead agency: State

Evaluation date: 04/23/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/22/1996
Evaluation lead agency: State

Evaluation date: 02/28/1991

AAD DISTRIBUTION C/O CALIFORNIA DTSC (Continued) **1007091338**

Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 07/22/1996
Evaluation lead agency: State

Evaluation date: 02/28/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/17/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/22/1996
Evaluation lead agency: State

Evaluation date: 05/17/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 07/22/1996
Evaluation lead agency: State

Evaluation date: 01/22/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 05/28/1987
Evaluation lead agency: State

Evaluation date: 01/22/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/23/1986
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

US FIN ASSUR:
EPA ID: CAD981397417
Provider: STEADFAST INS. CO.
EPA region: 9
County: Not reported
Mechanism type: INSURANCE
Mechanism ID: PLC365556903
Cost estimate: $406,138.00
Face value: $406,138.00
Effective date: 7/21/1999

2020 COR ACTION:
EPA ID: CAD981397417
Region: 9
Action: Not reported

P82 **AAD** **HIST Cal-Sites** **S106800171**
ENE **2306 E. 38TH STREET** **N/A**
1/2-1 **VERNON, CA 90058**
0.927 mi.
4892 ft. **Site 3 of 5 in cluster P**

Relative:
Higher

Actual:
206 ft.

Calsite:

Region:	GLENDALE
Facility ID:	19000031
Facility Type:	STATE
Type:	STATE FUNDED SITE
Branch:	SA
Branch Name:	SO CAL - GLENDALE
File Name:	Not reported
State Senate District:	11242004
Status:	ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
NPL:	Not Listed
SIC Code:	00
SIC Name:	PROPERTIES THAT DO NOT HAVE SIC CODES
Access:	Not reported
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Not reported
Staff Member Responsible for Site:	LPARNASS
Supervisor Responsible for Site:	Not reported
Region Water Control Board:	LA
Region Water Control Board Name:	LOS ANGELES
Lat/Long Direction:	Not reported
Lat/Long (dms):	0 0 0 / 0 0 0
Lat/long Method:	Not reported
Lat/Long Description:	Not reported
State Assembly District Code:	46
State Senate District Code:	22
Facility ID:	Not reported
Activity:	Not reported
Activity Name:	Not reported
AWP Code:	Not reported
Proposed Budget:	Not reported
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	Not reported
Est Person-Yrs to complete:	Not reported
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	Not reported
Definition of Status:	Not reported
Liquids Removed (Gals):	Not reported
Liquids Treated (Gals):	Not reported
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	Not reported
For Industrial Reuse:	Not reported
For Residential Reuse:	Not reported

AAD (Continued) **S106800171**

Unknown Type: Not reported
Alternate Address: 2306 E. 38TH STREET
Alternate City,St,Zip: VERNON, CA 90058
Background Info: The AAD property, formerly a dry cleaning recycler, consists of an 11,000 square-foot lot with a 6,000 square-foot building. Offices are partitioned in the northern portion of the building and the remaining area is a concreted floored shop/warehouse area. The shop area was used to house a cartridge still and PCE distillation still in the area known as the hazardous waste management units (HWMUs) (a.k.a. Containment A); a drum washing area, and various drum storage areas (Areas B, C and D). A parking lot is located at the eastern side of the building and it is covered with asphalt. The parking lot is shared between AAD and its adjacent neighbor, the former Rite-Choice facility. The Department of Toxic Substances Control (DTSC), Southern California Permitting and Corrective Action Branch (SCPCAB) permitted the facility to manage dry cleaning wastes since 1986. In 1991, AAD submitted a permit renewal application. As part of the permit review process AAD conducted soil, soil vapor and groundwater investigations. Several documents and inspection reports indicated releases of hazardous waste at AAD. In November 1994, a soil vapor survey was conducted and PCE contamination was evident. In September 1996, a unilateral corrective action order requesting AAD to conduct a site wide investigation and remediation was filed. An Interim Measures Workplan was approved in 1999. Soil vapor probes were installed as interim measures by AAD to determine the extent of contamination and the preliminary soil vapor results were collected. The interim measures were not completed by AAD. The permit renewal application review also indicated that there were many deficiencies in the permit application and these deficiencies were not addressed by AAD. AAD's permit was revoked in November 2000. In December 2000, AAD was abandoned by its operator with approximately 1,600 drums of hazardous wastes at the site. These drums were later removed by the United States Environmental Protection Agency's (USEPA) Superfund Emergency Response staff. The operator of AAD, Harry Pourat, is now deceased. The present owners of the property are two unclaimed trusts based in Oregan. At least one appears to be a revocable trust. The principals were two elderly ladies living in Oregon who have died. It appears that the beneficiaries have not taken possession of the facility. The attorney for the trusts is uncooperative and has stated that the trusts refuse to conduct closure or to be responsible for any costs of closure and corrective action. In the absence of an operator and landowner, SCPCAB requested assistance from the Office of the Attorney General to determine if there were any Potentially Responsible Parties (PRPs) to remediate the site. SCPCAB identified the landowners and approximately 3,700 small generators who shipped the PCE waste to the AAD site as PRPs. On October 23, 2003, the Office of the Attorney General concluded that there are no viable PRPS that can be pursued at this time In Spring 2003, SCPCAB implemented the approved closure plan by using closure insurance funds. During the HWMU closure activities, SCPCAB obtained groundwater, soil and soil gas samples in a limited site investigation. Contaminants detected in the soil include: acetone, benzene, n-butylbenzene,

AAD (Continued) **S106800171**

sec-butylbenzene, isopropylbenzene, n-propyl-benzene, 1,2,4-trimethyl-benzene, 1,3,5-trimethyl-benzene, p-isopropyl-toluene, xylenes, naphthalene, perchloroethylene (PCE), and trichloroethylene (TCE). Soil gas samples using TO-14 and TO-3 methods detected: 1,2-dichloroethane, trichlorofluoromethane, benzene, ethyl benzene, chlorobenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, toluene, p,m-xylene, o-xylene, TCE, PCE, and total volatile petroleum hydrocarbons (TVPH). The maximum detected concentrations for PCE and TVPH are 10,454 and 69,311 ug/l respectively. Groundwater was sampled from six groundwater monitoring wells. The first and second quarterly groundwater monitoring samples detected PCE as high as 33 micrograms per liter (ug/l) and TCE as high as 565 ug/l. In May 2003, an interim removal action began with the installation of a soil vapor extraction (SVE). The SVE system was designed to remove VOCs, however, as of December 2003, an estimated 736 pounds of PCE and 7,171 pounds of TPH vapor had been removed. TPH had not previously been identified as a contaminant of concern and sources had not been determined. However, it is known the previous owner of AAD accepted dry cleaning and gas station waste products for recycling. The dry cleaning waste would stay on site and the gas station waste would be segregated to the neighboring facility Rite-Choice. In December 2004 AAD was transferred to the Site Mitigation Program. Proposed actions include: preparation of a Site Characterization Workplan that shall include soil, soil gas, indoor air and groundwater; monitoring all soil vapor and groundwater wells; and the drafting of a Site Characterization Report and Baseline Health Risk Assessment. Due to the vapor diffusion, the air samples collected from three facilities located near the AAD site exceeded the screening criteria proposed by USEPA. There are currently approximately 20 workers exposed to the indoor air contamination at these three facilities. Therefore, additional additional soil vapor monitoring shall be conducted. Drinking water production wells are located approximately 1000 feet south of the facility. The migration of the contamination to the production wells may occur; therefore, groundwater monitoring shall be continued. There are approximately 44,000 workers in the city of Vernon. Based on the current investigation results, AAD may not be the only contributor to the contamination found in soil, soil gas and groundwater. Further investigation is needed to determine the additional potentially responsible parties.

Comments Date: 11132004
Comments: Site Mitigation Conducting a Site Characterization and Health
Comments Date: 11132004
Comments: Risk Assessment.
ID Name: CALSTARS CODE
ID Value: 300461
Alternate Name: AAD
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

P83 ENE 1/2-1 0.927 mi. 4892 ft. | **AAD DISTRIBUTION & DRY CLEANING, INC.**
2306 E. 38TH STREET
VERNON, CA 90058

RESPONSE
ENVIROSTOR
HAZNET

S112991337
N/A

Site 4 of 5 in cluster P

Relative: Higher

Actual: 206 ft.

RESPONSE:

Facility ID:	19000031
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Site Code:	301371
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	53
Senate:	33
Special Program Status:	Not reported
Status:	Active
Status Date:	01/01/2007
Restricted Use:	NO
Funding:	Orphan Funds
Latitude:	34.00779
Longitude:	-118.2324
APN:	6302-015-014, 6302015014
Past Use:	RECYCLING - OTHER
Potential COC :	Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC:	Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-MOTOR OIL
Potential Description:	OTH, SOIL, SV, IA
Alias Name:	AAD
Alias Type:	Alternate Name
Alias Name:	6302-015-014
Alias Type:	APN
Alias Name:	6302015014
Alias Type:	APN
Alias Name:	CAD981397417
Alias Type:	EPA Identification Number
Alias Name:	110002698484
Alias Type:	EPA (FRS #)
Alias Name:	300461
Alias Type:	Project Code (Site Code)
Alias Name:	301371
Alias Type:	Project Code (Site Code)
Alias Name:	19000031
Alias Type:	Envirostor ID Number
Alias Name:	80001469
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	12/29/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/03/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 04/13/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/31/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/31/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/12/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/20/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/05/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/02/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 02/02/2009

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 12/10/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/26/2009
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/29/2010
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/23/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/03/2010
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/30/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/28/2011
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 06/24/2011
Comments: Not reported

Completed Area Name: OU2 - Groundwater

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/23/2011
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/12/2011
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/16/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/15/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 02/02/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/26/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 12/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/14/2014

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/08/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/27/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/09/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/02/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/01/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/01/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/05/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 08/17/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/02/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/20/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 01/08/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 05/29/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/26/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 09/30/2015
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 11/01/2013

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Comments: the document was rejected for insufficient evidence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 10/14/2014
Comments: Program finished their review. The document is now with the attorneys for the final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/10/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 03/27/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 09/24/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/21/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/24/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/19/2006
Comments: Not reported

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/09/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/27/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 11/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 11/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 10/12/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 02/07/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 09/10/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 08/10/2015
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Consultative Service Agreement

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Date: 12/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 04/06/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 02/28/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/19/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/03/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/26/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/11/2010
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Consultative Service Agreement
Completed Date: 04/15/2011
Comments: Not reported

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/04/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 12/20/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/20/2016
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2019
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Workplan
Schedule Due Date: 12/28/2016
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Community Profile
Schedule Due Date: 06/27/2017
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Fact Sheets
Schedule Due Date: 06/27/2017
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Public Notice
Schedule Due Date: 02/21/2017
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Public Notice
Schedule Due Date: 04/23/2017
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 19000031
Status: Active
Status Date: 01/01/2007
Site Code: 301371
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 1
NPL: NO

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Orphan Funds
Latitude:	34.00779
Longitude:	-118.2324
APN:	6302-015-014, 6302015014
Past Use:	RECYCLING - OTHER
Potential COC:	Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC:	Tetrachloroethylene (PCE TPH-diesel TPH-gas TPH-MOTOR OIL
Potential Description:	OTH, SOIL, SV, IA
Alias Name:	AAD
Alias Type:	Alternate Name
Alias Name:	6302-015-014
Alias Type:	APN
Alias Name:	6302015014
Alias Type:	APN
Alias Name:	CAD981397417
Alias Type:	EPA Identification Number
Alias Name:	110002698484
Alias Type:	EPA (FRS #)
Alias Name:	300461
Alias Type:	Project Code (Site Code)
Alias Name:	301371
Alias Type:	Project Code (Site Code)
Alias Name:	19000031
Alias Type:	Envirostor ID Number
Alias Name:	80001469
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract
Completed Date:	12/29/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date:	11/21/2014
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	State/Federal Funded Site Work Order
Completed Date:	12/03/2013
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Document Type: Lien
Completed Date: 04/13/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/31/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/31/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/12/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/20/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/05/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/02/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 02/02/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 12/10/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/26/2009
Comments: Not reported

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/29/2010
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/23/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/03/2010
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/29/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/30/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/28/2011
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 06/24/2011
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/23/2011
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/12/2011
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Date: 01/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/16/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/15/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 02/02/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/26/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 12/07/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 02/14/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/08/2013
Comments: Not reported

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/27/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/09/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/02/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/01/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/01/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/05/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 01/12/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Date: 08/17/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/02/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/20/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 01/08/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 05/29/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 02/26/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 09/30/2015
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 11/01/2013
Comments: the document was rejected for insufficient evidence

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 10/14/2014
Comments: Program finished their review. The document is now with the attorneys for the final.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/10/2012
Comments: Not reported

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 03/27/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 09/24/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/21/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/24/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/19/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/09/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/27/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Date: 11/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 11/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 11/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 10/12/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 02/07/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Long Term Monitoring Report
Completed Date: 09/10/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 08/10/2015
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Consultative Service Agreement
Completed Date: 12/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 04/06/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Subst. Endangerment Determination
Completed Date: 02/28/2003
Comments: Not reported

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/19/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/03/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/26/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/11/2010
Comments: Not reported

Completed Area Name: OU2 - Groundwater
Completed Sub Area Name: Not reported
Completed Document Type: Consultative Service Agreement
Completed Date: 04/15/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/04/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 12/20/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract

AAD DISTRIBUTION & DRY CLEANING, INC. (Continued) **S112991337**

Completed Date:	06/20/2016
Comments:	Not reported
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2019
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Removal Action Workplan
Schedule Due Date:	12/28/2016
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Community Profile
Schedule Due Date:	06/27/2017
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Fact Sheets
Schedule Due Date:	06/27/2017
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Public Notice
Schedule Due Date:	02/21/2017
Schedule Revised Date:	Not reported
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Public Notice
Schedule Due Date:	04/23/2017
Schedule Revised Date:	Not reported

HAZNET:

envid:	S112991337
Year:	2011
GEPAID:	CAC002673238
Contact:	LORI PARNASS
Telephone:	8187176597
Mailing Name:	Not reported
Mailing Address:	9211 OAKDALE AVE
Mailing City,St,Zip:	CHATSWORTH, CA 913116520
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Unspecified aqueous solution
Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.315
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Los Angeles

P84 ENE 1/2-1 0.927 mi. 4892 ft. | **AAD DISTRIBUTION & DRY CLEANING INC**
2306 E 38TH ST
VERNON, CA 90058

ENVIROSTOR LIENS DRYCLEANERS | **S103948406 N/A**

Site 5 of 5 in cluster P

Relative: Higher

Actual: 206 ft.

ENVIROSTOR:

Facility ID:	80001469
Status:	Refer: SMBRP
Status Date:	06/26/2013
Site Code:	300461
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	MBR
Program Manager:	Lori Parnass
Supervisor:	Juli Propes
Division Branch:	Cleanup Chatsworth
Assembly:	53
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	34.00779
Longitude:	-118.2324
APN:	6302015014
Past Use:	RECYCLING - OTHER
Potential COC:	Tetrachloroethylene (PCE
Confirmed COC:	Tetrachloroethylene (PCE
Potential Description:	AQUI, IA, OTH, SOIL, SV
Alias Name:	AAD
Alias Type:	Alternate Name
Alias Name:	6302015014
Alias Type:	APN
Alias Name:	CAD981397417
Alias Type:	EPA Identification Number
Alias Name:	300461
Alias Type:	Project Code (Site Code)
Alias Name:	19000031
Alias Type:	Envirostor ID Number
Alias Name:	80001469
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedy Constructed
Completed Date:	02/24/2010
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date:	09/30/1996
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

AAD DISTRIBUTION & DRY CLEANING INC (Continued) **S103948406**

Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 05/01/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/29/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 09/24/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/10/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/20/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/26/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/13/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/20/2012

AAD DISTRIBUTION & DRY CLEANING INC (Continued) **S103948406**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/19/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Groundwater Migration Controlled
Completed Date: 10/03/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 09/30/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 12/02/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 10/19/1994
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Questionnaire
Completed Date: 12/02/1999
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 05/01/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE

AAD DISTRIBUTION & DRY CLEANING INC (Continued) **S103948406**

Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 09/30/1996
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Human Exposure Controlled
Completed Date: 07/26/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Remedy Selected
Completed Date: 08/18/2006
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

LIENS:
Envirostor Id: 19000031
Latitude: 34.007793
Longitude: -118.23245
Project Mgr: LORI PARNASS
Project Code: 300461, 301371
If Satisfied: NO
Date Satisfied: Not reported
Site Status: ACTIVE
Site Type: STATE RESPONSE OR NPL
Completed: 04/13/2011
Lien Amount: $1,172,103.56
Amount Remaining: Not reported
Description: This former dry cleaning recycler consists of a 6,000-square-foot building on an 11,000 square-foot lot bordered by a shared driveway to the east and a neighboring facility to the west. Shop operations housed a cartridge still, a distillation still, a drum washing area, and various drum storage areas identified as permitted hazardous waste management units (HWMU). During the permit process contamination was detected on site. The permit renewal was denied. The site was abandoned. In an emergency removal 1,600 drums of hazardous waste were removed from the site by the USEPA. During the HWMU closure activities, DTSC obtained groundwater, soil and soil gas samples in a limited site investigation. The following contaminants were detected in soil, soil vapor and groundwater on and off site: acetone, benzene, n-butylbenzene, sec-butylbenzene, isopropylbenzene, n-propyl-benzene, 1,2,4-trimethyl-benzene, 1,3,5-trimethyl-benzene, p-isopropyl-toluene, xylenes, naphthalene, perchloroethylene (PCE), and trichloroethylene (TCE). Soil gas samples using TO-14 and TO-3 methods detected the following compounds: 1,2-dichloroethane,

AAD DISTRIBUTION & DRY CLEANING INC (Continued) **S103948406**

trichlorofluoromethane, benzene, ethyl benzene, chlorobenzene, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, toluene, p,m-xylene, o-xylene, TCE, PCE, and total volatile petroleum hydrocarbons (TVPH). Among the detected compounds in the soil gas, PCE and TVPH were detected at significant levels. The maximum detected concentrations for PCE and TVPH are 10,454 and 69,311 ug/l respectively. Groundwater underneath the AAD site is also contaminated by volatile organic compounds (VOCs). Six groundwater monitoring wells were installed to determine the groundwater flow direction and whether AAD contributed to the groundwater contamination. Initial groundwater monitoring samples detected PCE as high as 33 micrograms per liter (ug/l) and TCE as high as 565 ug/l. In May 2003, an interim removal action began with the installation of a soil vapor extraction (SVE). The SVE system was designed to remove VOCs, however, as of December 2006, an estimated 918 pounds of PCE and 11,559 pounds of TPH vapor had been removed. Continued monitoring determined that the SVE system needed a redesigned to address potential indoor air issues. In 2007, a limited time critical removal of soil and concrete was conducted because PCE was detected as high as 3,000,000 ug/kg in the building at the former operations area. 123 cubic yards of shallow soils were removed from inside the building. Additional shallow soil vapor probes were installed and the system continued operations until December 2010. From October 2007 to December 2010 a estimated total of 159 pounds of PCE was treated. The concentrations of PCE decreased to 63 ug/l. A focused HHRA determined future commercial on-site worker receptor as 3.1x10-6 and non cancer risk as less than 1.0. Groundwater contamination is considered to be originating from an offsite source in that TCE and perchlorate are major identified COCs. In 2015 Perchlorate was detected as high as 5,000 ug/l. On-site soil vapor monitoring continued to 2012 an increase in subslab vapor samples indicated that further action may need to be conducted to prevent indoor air intrusion. A final remedy for the site - an indoor air intrusion mitigation plan was developed in in 2016.

DRYCLEANERS:

EPA Id:	CAD981397417
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	09/26/1986
Facility Active:	No
Inactive Date:	06/30/2001
Facility Addr2:	Not reported
Owner Name:	HARRY POURAT, PRESIDENT
Owner Address:	2306 E 38TH ST
Owner Address 2:	Not reported
Owner Telephone:	0000000000
Contact Name:	HARRY POURAT, PRESIDENT
Contact Address:	2306 E 38TH ST
Contact Address 2:	Not reported
Contact Telephone:	3235825900
Mailing Name:	Not reported
Mailing Address 1:	2306 E 38TH ST
Mailing Address 2:	Not reported
Mailing City:	VERNON
Mailing State:	CA

AAD DISTRIBUTION & DRY CLEANING INC (Continued) **S103948406**

Mailing Zip: 900581627
Owner Fax: Not reported
Region Code: 3

M85 South 1/2-1 0.931 mi. 4916 ft. | **BAUHAUS GROUP** | **ENVIROSTOR** | **S105954459**
1316 EAST SLAUSON AVENUE | **N/A**
LOS ANGELES, CA 90011

Site 3 of 3 in cluster M

Relative: Lower

Actual: 172 ft.

ENVIROSTOR:

Facility ID:	19320198
Status:	Inactive - Action Required
Status Date:	06/26/2003
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.31
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	Rita Kamat
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	33
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.98909
Longitude:	-118.2512
APN:	6008018027
Past Use:	METAL FINISHING, PAINT/DEPAINT FACILITY, RECYCLING - SCRAP METAL
Potential COC:	* UNSPECIFIED SOLVENT MIXTURES Lead Selenium
Confirmed COC:	NONE SPECIFIED
Potential Description:	AQUI, SOIL, SV
Alias Name:	301141
Alias Type:	Not reported
Alias Name:	U.S. SCRAP
Alias Type:	Alternate Name
Alias Name:	WESTERN NEWS RACK
Alias Type:	Alternate Name
Alias Name:	6008018027
Alias Type:	APN
Alias Name:	CAN000905727
Alias Type:	CERCLIS ID
Alias Name:	19320198
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:	06/26/2003
Comments:	Completed Preliminary Assessment - EPA is recommending this site for further investigation.

BAUHAUS GROUP (Continued) **S105954459**

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

Q86 **ATLAS PLATING COMPANY** **ENVIROSTOR** **S104241816**
SSW **1206 E. SLAUSON AVENUE** **N/A**
1/2-1 **LOS ANGELES, CA 90011**
0.948 mi.
5008 ft. **Site 1 of 3 in cluster Q**

Relative:
Lower

Actual:
172 ft.

ENVIROSTOR:

Facility ID:	19340777
Status:	Inactive - Needs Evaluation
Status Date:	02/06/2002
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	* Harlan Jeche
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	33
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.98903
Longitude:	-118.2536
APN:	6008002015
Past Use:	NONE SPECIFIED
Potential COC:	* HALOGENATED SOLVENTS * ACID SOLUTION WITHOUT METALS Cadmium and compounds Chromium VI
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	ATLAS PLATING COMPANY
Alias Type:	Alternate Name
Alias Name:	CALIFORNIA CUSTOM SHAPES
Alias Type:	Alternate Name
Alias Name:	IMPERIAL METAL FINISHING
Alias Type:	Alternate Name
Alias Name:	IMPERIAL METAL WORKS COMPANY
Alias Type:	Alternate Name
Alias Name:	6008002015
Alias Type:	APN
Alias Name:	CAO002059384
Alias Type:	EPA Identification Number
Alias Name:	19340777
Alias Type:	Envirostor ID Number

ATLAS PLATING COMPANY (Continued) **S104241816**

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

Q87
SSW
1/2-1
0.948 mi.
5008 ft.

PUCKETT LUCILLE M. TR. **ENVIROSTOR** **S111842236**
1206 SLAUSON AVENUE **N/A**
LOS ANGELES, CA 90011

Site 2 of 3 in cluster Q

Relative:
Lower

Actual:
172 ft.

ENVIROSTOR:

Facility ID:	60001683
Status:	Refer: EPA
Status Date:	06/23/2000
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	Manny Alonzo
Division Branch:	Cleanup Cypress
Assembly:	46
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.98912
Longitude:	-118.2536
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	Asbestos Containing Materials (ACM Lead Polychlorinated biphenyls (PCBs Tetrachloroethylene (PCE Nickel Toluene Xylenes Zinc
Confirmed COC:	Lead Tetrachloroethylene (PCE Xylenes Zinc Nickel Toluene Asbestos Containing Materials (ACM Polychlorinated biphenyls (PCBs
Potential Description:	NONE SPECIFIED
Alias Name:	60001683
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

PUCKETT LUCILLE M. TR. (Continued) **S111842236**

Completed Document Type:	Site Screening
Completed Date:	06/23/2000
Comments:	.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

Q88
SSW
1/2-1
0.952 mi.
5026 ft.

K. J. WELDING & IRON WORKS **SEMS** **1003109124**
1202 EAST SLAUSON AVENUE **ENVIROSTOR** **CAN000905822**
LOS ANGELES, CA 90011

Site 3 of 3 in cluster Q

Relative:
Lower

Actual:
172 ft.

SEMS:

Site ID:	905822
EPA ID:	CAN000905822
Federal Facility:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID:	0905822
EPA ID:	CAN000905822
Facility County:	LOS ANGELES
Short Name:	K. J. WELDING & IRON WORK
Congressional District:	Not reported
IFMS ID:	Not reported
SMSA Number:	Not reported
USGC Hydro Unit:	Not reported
Federal Facility:	Not a Federal Facility
DMNSN Number:	0.00000
Site Orphan Flag:	Not reported
RCRA ID:	Not reported
USGS Quadrangle:	Not reported
Site Init By Prog:	S
NFRAP Flag:	Not reported
Parent ID:	Not reported
RST Code:	Not reported
EPA Region:	09
Classification:	Not reported
Site Settings Code:	Not reported
NPL Status:	Not on the NPL
DMNSN Unit Code:	Not reported
RBRAC Code:	Not reported
RResp Fed Agency Code:	Not reported
Non NPL Status:	SI Start Needed
Non NPL Status Date:	07/23/03
Site Fips Code:	06037
CC Concurrence Date:	/ /
CC Concurrence FY:	Not reported
Alias EPA ID:	Not reported

K. J. WELDING & IRON WORKS (Continued) **1003109124**

Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 13003854.00000
Contact Name: Leslie Ramirez
Contact Tel: (415) 972-3978
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray
Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: A. M. PROCESSING
Alias Address: 1202 EAST SLAUSON AVENUE
LOS ANGELES, CA 90011
Alias ID: 102
Alias Name: R & L MOTORS
Alias Address: 1202 EAST SLAUSON AVENUE
LOS ANGELES, CA 90011
Alias ID: 103
Alias Name: DDD & ASSOCIATES
Alias Address: 1202 EAST SLAUSON AVENUE
LOS ANGELES, CA 90011
Alias Comments: Not reported
Site Description: so central

CERCLIS Assessment History:

Action Code: 001
Action: DISCOVERY
Date Started: / /
Date Completed: 03/07/01
Priority Level: Not reported
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRE-CERCLIS SCREENING
Date Started: / /
Date Completed: 03/07/01
Priority Level: Not reported
Operable Unit: SITEWIDE

K. J. WELDING & IRON WORKS (Continued) **1003109124**

Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

Action Code: 001
Action: PRELIMINARY ASSESSMENT
Date Started: 07/01/02
Date Completed: 06/27/03
Priority Level: Low priority for further assessment
Operable Unit: SITEWIDE
Primary Responsibility: State, Fund Financed
Planning Status: Not reported
Urgency Indicator: Prelim Assess
Action Anomaly: Not reported

Action Code: 001
Action: SITE REASSESSMENT
Date Started: / /
Date Completed: 08/29/10
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information
Operable Unit: SITEWIDE
Primary Responsibility: EPA Fund-Financed
Planning Status: Not reported
Urgency Indicator: Not reported
Action Anomaly: Not reported

ENVIROSTOR:
Facility ID: 19340789
Status: Inactive - Action Required
Status Date: 06/30/2003
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.2
NPL: NO
Regulatory Agencies: US EPA
Lead Agency: US EPA
Program Manager: Not reported
Supervisor: Rita Kamat
Division Branch: Cleanup Chatsworth
Assembly: 59
Senate: 33
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 33.98909
Longitude: -118.2539
APN: 6008002025
Past Use: MACHINE SHOP, MANUFACTURING - METAL, PAINT/DEPAINT FACILITY
Potential COC: * HALOGENATED SOLVENTS Lead Cadmium and compounds
Confirmed COC: NONE SPECIFIED
Potential Description: AQUI, SOIL, SV

K. J. WELDING & IRON WORKS (Continued) **1003109124**

Alias Name:	A.M. PROCESSING
Alias Type:	Alternate Name
Alias Name:	R&L MOTORS
Alias Type:	Alternate Name
Alias Name:	6008002025
Alias Type:	APN
Alias Name:	CAN000905822
Alias Type:	CERCLIS ID
Alias Name:	110013806168
Alias Type:	EPA (FRS #)
Alias Name:	19340789
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:	06/30/2003
Comments:	Preliminary Assessment of K.J. Welding & Iron Works Site for Federal EPA.
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

N89 **J&A FURNITURE** **ENVIROSTOR** **S105954426**
SSW **5815 SOUTH CENTRAL AVE.** **N/A**
1/2-1 **LOS ANGLES, CA 90001**
0.954 mi.
5037 ft. **Site 4 of 4 in cluster N**

Relative:
Lower

Actual:
173 ft.

ENVIROSTOR:

Facility ID:	19570001
Status:	No Further Action
Status Date:	05/21/2003
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.75
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	Rita Kamat
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.98992

J&A FURNITURE (Continued) **S105954426**

Longitude: -118.2567
APN: NONE SPECIFIED
Past Use: PAINT/DEPAINT FACILITY, RETAIL
Potential COC: Acetone Dibutyl phthalate Ethyl acetate Toluene
Confirmed COC: 30550-NO 30032-NO 30183-NO 30270-NO
Potential Description: SOIL
Alias Name: J&A FURNITURE
Alias Type: Alternate Name
Alias Name: 19570001
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: 05/21/2003
Comments: A Preliminary Assessment was conducted for the site located in South-Central Los Angeles. No evidence of hazardous substances usage was found.

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

90
NW
1/2-1
0.959 mi.
5062 ft.

CRES #17 SITE 2 5640005 **ENVIROSTOR** **S107736193**
33RD AVENUE TO THE NORTH, WADSWORTH AVENUE TO THE EAST, JEFF **SCH** **N/A**
LOS ANGELES, CA 90095

Relative:
Higher

Actual:
205 ft.

ENVIROSTOR:
Facility ID: 60000078
Status: Certified
Status Date: 08/25/2008
Site Code: 304493
Site Type: School Cleanup
Site Type Detailed: School
Acres: 3.02
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Javier Hinojosa
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 59
Senate: 30
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 34.01452
Longitude: -118.2604

CRES #17 SITE 2 5640005 (Continued) **S107736193**

APN: 5114-017-001
Past Use: RESIDENTIAL AREA
Potential COC: Arsenic Benzene Acetone Antimony and compounds Barium and compounds Beryllium and compounds Cadmium and compounds Benz[a]anthracene Benzo[b]fluoranthene Benzo[a]pyrene Chrysene Fluoranthene Indeno[1,2,3-cd]pyrene
Confirmed COC: Benz[a]anthracene Benzo[b]fluoranthene Benzo[a]pyrene Chrysene Fluoranthene Indeno[1,2,3-cd]pyrene Acetone Antimony and compounds Barium and compounds Beryllium and compounds Cadmium and compounds Arsenic Benzene
Potential Description: SOIL, SV
Alias Name: LAUSD-CRES #17 SITE 2 5640005
Alias Type: Alternate Name
Alias Name: 5114-017-001
Alias Type: APN
Alias Name: 110033616521
Alias Type: EPA (FRS #)
Alias Name: 304493
Alias Type: Project Code (Site Code)
Alias Name: 60000078
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/09/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/16/2008
Comments: All the work has been completed and certified.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 08/15/2008
Comments: project is now complete.

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: School Cleanup Agreement
Completed Date: 07/03/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 06/09/2005
Comments: Concurred with SOW

CRES #17 SITE 2 5640005 (Continued) **S107736193**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/19/2005
Comments: FA for high PB; also need SSI for LBP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/03/2005
Comments: FA for PB impacts; 35 cy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 06/13/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/20/2007
Comments: RAW approval for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 03/09/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 4.15 Request
Completed Date: 06/28/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/03/2007
Comments: DTSC concurred by email.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 01/11/2008
Comments: The RACR was approved with two minor comments, which were later addressed by LAUSD.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 02/18/2005
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported

CRES #17 SITE 2 5640005 (Continued) **S107736193**

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:

Facility ID:	60000078
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	3.02
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:	304493
Assembly:	59
Senate:	30
Special Program Status:	Not reported
Status:	Certified
Status Date:	08/25/2008
Restricted Use:	NO
Funding:	School District
Latitude:	34.01452
Longitude:	-118.2604
APN:	5114-017-001
Past Use:	RESIDENTIAL AREA
Potential COC:	Arsenic, Benzene, Acetone, Antimony and compounds, Barium and compounds, Beryllium and compounds, Cadmium and compounds, Benz[a]anthracene, Benzo[b]fluoranthene, Benzo[a]pyrene, Chrysene, Fluoranthene, Indeno[1,2,3-cd]pyrene
Confirmed COC:	Benz[a]anthracene, Benzo[b]fluoranthene, Benzo[a]pyrene, Chrysene, Fluoranthene, Indeno[1,2,3-cd]pyrene, Acetone, Antimony and compounds, Barium and compounds, Beryllium and compounds, Cadmium and compounds, Arsenic, Benzene
Potential Description:	SOIL, SV
Alias Name:	LAUSD-CRES #17 SITE 2 5640005
Alias Type:	Alternate Name
Alias Name:	5114-017-001
Alias Type:	APN
Alias Name:	110033616521
Alias Type:	EPA (FRS #)
Alias Name:	304493
Alias Type:	Project Code (Site Code)
Alias Name:	60000078
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

CRES #17 SITE 2 5640005 (Continued) **S107736193**

Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/09/2005
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 09/16/2008
Comments: All the work has been completed and certified.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 08/15/2008
Comments: project is now complete.

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: School Cleanup Agreement
Completed Date: 07/03/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 06/09/2005
Comments: Concurred with SOW

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/19/2005
Comments: FA for high PB; also need SSI for LBP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/03/2005
Comments: FA for PB impacts; 35 cy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Workplan
Completed Date: 06/13/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/20/2007
Comments: RAW approval for implementation.

CRES #17 SITE 2 5640005 (Continued) **S107736193**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Supplemental Site Investigation Report
Completed Date:	03/09/2007
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	4.15 Request
Completed Date:	06/28/2007
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	08/03/2007
Comments:	DTSC concurred by email.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	01/11/2008
Comments:	The RACR was approved with two minor comments, which were later addressed by LAUSD.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	02/18/2005
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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91 SSW 1/2-1 0.965 mi. 5093 ft. **AMERICAN BUMPER SALES** **ENVIROSTOR** **S105954465**
1150 EAST SLAUSON AVENUE **N/A**
LOS ANGELES, CA 90011

Relative: Lower

Actual: 172 ft.

ENVIROSTOR:

Facility ID:	19750098
Status:	Inactive - Action Required
Status Date:	06/30/2003
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA

AMERICAN BUMPER SALES (Continued) **S105954465**

Program Manager:	Not reported
Supervisor:	Rita Kamat
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.99036
Longitude:	-118.2570
APN:	NONE SPECIFIED
Past Use:	MACHINE SHOP, METAL FINISHING, METAL RECLAMATION
Potential COC:	* UNSPECIFIED SOLVENT MIXTURES * WASTE OIL & MIXED OIL Lead
Confirmed COC:	NONE SPECIFIED
Potential Description:	AQUI, SOIL, SV
Alias Name:	SLAUSON TRANSMISSIONS
Alias Type:	Alternate Name
Alias Name:	TZENG LONG USA, INC.
Alias Type:	Alternate Name
Alias Name:	CAN000905880
Alias Type:	CERCLIS ID
Alias Name:	19750098
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:	06/30/2003
Comments:	Completed Preliminary Assessment of American Bemper Sales for Federal EPA.
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

92
SSW
1/2-1
0.994 mi.
5246 ft.

ADVANCE ALUMINUM & BRASS INC **ENVIROSTOR** **S106825375**
1001 E SLAUSON AVE **EMI** **N/A**
LOS ANGELES, CA 92647

Relative:
Lower

Actual:
173 ft.

ENVIROSTOR:

Facility ID:	19340787
Status:	Inactive - Action Required
Status Date:	07/18/2002
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	2
NPL:	NO

ADVANCE ALUMINUM & BRASS INC (Continued) **S106825375**

Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	Rita Kamat
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	30
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	33.98986
Longitude:	-118.2580
APN:	5103015041
Past Use:	MANUFACTURING - METAL
Potential COC:	Arsenic Lead Mercury (elemental Chromium III
Confirmed COC:	30152-NO 30001-NO 30013-NO 30014-NO
Potential Description:	SOIL
Alias Name:	5103015041
Alias Type:	APN
Alias Name:	CAN000905726
Alias Type:	CERCLIS ID
Alias Name:	19340787
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:	07/18/2002
Comments:	Conduct preliminary site assessment included: records review and site reconnaissance. Recommended further sampling for next fiscal year.
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

EMI:

Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	16562
Air District Name:	SC
SIC Code:	3365
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	17
Reactive Organic Gases Tons/Yr:	12
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0

ADVANCE ALUMINUM & BRASS INC (Continued) **S106825375**

SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

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93 SSE 1/2-1 0.998 mi. 5267 ft.

WEST COAST METAL FINISHING CO.
5742 BANDERA STREET
LOS ANGELES, CA 90058

ENVIROSTOR **S110494460**
N/A

Relative: Lower

Actual: 180 ft.

ENVIROSTOR:

Facility ID:	71002923
Status:	Refer: Other Agency
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Chatsworth
Assembly:	59
Senate:	33
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.98999
Longitude:	-118.2397
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD981693856
Alias Type:	EPA Identification Number
Alias Name:	110002755386
Alias Type:	EPA (FRS #)
Alias Name:	71002923
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Phase 1 Non-Submittal
Completed Date:	06/23/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	04/27/2001
Comments:	Not reported
Future Area Name:	Not reported

WEST COAST METAL FINISHING CO. (Continued) **S110494460**

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: 5 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LOS ANGELES	S105840739	JEFFERSON HOOPER PRIMARY SCHOOL NO	52ND STREET/HOOPER AVENUE	90011	ENVIROSTOR, SCH
LOS ANGELES	S110711857	SOUTH CENTRAL DISCOVERY PROJECT	SOUTH CENTRAL LOS ANGELES AREA	90001	RESPONSE, ENVIROSTOR
LOS ANGELES	S107737379	SOUTH REGION ES #2, SITE 6A 564001	S. CENTRAL/EAST FLORENCE	90001	ENVIROSTOR, SCH
LOS ANGELES	S105628622	JEFFERSON ELEMENTARY SCHOOL NO. 1	MARTIN LUTHER KING JR. BLVD./A	90011	ENVIROSTOR, SCH
VERNON	S120052862	VERNON PERCHLORATE	SACO ST	90058	RESPONSE, ENVIROSTOR

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

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: 04/05/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 06/08/2017
Next Scheduled EDR Contact: 07/17/2017
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: 04/05/2017
Date Data Arrived at EDR: 04/21/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 21

Source: EPA
Telephone: N/A
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 07/17/2017
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: 04/05/2017	Source: EPA
Date Data Arrived at EDR: 04/21/2017	Telephone: N/A
Date Made Active in Reports: 05/12/2017	Last EDR Contact: 06/09/2017
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/17/2017
	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: 11/07/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/05/2017	Telephone: 703-603-8704
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 04/07/2017
Number of Days to Update: 92	Next Scheduled EDR Contact: 07/17/2017
	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: 02/07/2017	Source: EPA
Date Data Arrived at EDR: 04/19/2017	Telephone: 800-424-9346
Date Made Active in Reports: 05/05/2017	Last EDR Contact: 06/08/2017
Number of Days to Update: 16	Next Scheduled EDR Contact: 07/31/2017
	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: 02/07/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 16

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/08/2017
Next Scheduled EDR Contact: 07/31/2017
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: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
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: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
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: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
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: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - 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). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

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: 12/28/2016
Date Data Arrived at EDR: 01/04/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 93

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
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: 02/13/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 101

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
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: 02/13/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 101

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
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: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 43

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/29/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Annually

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: 01/30/2017
Date Data Arrived at EDR: 01/31/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 112

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 08/14/2017
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: 01/30/2017
Date Data Arrived at EDR: 01/31/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 112

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 08/14/2017
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: 02/13/2017
Date Data Arrived at EDR: 02/15/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 76

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/17/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 49
Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

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 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 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 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: Quarterly

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 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 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

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

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: 11/14/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
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: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Semi-Annually

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 10/07/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

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: 10/06/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 10/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
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: 10/17/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

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: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
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: Quarterly

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: Semi-Annually

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: Varies

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: Semi-Annually

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: Semi-Annually

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: Semi-Annually

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: Annually

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: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 04/11/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/12/2017
Date Data Arrived at EDR: 03/16/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 57

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
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: 03/24/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Quarterly

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: 01/14/2017
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
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: 10/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Semi-Annually

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: 09/01/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
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: 10/17/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

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: 10/06/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

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: 11/14/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
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: 10/14/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 98

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Semi-Annually

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: 10/07/2016
Date Data Arrived at EDR: 01/26/2017
Date Made Active in Reports: 05/05/2017
Number of Days to Update: 99

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

State and tribal voluntary cleanup sites

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: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
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

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: 01/30/2017
Date Data Arrived at EDR: 01/31/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 112

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Quarterly

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: 01/03/2017
Date Data Arrived at EDR: 01/04/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 57

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 03/29/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

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: 03/02/2017
Date Data Arrived at EDR: 03/02/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 03/02/2017
Next Scheduled EDR Contact: 07/03/2017
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: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 50

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 01/13/2017
Date Data Arrived at EDR: 01/17/2017
Date Made Active in Reports: 05/31/2017
Number of Days to Update: 134

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
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: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

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

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: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
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: 05/05/2017
Next Scheduled EDR Contact: 08/14/2017
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: 02/09/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 93

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 02/28/2017
Next Scheduled EDR Contact: 06/12/2017
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: 01/30/2017
Date Data Arrived at EDR: 01/31/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 112

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 54

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Varies

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: 02/09/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 06/09/2017
Number of Days to Update: 93

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Quarterly

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: 03/09/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 67

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
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

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/06/2017
Date Data Arrived at EDR: 03/07/2017
Date Made Active in Reports: 04/21/2017
Number of Days to Update: 45

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/18/2017
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: 02/18/2014
Date Data Arrived at EDR: 03/18/2014
Date Made Active in Reports: 04/24/2014
Number of Days to Update: 37

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

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: 03/06/2017
Date Data Arrived at EDR: 03/07/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 77

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/06/2017
Next Scheduled EDR Contact: 09/18/2017
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: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 37

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/29/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Annually

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: 12/06/2016
Date Data Arrived at EDR: 01/25/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 105

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

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: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 49

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
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: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 49

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
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: 12/12/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 44

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 04/10/2017
Data Release Frequency: Varies

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: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/24/2017
Next Scheduled EDR Contact: 06/05/2017
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: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
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: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
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: 05/19/2017
Next Scheduled EDR Contact: 08/28/2017
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: 02/13/2017
Date Data Arrived at EDR: 02/15/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/17/2017
Next Scheduled EDR Contact: 08/28/2017
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: 05/08/2017
Next Scheduled EDR Contact: 08/21/2017
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: 04/22/2013
Date Data Arrived at EDR: 03/03/2015
Date Made Active in Reports: 03/09/2015
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
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: 12/31/2012
Date Data Arrived at EDR: 01/15/2015
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 14

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/24/2017
Next Scheduled EDR Contact: 07/03/2017
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: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/26/2017
Next Scheduled EDR Contact: 09/04/2017
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: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/26/2017
Next Scheduled EDR Contact: 08/07/2017
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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/18/2017
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: 02/01/2017
Date Data Arrived at EDR: 02/09/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 57

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/21/2017
Next Scheduled EDR Contact: 08/07/2017
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: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 06/06/2017
Next Scheduled EDR Contact: 08/21/2017
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: 01/20/2016
Date Data Arrived at EDR: 04/28/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 127

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
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: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
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: 05/19/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

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: 05/19/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

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: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 05/08/2017
Next Scheduled EDR Contact: 08/21/2017
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: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
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: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
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: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 04/28/2017
Next Scheduled EDR Contact: 08/07/2017
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: 01/04/2017
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 35

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 04/06/2017
Next Scheduled EDR Contact: 07/17/2017
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: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/02/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 77

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
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: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 05/26/2017
Next Scheduled EDR Contact: 09/04/2017
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: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
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: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
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: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 12/05/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 07/17/2017
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: 03/07/2017
Next Scheduled EDR Contact: 07/10/2017
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: 03/07/2017
Next Scheduled EDR Contact: 04/10/2017
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: 02/08/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 38

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 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: 05/31/2017
Next Scheduled EDR Contact: 09/11/2017
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: 06/02/2017
Next Scheduled EDR Contact: 09/11/2017
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: 03/14/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 21

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/25/2017
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: 04/04/2017
Date Data Arrived at EDR: 04/07/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 35

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/19/2017
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015
Date Data Arrived at EDR: 01/29/2016
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 67

Source: Department of Defense
Telephone: 571-373-0407
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing
A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/03/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 91

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/22/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 79

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/04/2017
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: 12/28/2016
Date Data Arrived at EDR: 12/28/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 64

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 03/29/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Quarterly

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: 03/09/2017
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 42

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/18/2017
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: 12/31/2014
Date Data Arrived at EDR: 09/23/2016
Date Made Active in Reports: 10/24/2016
Number of Days to Update: 31

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 03/21/2017
Next Scheduled EDR Contact: 07/03/2017
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: 01/23/2017
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 118

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/25/2016
Date Data Arrived at EDR: 04/29/2016
Date Made Active in Reports: 06/21/2016
Number of Days to Update: 53

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 08/07/2017
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: 02/14/2017
Date Data Arrived at EDR: 02/17/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 97

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
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: 12/31/2015
Date Data Arrived at EDR: 10/12/2016
Date Made Active in Reports: 12/15/2016
Number of Days to Update: 64

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 62

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/04/2017
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: 11/21/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 62

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/04/2017
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: 04/11/2017
Date Data Arrived at EDR: 04/13/2017
Date Made Active in Reports: 04/26/2017
Number of Days to Update: 13

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 04/13/2017
Next Scheduled EDR Contact: 07/24/2017
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: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Varies

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: 12/02/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 86

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/06/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/15/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 107

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/17/2017
Next Scheduled EDR Contact: 08/28/2017
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: 12/06/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 03/03/2017
Number of Days to Update: 87

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/13/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 50

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
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: 12/16/2016
Date Data Arrived at EDR: 12/22/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 04/03/2017
Next Scheduled EDR Contact: 07/03/2017
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: 01/20/2017
Date Data Arrived at EDR: 03/14/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 50

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
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 board?s review found that more than one-third of the region?s active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 04/14/2017
Next Scheduled EDR Contact: 07/24/2017
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: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Quarterly

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: 03/24/2017
Next Scheduled EDR Contact: 07/10/2017
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 Historic Gas 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 Historic Dry 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:

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: 04/10/2017
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 31

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/10/2017
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 21

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/06/2017
Date Data Arrived at EDR: 03/08/2017
Date Made Active in Reports: 04/14/2017
Number of Days to Update: 37

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

Date of Government Version: 01/31/2017
Date Data Arrived at EDR: 02/07/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 94

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

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: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 02/23/2017
Date Data Arrived at EDR: 02/24/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 77

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/17/2016
Date Data Arrived at EDR: 11/22/2016
Date Made Active in Reports: 01/26/2017
Number of Days to Update: 65

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 01/31/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/14/2017
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/24/2017
Date Data Arrived at EDR: 02/28/2017
Date Made Active in Reports: 05/12/2017
Number of Days to Update: 73

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 04/06/2017
Date Data Arrived at EDR: 04/07/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 40

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 03/31/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 111

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/20/2017
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 57

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 01/23/2017
Date Data Arrived at EDR: 01/25/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 36

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/09/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 77

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 02/07/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 81

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

KINGS COUNTY:

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: 03/06/2017
Date Data Arrived at EDR: 03/07/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 71

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/18/2017
Date Data Arrived at EDR: 01/20/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 41

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 111

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

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: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 03/20/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/14/2016
Date Data Arrived at EDR: 11/18/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 66

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/17/2017
Date Data Arrived at EDR: 04/18/2017
Date Made Active in Reports: 05/02/2017
Number of Days to Update: 14

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 04/18/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 03/29/2016
Date Data Arrived at EDR: 04/06/2016
Date Made Active in Reports: 06/13/2016
Number of Days to Update: 68

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/17/2017
Date Data Arrived at EDR: 01/18/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 112

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 04/17/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/10/2017
Date Data Arrived at EDR: 01/13/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 110

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 04/10/2017
Next Scheduled EDR Contact: 07/24/2017
Data Release Frequency: Semi-Annually

MADERA COUNTY:

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: 03/03/2017
Date Data Arrived at EDR: 03/07/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 71

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 03/31/2017
Date Data Arrived at EDR: 04/06/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 27

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 03/31/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/22/2017
Date Data Arrived at EDR: 02/23/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 83

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 02/21/2017
Date Data Arrived at EDR: 03/02/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 76

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/24/2016
Date Data Arrived at EDR: 06/27/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 43

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

NAPA COUNTY:

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: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 03/15/2017
Date Data Arrived at EDR: 03/16/2017
Date Made Active in Reports: 05/09/2017
Number of Days to Update: 54

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 02/09/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 05/17/2017
Number of Days to Update: 96

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 02/06/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 04/21/2017
Number of Days to Update: 70

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/08/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 11/04/2016
Date Data Arrived at EDR: 11/11/2016
Date Made Active in Reports: 01/23/2017
Number of Days to Update: 73

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/08/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 02/06/2017
Date Data Arrived at EDR: 02/07/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 85

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/09/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/02/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 01/31/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 111

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/18/2017
Date Data Arrived at EDR: 04/20/2017
Date Made Active in Reports: 04/21/2017
Number of Days to Update: 1

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/20/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 01/19/2017
Date Data Arrived at EDR: 01/25/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 98

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 03/20/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 56

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

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: 11/08/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 56

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 04/04/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 02/09/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 105

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

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: 12/09/2016
Date Data Arrived at EDR: 12/13/2016
Date Made Active in Reports: 03/03/2017
Number of Days to Update: 80

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 05/08/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

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: 10/05/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 86

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/07/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Quarterly

Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

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: 06/05/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

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: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 02/28/2017
Date Data Arrived at EDR: 03/02/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 62

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/21/2017
Date Data Arrived at EDR: 03/23/2017
Date Made Active in Reports: 05/09/2017
Number of Days to Update: 47

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 03/20/2017
Next Scheduled EDR Contact: 07/03/2017
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 02/21/2017
Date Data Arrived at EDR: 02/21/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 91

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/15/2017
Date Data Arrived at EDR: 04/07/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 33

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/15/2017
Date Data Arrived at EDR: 04/07/2017
Date Made Active in Reports: 04/21/2017
Number of Days to Update: 14

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

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: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 02/22/2017
Date Data Arrived at EDR: 02/23/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 89

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

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

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: 05/24/2017
Next Scheduled EDR Contact: 09/11/2017
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 11/10/2016
Date Made Active in Reports: 01/24/2017
Number of Days to Update: 75

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

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: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 03/14/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 67

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2016
Date Data Arrived at EDR: 12/21/2016
Date Made Active in Reports: 12/22/2016
Number of Days to Update: 1

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 03/15/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 47

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/09/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List
Cupa Facility list

Date of Government Version: 03/01/2017
Date Data Arrived at EDR: 03/30/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 54

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/04/2017
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 55

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 03/27/2017
Next Scheduled EDR Contact: 07/10/2017
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/20/2017
Date Data Arrived at EDR: 01/24/2017
Date Made Active in Reports: 05/18/2017
Number of Days to Update: 114

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 11/30/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 12/02/2016
Date Data Arrived at EDR: 12/06/2016
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 09/18/2017
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List
Cupa facilities

Date of Government Version: 01/05/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 104

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/05/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/23/2017
Date Data Arrived at EDR: 01/25/2017
Date Made Active in Reports: 05/18/2017
Number of Days to Update: 113

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

TULARE COUNTY:

CUPA Facility List
Cupa program facilities

Date of Government Version: 01/05/2017
Date Data Arrived at EDR: 02/10/2017
Date Made Active in Reports: 05/25/2017
Number of Days to Update: 104

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 06/02/2017
Next Scheduled EDR Contact: 08/21/2017
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 01/25/2017
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 34

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Varies

VENTURA COUNTY:

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: 12/27/2016
Date Data Arrived at EDR: 01/27/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 103

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

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: 03/31/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Annually

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: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 10/27/2016
Date Made Active in Reports: 01/24/2017
Number of Days to Update: 89

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 04/24/2017
Next Scheduled EDR Contact: 08/07/2017
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 02/27/2017
Date Data Arrived at EDR: 03/15/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/14/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/31/2017
Date Data Arrived at EDR: 04/06/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 27

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 03/31/2017
Next Scheduled EDR Contact: 07/17/2017
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/30/2017
Date Data Arrived at EDR: 01/31/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 112

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 05/01/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/15/2017
Next Scheduled EDR Contact: 08/28/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 01/03/2017
Number of Days to Update: 96

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 04/11/2017
Next Scheduled EDR Contact: 07/24/2017
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: 01/30/2017
Date Data Arrived at EDR: 02/01/2017
Date Made Active in Reports: 02/13/2017
Number of Days to Update: 12

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2017
Next Scheduled EDR Contact: 08/14/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/18/2017
Next Scheduled EDR Contact: 07/31/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/22/2017
Next Scheduled EDR Contact: 09/04/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/12/2017
Next Scheduled EDR Contact: 09/25/2017
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
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 PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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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 & Game
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

ASCOT AVENUE ELEMENTARY SCHOOL
1447 E 45TH STREET
LOS ANGELES, CA 90011

TARGET PROPERTY COORDINATES

Latitude (North):	34.0035419994107 - 34˚ 0’ 12.75’’
Longitude (West):	118.2483403628 - 118˚ 14’ 54.03’’
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	384717.2
UTM Y (Meters):	3763056.8
Elevation:	197 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5630795 LOS ANGELES, CA
Version Date:	2012
Southeast Map:	5633765 SOUTH GATE, CA
Version Date:	2012
Southwest Map:	5640440 INGLEWOOD, CA
Version Date:	2012
Northwest 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 principal 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).

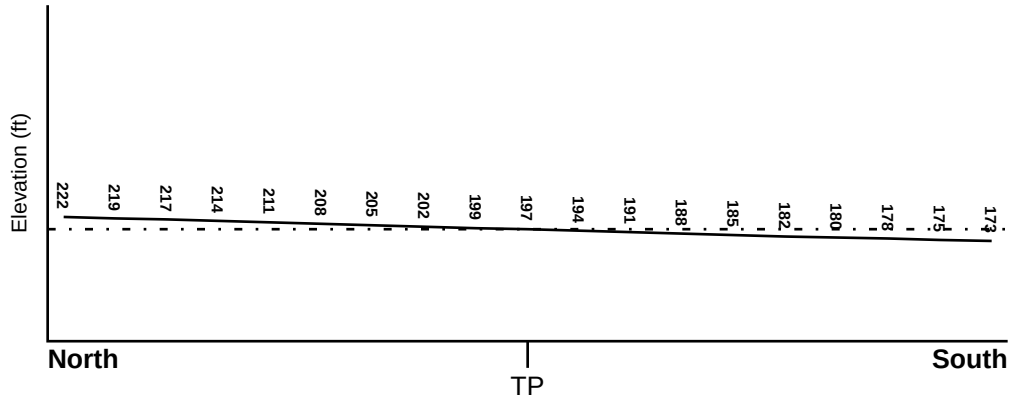
TOPOGRAPHIC INFORMATION

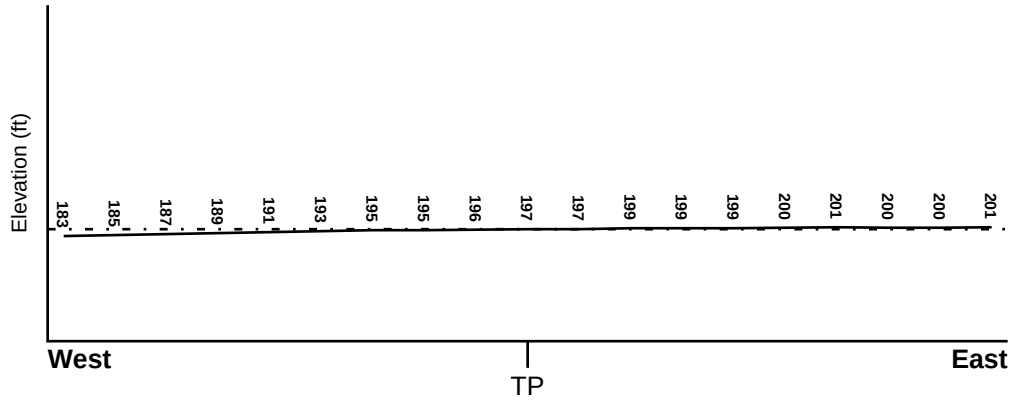
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 197 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
06037C1638F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1620F	FEMA FIRM Flood data
06037C1785F	FEMA FIRM Flood data
06037C1805F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
LOS ANGELES	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
Location Relative to TP:	1/2 - 1 Mile North
Site Name:	RENU PLATING CO INC
Site EPA ID Number:	CAD048479497
Groundwater Flow Direction:	GENERALLY SW.
Inferred Depth to Water:	50 feet to 100 feet.
Hydraulic Connection:	The Bellflower aquiclude is not present at the site. The Gaspur, Exposition, and Gage aquifers of the Lakewood formation underlie the site and are hydraulically connected. The Lakewood formation is underlain by a clay layer.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

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

* ©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

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
2	1/2 - 1 Mile NW	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed 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: loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types: loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types: fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types: stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy 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 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	USGS40000139750	1/2 - 1 Mile ENE
5	USGS40000139677	1/2 - 1 Mile ESE
6	USGS40000139729	1/2 - 1 Mile East

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

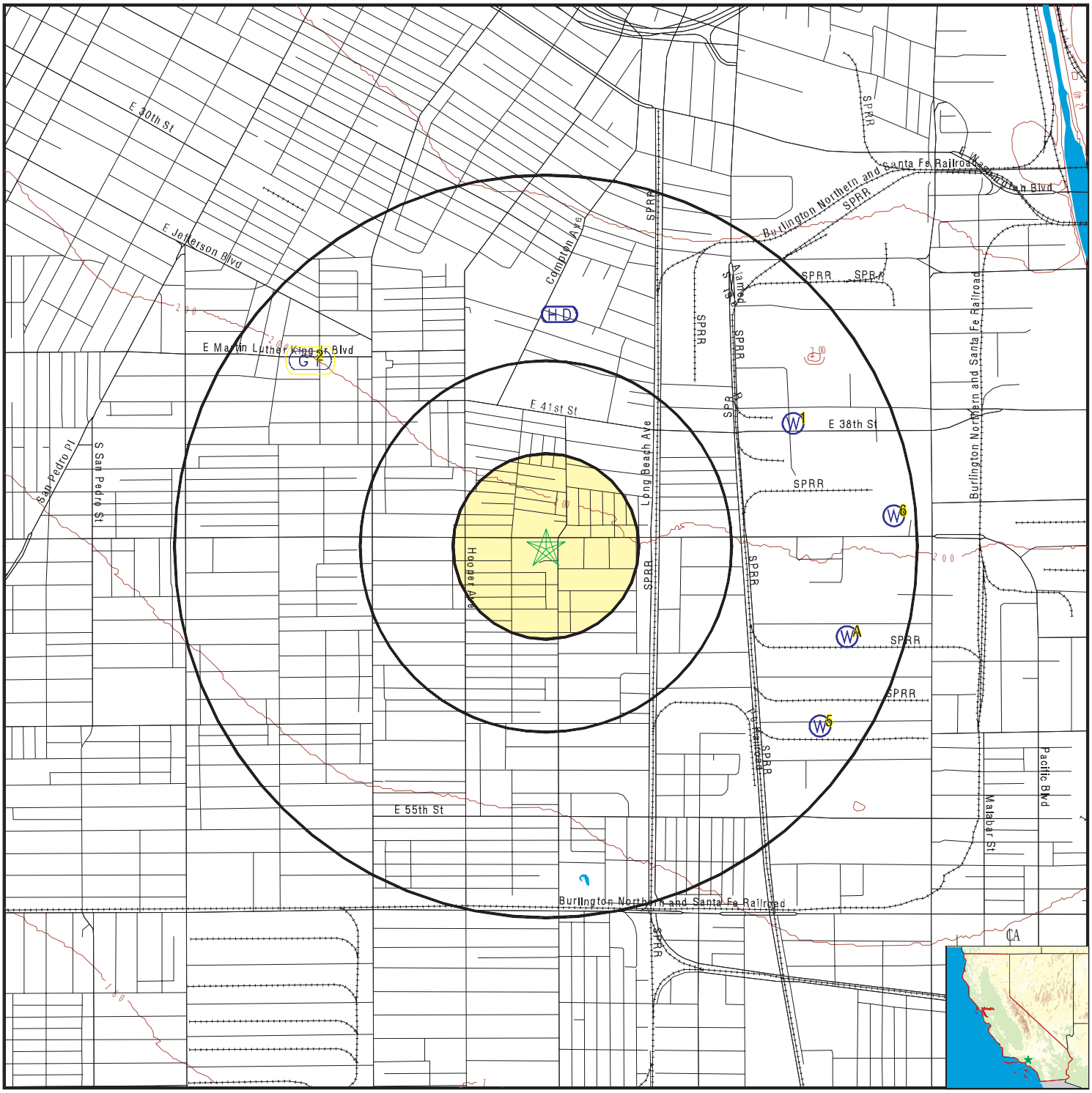
MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	2920	1/2 - 1 Mile ESE
A4	2903	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 4974651.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

0 1/4 1/2 1 Miles

- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

N

SITE NAME:	Ascot Avenue Elementary School	CLIENT:	ENSAFE
ADDRESS:	1447 E 45th Street Los Angeles CA 90011	CONTACT:	Alex Mitoma
		INQUIRY #:	4974651.2s
LAT/LONG:	34.0035419994107 / 118.248340362812	DATE:	June 23, 2017 7:50 am

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Map ID Direction Distance Elevation	Database	EDR ID Number
1 **ENE** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000139750**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340030118140901		
Monloc name:	002S013W10M001S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070105	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0083473
Longitude:	-118.2367398	Sourcemap scale:	24000
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	874
Welldepth units:	ft	Wellholedepth:	874
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

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2 **NW** **1/2 - 1 Mile** **Higher**	Site ID:	900570061	**AQUIFLOW**	**55204**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	8.37		
	Deep Water Depth:	12		
	Average Water Depth:	Not Reported		
	Date:	08/07/1996		

A3 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**2920**

Water System Information:

Prime Station Code:	02S/13W-15E02 S	User ID:	4TH
FRDS Number:	1910167012	County:	Los Angeles
District Number:	07	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Active Untreated
Source Lat/Long:	340000.0 1181400.0	Precision:	Undefined
Source Name:	WELL 18		
System Number:	1910167		
System Name:	VERNON-CITY, WATER DEPT.		
Organization That Operates System:			
	4305 SANTA FE AVE VERNON, CA 90058		
Pop Served:	46000	Connections:	1068
Area Served:	VERNON		

Map ID Direction Distance Elevation	Database	EDR ID Number
A4 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**2903**

Water System Information:

Prime Station Code:	02S/13W-10M01 S	User ID:	MET
FRDS Number:	1910077008	County:	Los Angeles
District Number:	15	Station Type:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	340000.0 1181400.0	Precision:	Undefined
Source Name:	ROSS WELL 03 - DESTROYED		
System Number:	1910077		
System Name:	SCWC - FLORENCE/GRAHAM		
Organization That Operates System:			
	P.O. BOX 9016 ST		
	SAN DIMAS, CA 91773		
Pop Served:	26863	Connections:	9350
Area Served:	FLORENCE GRAHAM		

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5 **ESE** **1/2 - 1 Mile** **Lower**	**FED USGS**	**USGS40000139677**

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-335947118140401		
Monloc name:	002S013W15E002S		
Monloc type:	Well		
Monloc desc:	LA WATER REPLENISHMENT DIST GPS LAT/LONG		
Huc code:	18070105	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	33.9965227
Longitude:	-118.2354758	Sourcemap scale:	24000
Horiz Acc measure:	.5	Horiz Acc measure units:	seconds
Horiz Collection method:	Global positioning system (GPS), uncorrected		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	1361
Welldepth units:	ft	Wellholedepth:	1443
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

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6 **East** **1/2 - 1 Mile** **Higher**	**FED USGS**	**USGS40000139729**

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier:	USGS-CA		
Formal name:	USGS California Water Science Center		
Monloc Identifier:	USGS-340017118135201		
Monloc name:	002S013W10P005S		
Monloc type:	Well		
Monloc desc:	Not Reported		
Huc code:	18070105	Drainagearea value:	Not Reported
Drainagearea Units:	Not Reported	Contrib drainagearea:	Not Reported
Contrib drainagearea units:	Not Reported	Latitude:	34.0047363
Longitude:	-118.2320174	Sourcemap scale:	Not Reported
Horiz Acc measure:	1	Horiz Acc measure units:	seconds
Horiz Collection method:	Interpolated from map		
Horiz coord refsys:	NAD83	Vert measure val:	Not Reported
Vert measure units:	Not Reported	Vertacc measure val:	Not Reported
Vert accmeasure units:	Not Reported		
Vertcollection method:	Not Reported		
Vert coord refsys:	Not Reported	Countrycode:	US
Aquifername:	California Coastal Basin aquifers		
Formation type:	Not Reported		
Aquifer type:	Not Reported		
Construction date:	Not Reported	Welldepth:	1186
Welldepth units:	ft	Wellholedepth:	1325
Wellholedepth units:	ft		

Ground-water levels, Number of Measurements: 0

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90011	1	0

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 & Game
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.

RADON

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
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.

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.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

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 G
Environmental Professional Qualifications

COUNTY OF LOS ANGELES
Public Health

BARBARA FERRER, Ph.D., M.P.H., M.Ed.
Director

JEFFREY D. GUNZENHAUSER, M.D., M.P.H.
Interim Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

SEIRA KURIAN, M.D., M.P.H.
Deputy Medical Director and Director, Division of Medical and Dental Affairs

LEOLA MERCADEL
Director, Public Health Investigation Administration
5555 Ferguson Drive, Suite 120-04
Commerce, CA 90022
TEL (323) 890-7801 • FAX (323) 728-0217

www.publichealth.lacounty.gov

BOARD OF SUPERVISORS

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Kathryn Barger
Fifth District

July 03, 2017

ENSAFE
ALEX MITOMA
5001 AIRPORT PLAZA DRIVE, STE. 260
LONG BEACH, CA 90815

SUBJECT: Request- Ascot Avenue Elementary School, 1447 East 45th Street, Los Angeles, CA90011 (Landfills and Septic Tanks)

I, the undersigned, being the Custodian of Records, certify that a thorough search of our files, carried out under my direction and control, revealed no records as named in your request for records.

It is to be understood that this does not mean that records do not exist under another spelling, another name, or under another classification, but that with the information furnished our office, and to the best of our knowledge, no such records exist in our files.

Sincerely,

Yvonne Curtis, Deputy Health Officer
Public Health Investigation

COR ID No. 174204

Request - NO Records
Revised 3/15/13

California Regional Water Quality Control Board

Los Angeles Region

320 W. 4th Street, Suite 200, Los Angeles, California 90013
Main Phone (213) 576-6600
Records Review FAX (213) 576-6676 **E-Mail**: RB4-Publicrecords@waterboards.ca.gov

Matthew Rodriquez
Secretary for Environmental Protection

Edmund G. Brown Jr.
Governor

Records Review Request Form

In order to respond to your request for review of public records, your assistance in indentifying the subject matter of the request is appreciated. Please limit your request to one facility or one site address for each request form. If you know the type of case or file that is being requested, please check the appropriate programs, or indicate if you would like to review all records:

Your contact information:

Name: Alex Mitoma Date: July 10, 2017

Company: EnSafe

Mailing Address: 5001 Airport Plaza Drive, Suite 260

City: Long Beach State: CA Zip Code: 90815

Phone Number: (562) 257-1534 Fax Number: (562)740-1070 E-Mail Address: amitoma@ensafe.com

Requested Record Type:

- ☐ NPDES permitting
  - ☐ Individual permits
  - ☐ General permits
- ☐ Contaminated Sediment
- ☐ Total Maximum Daily Loads (If known, specify the TMDL of interest)
- ☐ Basin Planning (specify amendment or Resolution No. of interest, if appropriate)
- ☐ Enforcement (If known, specify the case or site)
- ☐ Storm Water
  - ☐ Municipal Permits
    - ☐ Ventura
    - ☐ Los Angeles
    - ☐ Cal Trans
    - ☐ Other
  - ☐ General Industrial Stormwater Permit
  - ☐ General Construction Stormwater Permit
- ☒ Underground Tanks
- ☒ Remediation \
- ☒ Groundwater Permitting
  - ☐ Waste Discharge Requirements (WDR)
    - ☐ WDR for Groundwater Remediation at Petroleum Hydrocarbon Fuel, Volatile Organic Compound or Hexavalent Chromium Impacted Sites
    - ☐ WDR for Onsite Wastewater Treatment Systems or land discharge
- ☒ Land Disposal
- ☐ All Records

Time Period of Documents Requested: ☒ All From: To:

Requested Facility/Site Information

Facility Name: Ascot Avenue Elementary School

Facility Address: 1447 E 45th St

City: Los Angeles State: CA Zip Code: 90011

Facility WDID No. (if known): NPDES Permit No. (if known):

Case No./C.I. No. (if known) File No. (if known):

Alex Mitoma

From: WB-RB4-PublicRecords <RB4-PublicRecords.RB4-PublicRecords@waterboards.ca.gov>
Sent: Thursday, July 20, 2017 12:25 PM
To: Alex Mitoma
Cc: WB-RB4-PublicRecords
Subject: Public Records Request / Tracking 2017071204

********* Please submit future file review requests to the LARWQCB via e-mail to RB4-publicrecords@waterboards.ca.gov.*********

Thank you for your request to review Regional Board records concerning the property on:

- 1447 East 45th Street, Los Angeles, CA 90011

The Regional Board has reviewed its files and has concluded that it does not have any records that are responsive to your request.

Thank you,

Clarita Quidilla
Los Angeles Regional Water Quality Control Board

From: Alex Mitoma [mailto:amitoma@ensafe.com]
Sent: Monday, July 10, 2017 4:39 PM
To: WB-RB4-PublicRecords <RB4-PublicRecords.RB4-PublicRecords@waterboards.ca.gov>
Subject: Records Review Request Form: Ascot Avenue Elementary School

Hello,

Attached is a request for records review from EnSafe. If you'd prefer the submission in a different format or if you'd like additional information, I'd be happy to provide it. I'm available M-F 8:00 AM - 5:00 PM via any of the means listed in this email's signature.

Thanks,

Alex Mitoma, EIT
Environmental Scientist
(562) 257-1534 *direct*
(281) 740-1060 *main*
(303) 929-2971 *cell*
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815
ENSAFE creative thinking | custom solutions

Alex Mitoma

From: cupaintern1.lafd@lacity.org on behalf of LAFD UstTestNotify <lafd.usttestnotify@lacity.org>
Sent: Friday, June 30, 2017 9:26 AM
To: Alex Mitoma
Subject: Re: Records Review Request Form: Ascot Avenue Elementary School

Hi,

Thank you for submitting your records request. LAFD CUPA is currently updating our process for submitting requests for information (RFI) and have recently made a number of resources available online that will allow you to determine prior to submitting a request if we have any information available for a particular address or business. If you would like to process this request, please reply to this message using the steps below.

1. Download the Underground Storage Tank lists of active and inactive CUPA regulated facilities and/or historical files in Los Angeles City on our site at http://www.lafd.org/public-records

2. Search for the facility or address for which you are requesting information.

3. If your facility or address is listed in our active or inactive lists and you would still like to process this request, please re-submit your RFI request with the facility ID(s) for that particular address using the new request form online.

4. If your facility or address is listed in our historical files and you would still like to process this request, please re-submit your RFI request by responding to this email using the new request form online.

If it is not listed in either list, we do not currently have any information available for that address or facility.

NOTE: Any address or facility not listed in these records indicates that we do not currently have information available.

Thank you,

LAFD CUPA

213-978-3700

On Thu, Jun 22, 2017 at 10:44 AM, Alex Mitoma <amitoma@ensafe.com> wrote:

> Hello,

Attached is a request for records review from EnSafe. If you'd prefer the submission in a different format or if you'd like additional information, I'd be happy to provide it. I'm available M-F 8:00 AM - 5:00 PM via any of the means listed in this email's signature.

Thanks,

Alex Mitoma, EIT

Environmental Scientist

(562) 257-1534 *direct*

(281) 740-1060 *main* 5001 Airport Plaza Drive, Suite 260

(303) 929-2971 *cell* Long Beach, CA 90815

ENSAFE

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SCHEDULING COORDINATOR
lafd.usttestnotify@lacity.org

********** **Confidentiality Notice** **********
This electronic message transmission contains information from the Los Angeles Fire Department which may be confidential or proprietary. If you are not the intended recipient, be aware that any disclosure, copying, distribution or unauthorized use of the content of this information is prohibited. If you have received this communication in error, please notify us immediately by e-mail and delete the original message and any attachments without reading or saving in any manner.

Alex Mitoma

From: Melanie Foster <mfoster@aqmd.gov>
Sent: Thursday, June 29, 2017 3:18 PM
To: Alex Mitoma
Cc: OB PR Support NA Docs
Subject: PUBLIC RECORDS REQUEST #90821,
Attachments: ENG - Application Folder - 8/3/2016 - Fac ID: 163214 - Appl# 587649 - Permit# - Name: ASCOT ELEMENTARY -.pdf; ENG - Application Folder - 8/22/2012 - Fac ID: 163214 - Appl# 538764 - Permit# - Name: ASCOT ELEMENTARY -.pdf; ENG - Application Folder - 4/25/2014 - Fac ID: 163214 - Appl# 562229 - Permit# - Name: ASCOT ELEMENTARY -.pdf; ENG - Application Folder - 3/18/2010 - Fac ID: 163214 - Appl# 507998 - Permit# - Name: ASCOT ELEMENTARY -.pdf; - PR - PR Supporting Docs - 6/27/2017 - 90821 - - - COMPLETION LETTER - ALEX MITOMA.pdf; - PR - PR Review Docs - 6/23/2017 - 90821 - EQL 163214 - E7E1C9FB08047B41830E856910A3496C.TIF - - ALEX MITOMA.pdf

Good Afternoon,

Please refer to the available documents and completion letter in regards to your records request.

Thank you,

Melanie E. Foster
Public Records|South Coast A.Q.M.D.
Direct: 909-396-3772 | Telephone: 909-396-3700
Email: mfoster@aqmd.gov | Web: www.aqmd.gov

South Coast Air Quality Management District

Form R1415

Registration Form for Rule 1415 Refrigerant Usage for Air Conditioning Systems

South Coast AQMD

For online instructions and current fees, *click here*.

Mail To:
SCAQMD—Area Sources
21865 Copley Dr.
Diamond Bar, CA 91765
Tel: (909) 396-2390
www.aqmd.gov

Section A - Operator Information

1. Facility Name (Business Name of Operator): Ascot Elementary (2219)

2. Valid AQMD Facility ID (Leave blank if a new business): 163214

3. Owner's Business Name (If different from Business Name of Operator): **Los Angeles Unified School District**

Section B - Equipment Location Address

4. Equipment Location Is:

1447 E. 45th Street
Street Address

Los Angeles, CA 90011
City Zip

Joe Roberto — **Area HVAC Supervisor**
Contact Name Title

(213) 745-3343 Ext. **Joseph.Roberto@lausd.net**
Phone # Ext. E-Mail

Section C - Business Mailing Address

5. Correspondence Information:
☐ Check here if same as equipment location address

333 S. Beaudry Avenue
Address

Los Angeles, CA **90017**
City State Zip

Sean Higbee — **Energy Program Mgr**
Contact Name Title

(213) 241-6299 x16299 **Sean.Higbee@lausd.net**
Phone # Ext. E-Mail

Section D - Equipment Information/ Refrigerant Usage

6. For each air conditioning system at the above facility location that holds >50 lbs. of high global warming potential refrigerant, e.g., CFC(Chlorofluorocarbon), HCFC (Hydrochlorofluorocarbon), HFC (Hydrofluorocarbon), PFC (PERFLUOROCARBON), etc, please provide the following information:

Unit > 50 lbs.	Manufacturer	Model Number	Serial Number	Refrigerant Type	Storage Capacity (lbs. of refrigerant)	Date of Last Audit/ Maintenance	Refrigerant Added Annually (lbs.)	
							Usage Year (2014)	Usage Year (2015)
1.	Seasons Four (Circt 1)		6032-0499202	R-22	100	10/09/2015	0	0
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								

If there are more than 10 units please attach an additional form.

Section E - Facility Business Information

7. What type of business is being conducted at this equipment location? Schools

8. What is your business primary NAICS Code (North American Industrial Classification System)?

Section F - Authorization/Signature

I hereby certify that all information contained herein and information submitted with this application are true and correct.

9. Signature of Responsible Official: [signature]

10. Title of Responsible Official: **Energy Program Manager**

11. Print Name: **Sean Higbee**

12. Date: 06/07/2016

13. Check List: ☐ Authorized Signature/Date ☐ Fees Enclosed

AQMD USE ONLY	APPLICATION TRACKING # 587649	EQUIPMENT CATEGORY CODE: 666415 7/31/16	FEE $	VALIDATION 7/26/16
DATE A R	ENG.A R DATE	CLASS I III	ASSIGNMENT Unit Engineer	CHECK/MONEY ORDER # 23117360	AMOUNT $ 1087.28	TRACKING #

© South Coast Air Quality Management District, Rule 1415 Registration Form (2014.03)

(129160)

3/8

South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765
909.396.2000

Rule 1415 Registration Form
(For Air Conditioning Systems Only)

FACILITY INFORMATION

X AQMD ID # OR ☐ New Business
163214

FACILITY NAME	Ascot Elementary (2219)
LOCATION ADDRESS	1447 E 45TH ST
CITY	LOS ANGELES
STATE	CA
ZIP CODE	90011
CONTACT PHONE	213)241-2226
CONTACT PERSON	Aris Hovasapian
TITLE OF CONTACT PERSON	Senior Energy Specialist
TYPE OF BUSINESS	Public Education Facility
BUSINESS TYPE CODE (SEE INSTRUCTIONS)	611110

FOR THIS PROJECT, HAS A CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) DOCUMENT BEEN REQUIRED BY ANOTHER GOVERNMENT AGENCY? YES ☐ NO X
IF YES, ENTER NAME OF AGENCY:

DO YOU CLAIM CONFIDENTIALITY OF DATA? YES ☐ NO X

EQUIPMENT INFORMATION

FOR EACH **AIR CONDITIONING SYSTEM** AT THE ABOVE FACILITY LOCATION THAT HOLDS **>50 LBS. OF HIGH GLOBAL WARMING POTENTIAL REFRIGERANT, E.G., CFC (CHLOROFLUOROCARBON), HCFC (HYDROCHLOROFLUOROCARBON), HFC (HYDROFLUOROCARBON), PFC (PERFLUOROCARBON), ETC,** PLEASE PROVIDE THE FOLLOWING INFORMATION:

UNIT >50 lbs.	MANUFACTURER	MODEL YEAR	SERIAL NUMBER	REFRIGERANT TYPE	STORAGE CAPACITY (lbs. of refrigerant)	DATE OF LAST AUDIT/ MAINTENANCE	ANNUAL ADDITIONAL REFRIGERANT (lbs.) USAGE YEAR (2009)	USAGE YEAR (2010)
1.	Seasons Four		6032-0499202	R22	**100**	**11/14/10**	**0**	**0**
2.								
3.								
4.								
5.								
6.								
7.								
8.								

So that your account can be credited properly, please mail the completed form(s), along with a check for **$116.27** to cover the Rule 1415 Registration Plan fee for your facility, to the following address:

Area Sources
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

If there are more than 8 units please attach an additional form.

COMPANY INFORMATION

COMPANY NAME	Los Angeles Unified School District
CONTACT PERSON	David Glosser
MAILING ADDRESS	333 S. Beaudry Avenue, 22nd fl - Energy
CITY	Los Angeles
STATE	CA
ZIP CODE	90017
CONTACT PHONE	213)241-0302
E-MAIL	
FAX	213) 241-5208
SIGNATURE	
DATE	4/11/2012

AQMD USE					
	APPLICATION NO. 538764	DATE 5/8/12	CHECK NO. 19703061	AMOUNT $1,395.24	ASSIGNMENT UNIT L
NUMBER OF FACILITIES	EQUIP. CAT. NO. 666415	ENGINEER A R 32	DATE 8/22/12	INITIAL	

Registration Form 1415; Rev 07/11

(102527) 4/12

South Coast Air Quality Management District

Form R1415

Registration Form for Rule 1415 Refrigerant Usage for Air Conditioning Systems

South Coast AQMD

For online instructions and current fees, *click here*.

Mail To:
SCAQMD—Area Sources
21865 Copley Dr.
Diamond Bar, CA 91765
Tel: (909) 396-2390
www.aqmd.gov

Section A - Operator Information

1. Facility Name (Business Name of Operator): Ascot Elementary

2. Valid AQMD Facility ID (Leave blank if a new business): 143214

3. Owner's Business Name (If different from Business Name of Operator): Los Angeles Unified School District

Section B - Equipment Location Address

4. Equipment Location Is:

1447 E 45TH ST
Street Address

LOS ANGELES, CA 90011
City Zip

Joseph Roberto — HVAC Supervisor
Contact Name — Title

Phone # Ext. E-Mail

Section C - Business Mailing Address

5. Correspondence Information:
☐ Check here if same as equipment location address

333 S. Beaudry Avenue, 22nd floor, Energy Unit
Address

Los Angeles, CA 90017
City State Zip

Aris Hovasapian — Energy Program Manager
Contact Name — Title

(213) 241-2226
Phone # Ext. E-Mail

Section D - Equipment Information/ Refrigerant Usage

6. For each air conditioning system at the above facility location that holds >50 lbs. of high global warming potential refrigerant, e.g., CFC(Chlorofluorocarbon), HCFC (Hydrochlorofluorocarbon), HFC (Hydrofluorocarbon), PFC (PERFLUOROCARBON), etc, please provide the following information:

Unit > 50 lbs.	Manufacturer	Model Number	Serial Number	Refrigerant Type	Storage Capacity (lbs. of refrigerant)	Date of Last Audit/ Maintenance	Refrigerant Added Annually (lbs.) Usage Year (2012)	Usage Year (2013)
1.	Seasons Four		6032-0499202	R-22	100	10/14/2013	0	0
2.								
3.								
4.								
5.								
6.								
7.								
8.								
9.								
10.								

If there are more than 10 units please attach an additional form.

Section E - Facility Business Information

7. What type of business is being conducted at this equipment location? Elementary & Secondary Schools

8. What is your business primary NAICS Code (North American Industrial Classification System)? 611110

Section F - Authorization/Signature

I hereby certify that all information contained herein and information submitted with this application are true and correct.

9. Signature of Responsible Official:

10. Title of Responsible Official: Energy Program Manager

11. Print Name: Aris Hovasapian

12. Date: 02/24/2014

13. Check List: ☑ Authorized Signature/Date ☑ Fees Enclosed

AQMD USE ONLY	APPLICATION TRACKING # 542229	EQUIPMENT CATEGORY CODE: 6666415	FEE $	VALIDATION 3/19/14
DATE 4/15/14	A R / ENG A R DATE	CLASS I III	ASSIGNMENT Unit L Engineer 328	CHECK/MONEY ORDER # 2192018	AMOUNT $ 3400.32	TRACKING #

© South Coast Air Quality Management District, Rule 1415 Registration Form (2013.06)

(114812)

4/28

South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765
909.396.2000

Rule 1415 Registration Form

FACILITY INFORMATION

☑ AQMD ID # OR ☐ New Business
163214 LA

FACILITY NAME	Ascot Elementary 2219
LOCATION ADDRESS	1447 E 45TH ST
CITY	LOS ANGELES
STATE	CA
ZIP CODE	90011
CONTACT PHONE	(213) 241-0333
CONTACT PERSON	Rosemarie De Ocampo
TITLE OF CONTACT PERSON	Energy Specialist
TYPE OF BUSINESS	Public Education Facility
BUSINESS TYPE CODE (SEE INSTRUCTIONS)	611110
ANNUAL ENERGY USE	2008 kWh/year 936,829 2009 kWh/year 762,756
FACILITY AREA	square feet 104,463

FOR THIS PROJECT, HAS A CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) DOCUMENT BEEN REQUIRED BY ANOTHER GOVERNMENT AGENCY? YES ☐ NO X
IF YES, ENTER NAME OF AGENCY:

DO YOU CLAIM CONFIDENTIALITY OF DATA? YES ☐ NO X

EQUIPMENT INFORMATION

FOR EACH REFRIGERATION SYSTEM AT THE ABOVE FACILITY LOCATION THAT HOLDS **>50 LBS. OF CFC (CHLOROFLUOROCARBON) OR HCFC (HYDROCHLOROFLUOROCARBON) REFRIGERANT.** PLEASE PROVIDE THE FOLLOWING INFORMATION:

UNIT >50 lbs.	F/R/A TYPE	MANUFACTURER	MODEL YEAR	SERIAL NUMBER	REFRIGERANT TYPE	STORAGE CAPACITY (lbs. of refrigerant)	DATE OF LAST AUDIT/ MAINTENANCE	ANNUAL ADDITIONAL REFRIGERANT (lbs.) USAGE YEAR (2008)	USAGE YEAR (2009)
1.	R	**Seasons Four**		**6032-0499202**	**R22**	**100**	12/23/2009	0	0
2.									
3.									
4.									
5.									
6.									
7.									
8.									

So that your account can be credited properly, please mail the completed form(s), along with a check for **$112.30** to cover the Rule 1415 Registration Plan fee for your facility, to the following address:

Area Sources
South Coast Air Quality Management District
21865 Copley Drive
Diamond Bar, CA 91765

If there are more than 8 units please attach an additional form.

COMPANY INFORMATION

COMPANY NAME	Board of Education, Los Angeles Unified School District
CONTACT PERSON	Rosemarie De Ocampo
MAILING ADDRESS	333 S. Beaudry Avenue, 22nd Fl-Energy
CITY	Los Angeles
STATE	CA
ZIP CODE	90017
CONTACT PHONE	213) 241-0333
E-MAIL	
FAX	213) 241-5208
SIGNATURE	
DATE	1-20-2010

AQMD USE					
	APPLICATION NO. 509998 LA	DATE 2/23/10	CHECK NO. 17830940	AMOUNT $1,347.60	ASSIGNMENT UNIT L
NUMBER OF FACILITIES	EQUIP. CAT. NO. 666415	ENGINEER A.R.	DATE 3/18/10	INITIAL	T# 86371

Matthew Rodriquez
Secretary for
Environmental Protection

Department of Toxic Substances Control

Barbara A. Lee, Director
5796 Corporate Avenue
Cypress, California 90630

Edmund G. Brown Jr.
Governor

June 28, 2017

Alex Mitoma
E2 MANAGETECH
5001 Airport Plaza Drive, #260
Long Beach, CA 90815

ASCOT AVENUE ELEMENTARY SCHOOL 1447 EAST 45TH STREET, LOS ANGELES, CA
PR4-062117-1

Dear Mr. Mitoma:

The Department of Toxic Substances Control has received your letter to review records under the Public Records Act.

After a thorough review of our files we have found that no such records exist at this office pertaining to the site/facility referenced above.

We would like to inform you about EnviroStor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accesses at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available at each DTSC Regional File Room Office for use by community members to view EnviroStor.

If you have any questions or would like further information regarding your request, please contact me at (714) 484-5337.

Sincerely,

Julie Johnson

Julie Johnson
Regional Records Coordinator

Printed on Recycled Paper

Matthew Rodriquez
Secretary for
Environmental Protection

Department of Toxic Substances Control

Barbara A. Lee, Director
9211 Oakdale Avenue
Chatsworth, California 91311

Edmund G. Brown Jr
Governor

July 12, 2017

Mr. Alex Mitoma
EnSafe
5001 Airport Plaza Drive, Suite 260
Long Beach, CA 90815

Assoot Avenue Elementary School, 1447 East 45th Street, Los Angeles, CA 90011
PR3-071117-03

Dear Mr. Mitoma:

On July 10, 2017 the Department of Toxic Substances Control received your letter dated June 21, 2017, requesting records for the above site under the Public Records Act. The records you requested are ready for your review. However, due to the Records Office's limited space and resources, I ask that you please contact me at (818) 717-6522 to arrange for an appointment to review the records.

We would also like to inform you about EnviroStor, a database that provides information and documents on over 5,000 DTSC cleanup sites. EnviroStor can be accessed at: http://www.envirostor.dtsc.ca.gov/public. Also, a computer is available in the Central Files of each DTSC Regional Office for use by community members to view EnviroStor.

Sincerely,

Glenn Castillo/bh
Regional Records Coordinator

Printed on Recycled Paper

Appendix F
Regulatory Agency Records

ENSAFE

DARYL P. HERNANDEZ, PE, QSD

SENIOR PROJECT DIRECTOR

Daryl has over 25 years of experience in conducting environmental site assessments (ESAs) and remedial actions in compliance with regulatory agency oversight. He has prepared winning Brownfields grant applications and managed Brownfields projects. Daryl has been actively involved with the National Brownfield Association by sponsoring local meetings and presenting at the Annual 2006 and 2007 Conferences. He has been responsible for obtaining Department of Toxic Substances Control (DTSC) and U.S. Environmental Protection Agency (U.S. EPA) Brownfields grants of more than $1,600,000 for his clients.

Daryl has managed site assessments, soil and groundwater investigations, facility audits, soil remediation projects, waste minimization projects, and environmental due diligence services. Responsibilities included handling agency negotiations with the DTSC, preparing work plans, evaluating analytical data, developing cost estimates, managing field efforts, client coordination, and cost and schedule controls.

EDUCATION
BS, Civil Engineering, California State University, 1990

REGISTRATIONS
Registered Civil Engineer: CA, No. C57326, 1997

Certified Qualified SWPPP Developer

YEARS EXPERIENCE
25

AFFILIATIONS
National Brownfields Association

California Redevelopment Agency

Society of American Military Engineers

RELEVANT EXPERIENCE

On-call Environmental Services, National City Community Development Commission, National City, CA (2005 to Present)
As Project Manager, Daryl has written three Brownfields grant proposals that were awarded by California EPA (Cal EPA) and U.S. EPA. He has led 12 Phase I ESAs, 6 Phase II Site Investigations, and 2 remediation efforts on industrial properties located in the Westside neighborhood. Daryl has worked closely with Cal EPA to obtain regulatory closure for the City's former public works yard and bus terminal, which allowed these properties to be revitalized for a 201-unit affordable housing complex.

On-call Environmental Services, City of San Diego Centre City Development Corporation, San Diego, CA (2005-2008)
As Project Manager, Daryl has been responsible for conducting several Phase I Environmental Site Assessments at properties that the client is interested in purchasing and using for City-provided services. He is also providing expert third-party review services for work that is being completed by a property owner's consultant on a parcel that the client is interested in acquiring. The purpose of the review is to ensure that the site data can be used to determine potential risks to future occupants of the property and affirm that the client would be eligible for purchaser protections offered under the Polanco Act.

Targeted Site Investigations, Department of Toxic Substances Control, Southern CA (2005-2007)
As Project Manager, Daryl's responsibilities have included developing site investigation strategies at Brownfields sites, coordinating site access with property owners and tenants, coordinating and implementing community outreach activities, providing technical leadership to the project team, and developing cleanup cost estimates. He also investigated a variety of sites including industrial fill areas, active industrial and commercial facilities, and auto shops that would be redeveloped by other city redevelopment agencies.

TECHNICAL EXPERTISE

- Program & Project Management
- Brownfields Redevelopment
- Preliminary Endangerment Assessments
- Remedial Investigations
- Feasibility Studies
- Remedial/Removal Plans
- Site Investigations/ Assessments
- RCRA Facility Assessments

PRESENTATIONS

"National City Brownfields Redevelopment Case Study," November 2006, Brownfields 2015 Conference, Chicago.

"Complying w/ ASTM AAI Phase I and Overview of Phase II," November 2012, EPA Region 9 Grantees Brownfields Workshop, Oakland.

"Developing Requests for Proposals and Selecting Best Contractors," November 2012, EPA Region 9 Grantees Brownfields Workshop, Oakland.

Site Development, Grossmont Union High School District, La Mesa, CA (2005-2010)
As Project Manager, Daryl supported the school district efforts to locate a new high school and acquire the necessary property. He was responsible for determining the best location in consideration of California Education Code requirements, conducting all community outreach efforts, coordinating project activities with district and regulatory agency personnel, conducting ESA and removal action activities, and coordinating California Environmental Quality Act actions. Daryl also was responsible for coordinating all property acquisition efforts between the school district and property owners.

On-call Environmental Services, San Diego Unified School District, San Diego, CA (2001-2005)
As Project Manager, Daryl managed 15 Phase I and II ESAs, 8 Preliminary Endangerment Assessments (PEAs), lead-based paint and asbestos investigations and mitigation, pipeline risk analysis, and geology/soils technical studies for proposed land purchases in support of the District's $1.5 billion Proposition MM program. He was responsible for preparing the California Department of Education Environmental Oversight Program Applications on behalf of the District. Other services included conducting electromagnetic surveys and pipeline risk assessments at new school sites. In order to expedite Department of Toxic Substances Control (DTSC) oversight activities, Daryl successfully established a Master Oversight Agreement between the District and DTSC that resulted in expedited DTSC reviews and reduced costs and schedules associated with Phase I and PEA projects.

Environmental Baseline Survey, Marine Corps Air Station Miramar, CA (2001)
As Senior Technical Advisor for a site-specific Environmental Baseline Survey (EBS) and Finding of Suitability to Transfer (FOST) that was developed for the disposal of the Tea Cup Parcel at Marine Corps Air Station Miramar, Daryl was responsible for ensuring that the EBS and FOST were prepared in accordance the Comprehensive Environmental Response, Compensation, and Liability Act Section 120(h) and the requirements of Community Environmental Response Facilitation Act. He was also responsible for coordinating technical reviews with Navy and Marine Corps personnel.

Preliminary Endangerment Assessments, Los Angeles Unified School District, Los Angeles County, CA (2000-2002)
As Project Manager, Daryl conducted more than 15 PEAs for proposed school sites. He developed and implemented PEA Work Plans, negotiated site assessment strategies with DTSC, conducted human health risk assessments, and prepared PEA reports. Daryl successfully achieved recommendations of "No Further Action" from DTSC within a 5-month time period.

Facility Assessment, China Lake Naval Air Weapons Station, Ridgecrest, CA (2000-2002)
As Project Manager, Daryl supported a Resource Conservation and Recovery Act Facility Assessment. He developed the Preliminary Review/Visual Site Inspection Work Plan that was implemented on behalf of DTSC to inspect and identify possible solid waste management units/areas of concern at facilities throughout the 1.4-million-acre Installation.

Cal EPA Environmental Investigation and Remediation, California (1997-1998)
As Project Manager, Daryl supported this task order-based environmental investigation and remediation contract. He managed multiple PEA and Remedial Investigations/Feasibility Studies at facilities throughout Southern California and performed a Hazard Ranking Analysis for manufacturing facilities located in San Fernando,

PRESENTATIONS, *cont'd*

"Developing Requests for Proposals and Selecting Best Contractors," November 2012, EPA Region 9 Grantees Brownfields Workshop, Oakland.

"Project Delivery Optimization or Strategies for Maximizing Area-Wide Grant Funds," January 2009, National Brownfields Conference, Sacramento.

"It's Elementary: Schools, Brownfields, and Institutional Controls," May 2008, National Brownfields Conference, Detroit.

"Expedited Site Cleanup Beyond Good Science," November 2006, Brownfields 2006 Conference, Boston.

"School Site Development and Cleanup," October 2003, ENTECH 2003, Los Angeles.

CA. He developed an outstanding working relationship with DTSC's Region 3 Site Mitigation Branch.

ALEX MITOMA, EIT

ENVIRONMENTAL SCIENTIST / COMPLIANCE SPECIALIST

EDUCATION
BS - Environmental Engineering
BA - English
University of Colorado Boulder, 2014

REGISTRATIONS
Engineer-in-Training (EIT)

Qualified Industrial Stormwater Practitioner (QISP)

40-Hour HAZWOPER Training

American Red Cross First Aid/CPR/AED

YEARS EXPERIENCE
2

TECHNICAL EXPERTISE
- Regulatory Compliance
- Environmental Site Assessments
- Site Investigations

Alex is a certified Engineer-in-Training (EIT) with experience in a variety of regulatory compliance and due diligence activities ranging from site assessments to sustainable programming. Alex is adept at regulatory compliance evaluation, site investigation, and technical field services.

RELEVANT EXPERIENCE

Phase I Environmental Site Assessments, Various Clients
Alex has prepared dozens of Phase I Environmental Site Assessments (ESAs) in accordance with the ASTM E1527-13 standard for a diverse group of industrial, commercial, and residential properties—including school campuses, logistics warehouses, lumber mills, commercial orchards, railroad right-of ways, residential developments. Many of these properties have included significant environmental history and regulatory oversight. Clients have included Los Angeles Unified School District, Long Beach Unified School District, Los Angeles Sanitation Bureau, CenterPoint Properties, and Enel Green Power North America, Inc.

Phase II Environmental Site Assessments, Various Clients
Alex has contributed to Phase II subsurface investigations for a number of properties to assess contaminated soil, soil vapor, and groundwater media. His contributions have included Conceptual Site Model (CSM) development and report preparation for submittal to regulatory agencies. Alex's due diligence experience also involves regular coordination with California regulatory agencies, including the Department of Toxic Substances Control (DTSC), Regional Water Quality Control Boards (Los Angeles, Central Valley, San Francisco), and Air Quality Management Districts (South Coast, San Joaquin, Bay Area).

City of Pomona, California (2015 – Present)
Alex has supported ongoing due diligence and remediation efforts for impacted soil, soil vapor, and groundwater at the location of a former solvent distributor in Pomona, California. Alex's contributions have included Phase I ESA preparation, correspondence with the DTSC, soil vapor extraction system operation and maintenance, and groundwater monitoring.

Keesal, Young, & Logan (2016)
In 2016, Alex supported extensive due diligence efforts related to lease expansions at the Port of Oakland. In development of an Environmental Baseline Summary (EBS) report, port records—including regulatory agency correspondence, historic monitoring reports, removal action reports, and legal documents—were reviewed to identify environmental conditions related to historic marine and terminal activity.

APPENDIX H

Noise and Vibration Technical Memorandum

ASCOT Elementary Comprehensive Modernization Project

Noise and Vibration Technical Memorandum

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Chapter 1. Introduction

This noise technical memorandum analyzes potential noise and vibration impacts that would result from construction of the proposed Project. The analysis describes the existing noise environment in the project area, estimates future noise and vibration levels at surrounding land uses resulting from construction of the proposed Project, and identifies the potential for significant impacts.

1.1 Project Location and Site Description

The Ascot Avenue Elementary School (Ascot ES) campus (proposed Project site) is located at 1447 E 45th Street within the Southeast Los Angeles (SELA) Community Plan Area in the City of Los Angeles in Los Angeles County. The approximately 5.3-acre campus site is bound by E Vernon Avenue to the north, Ascot Avenue to the east, 46th Street and 45th Street to the south, and Compton Avenue to the west. The proposed Project site is located approximately 1.4 miles south of the Santa Monica Freeway (Interstate-10) and approximately 1.8 miles east of the Harbor Freeway (Interstate 110) and is accessed via E Vernon Avenue near Ascot Avenue or E 45th Street from Compton Avenue.

The Ascot ES campus contains 10 permanent building and 12 portable buildings to serve grades transitional kindergarten (TK) through fifth. School classes start at 7:50 a.m. and end at 2:14 p.m., except on Tuesdays when school ends at 1:14 p.m. There is a total of 60 classrooms and 83 staff parking spaces on the project site. For the 2018–2019 school year, there are 80 staff at Ascot ES.[1] The entire campus is enclosed by a chain-link fence. Three buses provide student drop-off and pick-up for special education students along Compton Avenue.

1.2 Project Description

The proposed Project consists of demolition of 18 existing buildings (approximately 59,836 square feet) and structures on the 5.3-acre Ascot ES campus; replacement with construction of 63,773 square feet of new buildings; modernization of 4 existing buildings including repairs and repainting; providing a designated Americans with Disabilities Act (ADA) route from the 4 existing buildings to the public right-of-way and new buildings, playground areas, and parking areas; completing site upgrades including sewer, water, and electrical utility, landscape, hardscape, and exterior paint; and completing improvements as required by the ADA, under LAUSD's School Upgrade Program (SUP) and to improve seismic safety. The proposed Project site is not listed on any lists enumerated under Section 65962.5 of the Government Code (i.e., Cortese List). The proposed Project is not designed or expected to increase the current capacity of the Ascot ES campus.

[1] Campbell, Alexis, LAUSD. 10 December 2018. Email to Laura Male, Sapphos Environmental, Inc. Subject: 2018-2019 Ascot ES Baseline Conditions.

Chapter 2. Fundamentals of Noise

2.1. Sound, Noise, and Acoustics

Sound can be described as the mechanical energy of a vibrating object transmitted by pressure waves through a liquid or gaseous medium (e.g., air) to a hearing organ, such as a human ear. Noise is defined as loud, unexpected, or annoying sound.

In the science of acoustics, the fundamental model consists of a sound (or noise) source, a receiver, and the propagation path between the two. The loudness of the noise source and the obstructions or atmospheric factors affecting the propagation path to the receiver determines the noise level and characteristics of the noise perceived by the receiver. The field of acoustics deals primarily with the propagation and control of sound.

2.1.1. Frequency

Continuous sound can be described by frequency (pitch) and amplitude (loudness). A low-frequency sound is perceived as low in pitch. Frequency is expressed in terms of cycles per second, or Hertz (Hz) (e.g., a frequency of 250 cycles per second is referred to as 250 Hz). High frequencies are sometimes more conveniently expressed in kilohertz (kHz), or thousands of Hertz. The audible frequency range for humans is generally between 20 Hz and 20,000 Hz.

2.1.2. Sound Pressure Levels and Decibels

The amplitude of pressure waves generated by a sound source determines the loudness of that source. Sound pressure amplitude is measured in micro-Pascals (µPa). One µPa is approximately one hundred billionth (0.00000000001) of normal atmospheric pressure. Sound pressure amplitudes for different kinds of noise environments can range from less than 100 to 100,000,000 µPa. Because of this huge range of values, sound is rarely expressed in terms of µPa. Instead, a logarithmic scale is used to describe sound pressure level (SPL)) in terms of decibels (dB). The threshold of hearing for young people is about 0 dB, which corresponds to 20 µPa.

2.1.3. Addition of Decibels

Because decibels are logarithmic units, SPL cannot be added or subtracted through ordinary arithmetic. Under the decibel scale, a doubling of sound energy corresponds to a 3-dB increase. In other words, when two identical sources are each producing sound of the same loudness, the resulting sound level at a given distance would be approximately 3 dB higher than one source under the same conditions (10log[2]). For example, if one automobile produces an SPL of 70 dB when it passes an observer, two cars passing simultaneously would not produce 140 dB – rather, they would combine to produce approximately 73 dB. Under the decibel scale, three sources of equal loudness together produce a sound level approximately 5 dB louder than one source.

2.1.3.1. A-WEIGHTED DECIBELS

The decibel scale alone does not adequately characterize how humans perceive noise. The dominant frequencies of a sound have a substantial effect on the human response to that sound. Although the intensity (energy per unit area) of the sound is a purely physical quantity, the loudness or human response is determined by the characteristics of the human ear.

Human hearing is limited in the range of audible frequencies as well as in the way it perceives the SPL in that range. In general, people are most sensitive to the frequency range of 1,000-8,000 Hz and perceive sounds within that range better than sounds of the same amplitude in higher or lower frequencies. To approximate the response of the human ear, sound levels of individual frequency bands are weighted, depending on the human sensitivity to those frequencies. Then, an "A-weighted" sound level (expressed in units of dBA) can be computed based on this information.

The A-weighting network approximates the frequency response of average human hearing when listening to most ordinary sounds. When we make judgments regarding the relative loudness or annoyance of a given sound, these judgments generally correlate well with A-weighted sound levels. Other weighting networks have been devised to address high noise levels or other special acoustical characteristics (e.g., B-, C-, and D-scales), but these scales are rarely used in conjunction with highway traffic noise. Noise levels for traffic noise reports are typically reported in terms of A-weighted decibels or dBA. Table 3-1 describes typical A-weighted noise levels for various noise sources.

Table 2-1. Typical A-Weighted Noise Levels

Common Outdoor Noise	Noise Level (dBA)	Common Indoor Noise
	— 110 —	Rock band (noise to some, music to others)
Jet fly-over at 1000 feet		
	— 100 —	
Gas lawn mower at 3 feet		
	— 90 —	
Diesel truck at 50 feet at 50 mph		Food blender at 3 feet
	— 80 —	Garbage disposal at 3 feet
Noisy urban area, daytime		
Gas lawn mower, 100 feet	— 70 —	Vacuum cleaner at 10 feet
Commercial area		Normal speech at 3 feet
Heavy traffic at 300 feet	— 60 —	
		Large business office
Quiet urban daytime	— 50 —	Dishwasher in neighboring room
Quiet urban nighttime	— 40 —	Theater, large conference room (background)
Quiet suburban nighttime		
	— 30 —	Library
Quiet rural nighttime		Bedroom at night
	— 20 —	
		Broadcast/recording studio
	— 10 —	
Lowest threshold of human hearing	— 0 —	Lowest threshold of human hearing

Source: Caltrans 1998.

Using the decibel scale, sound levels from two or more sources cannot be directly added together to determine the overall sound level. Rather, the combination of two sounds at the same level yields an increase of 3 dBA. The smallest recognizable change in sound levels is approximately 1 dBA. A 3-dBA increase is generally considered perceptible, whereas a 5-dBA increase is readily perceptible. A 10-dBA increase is judged by most people as an approximate doubling of the sound loudness.

Two of the primary factors that reduce levels of environmental sounds are increasing the distance between the sound source to the receiver and having intervening obstacles such as walls, buildings, or terrain features between the sound source and the receiver. Factors that act to increase the loudness of environmental sounds include moving the sound source closer to the receiver, sound enhancements caused by reflections, and focusing caused by various meteorological conditions.

2.2. Human Response to Changes in Noise Levels

As discussed above, doubling sound energy results in a 3 dB increase in sound level. However, given a sound level change measured with precise instrumentation, the subjective human perception of a doubling of loudness will usually be different than what is measured. Under controlled conditions in an acoustical laboratory, trained, healthy human hearing can discern 1 dB changes in sound levels, when exposed to steady, single-frequency ("pure-tone") signals in the mid-frequency (1,000 Hz–8,000 Hz) range. In typical noisy environments, changes in noise of 1 to 2 dB are generally not perceptible. However, it is widely accepted that people can begin to detect sound level increases of 3 dB in typical noisy environments. Further, a 5-dB increase is generally perceived as a distinctly noticeable increase, and a 10-dB increase is generally perceived as a doubling of loudness. Therefore, a doubling of sound energy (e.g., doubling the volume of traffic on a highway) that would result in a 3 dB increase in sound, would generally be perceived as barely detectable.

2.3. Noise Descriptors

Noise in our daily environment fluctuates over time. Some fluctuations are minor, but others are substantial. Some noise levels occur in regular patterns, but others are random. Some noise levels fluctuate rapidly, but others slowly. Some noise levels vary widely, but others are relatively constant. Various noise descriptors have been developed to describe time-varying noise levels. The following are the noise descriptors most commonly used in traffic noise analysis.

- **Equivalent Sound Level (L_{eq}):** L_{eq} represents an average of the sound energy occurring over a specified period. In effect, L_{eq} is the steady-state sound level containing the same acoustical energy as the time-varying sound that occurs during the same period. The one-hour, A-weighted equivalent sound level (L_{eq}[h]) is the energy-average of A-weighted sound levels occurring during a one-hour period and is the basis for noise abatement criteria (NAC) used by Caltrans and FHWA.

- **Percentile-Exceeded Sound Level (L_n):** L_n represents the sound level exceeded for a given percentage of a specified period (e.g., L_{10} is the sound level exceeded 10 percent of the time, and L_{90} is the sound level exceeded 90 percent of the time).

- **Maximum Sound Level (L_{max}):** L_{max} is the highest instantaneous sound level measured during a specified period.

- **Day-Night Level (L_{dn}):** L_{dn} is the energy average of A-weighted sound levels occurring over a 24-hour period, with a 10-dB penalty applied to A-weighted sound levels occurring during nighttime hours (10 p.m.-7 a.m.).

- **Community Noise Equivalent Level (CNEL):** Similar to L_{dn}, CNEL is the energy-average of the A-weighted sound levels occurring over a 24-hour period, with a 10-dB penalty applied to A-weighted sound levels occurring during the nighttime hours between (10 p.m.-7 a.m.) and a 5-dB penalty applied to the A-weighted sound levels occurring during evening hours (7 p.m.-10 p.m.).

2.4. Sound Propagation

When sound propagates over a distance, it changes in level and frequency content. The manner in which noise reduces with distance depends on the following factors.

2.5. Geometric Spreading

Sound from a localized source (i.e., a point source) propagates uniformly outward in a spherical pattern. The sound level attenuates (or decreases) at a rate of 6 decibels for each doubling of distance from this source. Highways consist of several localized noise sources on a defined path, and hence can be treated as a line source, which approximates the effect of several point sources. Noise from a line source propagates outward in a cylindrical pattern, often referred to as cylindrical spreading. Sound levels attenuate at a rate of 3 decibels for each doubling of distance from a line source.

2.5.1. Ground Absorption

The propagation path of noise from a highway to a receiver is usually very close to the ground. Noise attenuation from ground absorption and reflective wave canceling adds to the attenuation associated with geometric spreading. Traditionally, the excess attenuation has also been expressed in terms of attenuation per doubling of distance. This approximation is usually sufficiently accurate for distances of less than 200 feet. For acoustically hard sites (i.e., sites with a reflective surface between the source and the receiver, such as a parking lot or body of water), no excess ground attenuation is assumed. For acoustically absorptive or soft sites (i.e., those sites with an absorptive ground surface between the source and the receiver – such as soft dirt, grass, or scattered bushes and trees), an excess ground-attenuation value of 1.5 decibels per doubling of distance is normally assumed. When added to the cylindrical spreading, the excess ground attenuation results in an overall drop-off rate of 4.5 decibels per doubling of distance.

2.5.2. Atmospheric Effects

Receivers located downwind from a source can be exposed to increased noise levels relative to calm conditions, whereas locations upwind can have reduced noise levels. Sound levels can be increased at large distances (e.g., more than 500 feet) from the highway due to atmospheric temperature inversion (i.e., increasing temperature with elevation). Other factors such as air temperature, humidity, and turbulence can also have substantial effects.

2.5.3. Shielding by Natural or Man-Made Features

A large object or sound wall in the path between a noise source and a receiver can substantially attenuate noise levels at the receiver. The amount of attenuation provided by shielding depends on the size of the object and the frequency content of the noise. Natural terrain features (e.g., hills and dense woods) and man-made features (e.g., buildings and walls) can substantially reduce noise levels. Walls are often constructed between a source and a receiver specifically to reduce noise. A sound wall that breaks the line of sight between a source and a receiver will typically result in at least 5 dB of noise reduction. Taller sound walls provide increased noise reduction. Vegetation between the highway and receiver is rarely effective in reducing noise unless it is sufficiently dense.

2.6. Effects of Noise on People

Noise is generally loud, unpleasant, unexpected, or undesired sound that is typically associated with human activity that is a nuisance or disruptive. The effects of noise on people can be placed into four general categories:

- Subjective effects (e.g., dissatisfaction, annoyance)
- Interference effects (e.g., communication, sleep, and learning interference)
- Physiological effects (e.g., startle response)
- Physical effects (e.g., hearing loss)

Although exposure to high noise levels has been demonstrated to cause physical and physiological effects, the principal human responses to typical environmental noise exposure are related to subjective effects and interference with activities. Interference effects refer to interruption of daily activities and include interference with human communication activities, such as normal conversations, watching television, telephone conversations, and interference with sleep. Sleep interference effects can include both awakening and arousal to a lesser state of sleep. With regard to the subjective effects, the responses of individuals to similar noise events are diverse and are influenced by many factors, including the type of noise, the perceived importance of the noise, the appropriateness of the noise to the setting, the duration of the noise, the time of day and the type of activity during which the noise occurs, and individual noise sensitivity.

Overall, a wide variation of tolerance to noise exists, based on an individual's past experiences with noise. Thus, an important way of predicting a human reaction to a new noise environment is the way it compares to the existing environment to which one has adapted (i.e., comparison to the ambient noise environment). In general, the more a new noise level exceeds the previously existing ambient noise level, the less acceptable the new noise level will be judged by those hearing it. With regard to increases in A-weighted noise level, the following relationships generally occur:

- Except in carefully controlled laboratory experiments, a change of 1 dBA cannot be perceived.
- Outside of the laboratory, a 3 dBA change in noise levels is considered to be a barely perceivable difference.
- A change in noise levels of 5 dBA is considered to be a readily perceivable difference.
- A change in noise levels of 10 dBA is subjectively heard as doubling of the perceived loudness.

These relationships occur in part because of the logarithmic nature of sound and the decibel system. The human ear perceives sound in a non-linear fashion, hence the decibel scale was developed. Because the

decibel scale is based on logarithms, two noise sources do not combine in a simple additive fashion, but rather logarithmically. For example, if two identical noise sources produce noise levels of 50 dBA, the combined sound level would be 53 dBA, not 100 dBA.

2.7. Noise Attenuation

Stationary point sources of noise, including stationary mobile sources such as idling vehicles, attenuate (lessen) at a rate between 6 dBA for hard sites and 7.5 dBA for soft sites for each doubling of distance from the reference measurement. Hard sites are those with a reflective surface between the source and the receiver, such as asphalt or concrete surfaces or smooth bodies of water. No excess ground attenuation is assumed for hard sites and the changes in noise levels with distance (drop-off rate) is simply the geometric spreading of the noise from the source. Soft sites have an absorptive ground surface such as soft dirt, grass, or scattered bushes and trees. In addition to geometric spreading, an excess ground attenuation value of 1.5 dBA (per doubling distance) is normally assumed for soft sites. Line sources (such as traffic noise from vehicles) attenuate at a rate between 3 dBA for hard sites and 4.5 dBA for soft sites for each doubling of distance from the reference measurement (Caltrans 1998).

2.8. Fundamentals of Vibration

Vibration is energy transmitted in waves through the ground or man-made structures. These energy waves generally dissipate with distance from the vibration source. Common sources of groundborne vibration are trains, buses on rough roads, and construction activities such as blasting, pile-driving, and operation of heavy earth-moving equipment. As described in the Federal Transit Administration's (FTA) Transit Noise and Vibration Impact Assessment (FTA 2006), ground-borne vibration can be a serious concern for nearby neighbors of a transit system route or maintenance facility, causing buildings to shake and rumbling sounds to be heard.

There are several different methods that are used to quantify vibration. The peak particle velocity (PPV) is defined as the maximum instantaneous peak of the vibration signal. The PPV is most frequently used to describe vibration impacts to buildings. The root mean square (RMS) amplitude is most frequently used to describe the effect of vibration on the human body. The RMS amplitude is defined as the average of the squared amplitude of the signal. Decibel notation (VdB) is commonly used to measure RMS. The relationship of PPV to RMS velocity is expressed in terms of the "crest factor," defined as the ratio of the PPV amplitude to the RMS amplitude. Peak particle velocity is typically a factor of 1.7 to 6 times greater than RMS vibration velocity (FTA 2006). The decibel notation acts to compress the range of numbers required to describe vibration. Typically, ground-borne vibration generated by man-made activities attenuates rapidly with distance from the source of the vibration. Sensitive receptors for vibration include structures (especially older masonry structures), people (especially residents, the elderly, and sick), and vibration sensitive equipment.

The effects of ground-borne vibration include movement of the building floors, rattling of windows, shaking of items on shelves or hanging on walls, and rumbling sounds. In extreme cases, the vibration can cause damage to buildings. Building damage is not a factor for most projects, with the occasional exception of blasting and pile-driving during construction. Annoyance from vibration often occurs when the vibration levels exceed the threshold of perception by only a small margin. A vibration level that causes annoyance will be well

below the damage threshold for normal buildings. The FTA measure of the threshold of architectural damage for conventional sensitive structures is 0.2 in/sec PPV (FTA 2006).

In residential areas, the background vibration velocity level is usually around 50 VdB (approximately 0.0013 in/sec PPV). This level is well below the vibration velocity level threshold of perception for humans, which is approximately 65 VdB. A vibration velocity level of 75 VdB is considered to be the approximate dividing line between barely perceptible and distinctly perceptible levels for many people (FTA 2006).

Chapter 3. Regulatory Setting

A number of statutes, regulations, plans and policies have been adopted which address noise and vibration concerns. Detailed below is a discussion of the relevant regulatory setting and noise and vibration regulations, plans, and policies.

3.1. Federal

There are no federal noise standards that directly regulate environmental noise related to the construction of the proposed Project. Therefore, the Program EIR uses the FTA's guidance, 2006 Transit Noise and Vibration Impact Assessment, to evaluate vibration levels resulting from proposed Project construction activities on human annoyance and structural damage. Based on this guidance, the vibration standards are presented in **Table 3.1,** *Ground-Borne Vibration Criteria: Human Annoyance* and **Table 3.2**, *Ground- Borne Vibration Criteria: Architectural* Damage.

Table 3.1 Ground-borne Vibration Criteria: Human Annoyance

Land Use Category	Max Lv (VdB)	Description
Workshop	90	Distinctly felt vibration. Appropriate to workshops and
Office	84	Felt vibration. Appropriate to offices and non-sensitive areas.
Residential –	78	Barely felt vibration. Adequate for computer equipment.
Residential – Nighttime	72	Vibration not felt, but groundborne noise may be audible inside quiet rooms.

SOURCE: FTA, 2006; PEIR 2014.
NOTE:
Max Lv (VdB): Lv is the velocity level in decibels, as measured in 1/3-octave bands of frequency over the frequency ranges of 8 to 80 Hz.

Table 3.2 Ground-borne Vibration Criteria: Architectural Damage

Building Category	PPV (in/sec)
I. Reinforced-concrete, steel or timber (no plaster)	0.5
II. Engineered concrete and masonry (no plaster)	0.3
III. Non-engineered timber and masonry buildings	0.2
IV. Buildings extremely susceptible to vibration damage	0.12

SOURCE: FTA 2006; PEIR, 2014

NOTE:

Max Lv (VdB): Lv is the velocity level in decibels, as measured in 1/3-octave bands of frequency over the frequency ranges of 8 to 80 Hz.

3.2. State

Under California Code of Regulations (CCR) Title 5,[2] the California Department of Education (CDE) regulations require the school district to consider noise in the site selection process. As recommended by CDE guidance, if a school district is considering a potential school site near a freeway, or other source of noise, it should hire an acoustical engineer to determine the level of sound that the site is exposed to and to assist in designing the school should that site be chosen.

CCR Title 24 establishes the California Building Code (CBC). The most recent building standard adopted by the legislature and used throughout the state is the 2016 version, which took effect on January 1, 2017. The State of California's noise insulation standards are codified in the CBC (Title 24, Part 2, Chapter 12). 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.

3.3. Local

While LAUSD is exempt from local jurisdictional municipal codes, the District typically considers local plans and policies for the communities surrounding its facilities. The proposed Project is located within the City of Los Angeles. Applicable City of Los Angeles and LAUSD noise standards and policies are described below.

3.3.1. City of Los Angeles Municipal Code

Chapter XI, Noise Regulation, of the Los Angeles Municipal Code (LAMC) establishes acceptable ambient sound levels to regulate intrusive noises (e.g., stationary mechanical equipment and vehicles other than those traveling on public streets) within specific land use zones and provides procedures and criteria for the measurement of the sound level of noise sources. These procedures recognize and account for differences in the perceived level of different types of noise and/or noise sources. In accordance with the Noise Regulations, a noise level increase from certain regulated noise sources of 5 dBA Leq over the existing, or presumed, ambient noise level at an adjacent property line is considered a violation of the Noise Regulations. The 5 dBA L eq increase above ambient is applicable to City-regulated noise sources (e.g., mechanical equipment), and it is applicable any time of the day.

To account for people's increased tolerance for short-duration noise events, the Noise Regulations provide a 5 dBA Leq allowance for noise occurring more than 5 but less than 15 minutes in any 1-hour period and an additional 5 dBA Leq allowance (total of 10 dBA Leq) for noise occurring 5 minutes, or less, in any 1-hour period. Section 41.40 of the LAMC prohibits any construction, or repair work, of any kind between the hours of 9:00 p.m. and 7:00 a.m. of the following day. It also prohibits

[2] California Code of Regulations, Title 5. Education, Division 1. California Department of Education, Chapter 13. School Facilities and Equipment, Subchapter 1. School Housing, Article 2. School Sites, 14010. Standards for School Site Selection.

construction activities before 8:00 a.m., or after 6:00 p.m. on any Saturday, or national holiday, or at any time on any Sunday.

Section 112.05 of the LAMC defines the maximum noise level of powered equipment, or powered hand tools. The noise level is limited to 75 dBA at 50 feet 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, between the hours of 7:00 a.m. and 10:00 p.m., in any residential zone of the City, or within 500 feet. However, noise limitations shall not apply where compliance is technically infeasible, which means that 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.

3.3.2. City of Los Angeles Guidelines for Noise-Compatible Land Uses

The City has adopted local guidelines based, in part, on the community noise compatibility guidelines established by the State Department of Health Services for use in assessing the compatibility of various land use types with a range of noise levels. These guidelines are set forth in the City of LA CEQA Thresholds Guide in terms of the CNEL. CNEL guidelines for specific land uses are classified into four categories: (1) "normally acceptable," (2) "conditionally acceptable," (3) "normally unacceptable," and (4) "clearly unacceptable." As shown in **Table 3.3,** *City of Los Angeles Land Use Compatibility for Community Noise,* a CNEL value of 70 dBA is the upper limit of what is considered a "conditionally acceptable" noise environment for hotel uses, although the upper limit of what is considered "normally acceptable" for hotel uses is set at 65 dBA CNEL (City of LA, 2006).

Table 3.3 City of Los Angeles Land Use Compatibility
Community Noise Exposure CNEL (dBA)

Land Use	Normally Acceptable	Conditionally Acceptable	Normally Unacceptable	Clearly Unacceptable
Single-Family, Duplex, Mobile Homes	50 to 60	55 to 70	70 to 75	Above 70
Multi-Family Homes	50 to 65	60 to 70	70 to 75	Above 70
Schools, Libraries, Churches, Hospitals, Nursing Homes	50 to 70	60 to 70	70 to 80	Above 80
Transient Lodging—Motels, Hotels	50 to 65	60 to 70	70 to 80	Above 80
Auditoriums, Concert Halls, Amphitheaters	—	50 to 70	—	Above 65
Sports Arena, Outdoor Spectator Sports	—	50 to 75	—	Above 70
Playgrounds, Neighborhood Parks	50 to 70	—	67 to 75	Above 72
Golf Courses, Riding Stables, Water Recreation, Cemeteries	50 to 75	—	70 to 80	Above 80
Office Buildings, Business and Professional Commercial	50 to 70	67 to 77	Above 75	—
Industrial, Manufacturing, Utilities, Agriculture	50 to 75	70 to 80	Above 75	—

SOURCE: City of Los Angeles, LA CEQA Thresholds Guide, 2006.
Note:

Normally Acceptable: Specified land use is satisfactory, based upon the assumption that any buildings involved are of normal conventional construction without any special noise insulation requirements.
Conditionally Acceptable: New construction or development should be undertaken only after a detailed analysis of the noise reduction requirements is made and needed noise insulation features included in the design. Conventional construction, but with closed windows and fresh air supply systems or air conditioning will normally suffice.
Normally Unacceptable: New construction or development should generally be discouraged. If new construction or development does proceed, a detailed analysis of the noise reduction requirements must be made and needed noise insulation features included in the design.
Clearly Unacceptable: New construction or development should generally not be undertaken.

3.3.3. Los Angeles Unified School District Program EIR

The Program EIR for School Upgrade Program[2] establishes Standard Conditions (SCs) for reducing impacts on noise and vibration in areas where future projects would be implemented under the SUP. Applicable SCs related to noise impacts associated with the proposed Project are provided in **Table 3.4.**

3.3.4. Thresholds of Significance

According to Appendix G of the State CEQA Guidelines, the proposed Project could have a potentially significant impact with respect to noise if it would:

- Expose people to or generate noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies (see Impact 5-1, below);
- Expose people to or generate excessive groundborne vibration or groundborne noise levels (see Impact 5-2, below);
- Result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the proposed Project (see Impact 5-4, below);
- Expose people residing or working in the project area to excessive noise levels for a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport (see Section 6.5); or
- Expose people residing or working in the project area to excessive noise levels for a project within the vicinity of a private airstrip (see Section 6.5).

Construction-related noise levels exceed 75 dBA Leq measured at a distance of 50 feet from equipment when construction activities are located within 500 feet of a residential area unless technically feasible mitigation measures are incorporated;

- Construction activities lasting more than 1 day would exceed existing ambient exterior noise levels by 10 dBA Leq, or more, at a noise sensitive use;
- Construction activities lasting more than 10 days in a 3-month period would exceed existing ambient exterior noise levels by 5 dBA Leq, or more, at a noise sensitive use; or
- Construction activities would exceed the ambient noise level by 5 dBA Leq at a noise sensitive use between the hours of 9:00 p.m. and 7:00 a.m. Monday through Friday, before 8:00 a.m., or after 6:00 p.m., on Saturday, or on a national holiday, or at any time on Sunday.

Table 3.4 LAUSD Noise and Vibration Standard Conditions (SCs)

Reference #	Topic	Trigger for Compliance	Project Implementation Phase	Standard Conditions
SC-N-1	Exterior Campus Noise	On-campus exterior noise levels would be greater than 70 dBA L10 or 67 dBA Leq	During project design (Planning)	LAUSD shall design new buildings and other noise-generating sources to include features such as sound walls, building configuration, and other design features that attenuates exterior noise levels on a school campus to less than 67 dBA Leq.
SC-N-2	Interior Classroom Noise	Interior classroom noise levels would be greater than 45 dBA Leq	During project design (Planning)	LAUSD shall analyze the acoustical environment of the site (such as traffic) and the characteristics of planned building components (such as Heating, Ventilation, and Air Conditioning [HVAC]), and designs shall achieve interior classroom noise levels of less than 45 dBA Leq with a target of 40 dBA Leq (unoccupied), and a reverberation time of 0.6 seconds. Noise reduction methods shall include, but are not limited to, sound walls, building and/or classroom insulation, HVAC modifications, double-paned windows, and other design features. • New construction should achieve classroom acoustical quality consistent with the current School Design Guide and CHPS (California High Performance Schools) standard of 45 dBA Leq. • New HVAC installations should be designed to achieve the lowest possible noise level consistent with the current School Design Guide. HVAC systems shall be designed so that noise from the system does not cause the ambient noise in a classroom to exceed the current School Design Guide and CHPS standard of 45 dBA Leq • Modernization of existing facilities and/or HVAC replacement projects should improve the sound performance of the HVAC system over the existing system. • The District's purchase of new units should give preference to HVAC manufacturers that sell the lowest noise level units at the lowest cost. • Existing HVAC units operating in excess of 45 dBA Leq inside classrooms should be modified.
SC-N-3	Operational Noise	Operational noise levels from new source exceeds local noise standards, policies, or	During project design and construction	LAUSD shall incorporate long-term permanent noise attenuation measures between new playgrounds, stadiums, and other noise-generating facilities and adjacent noise-sensitive land uses, to reduce noise levels to meet jurisdictional standards or an increase of 3 dB or less over ambient. Operational noise attenuation measures include, but are not limited to: • buffer zones

Table 3.4 LAUSD Noise and Vibration Standard Conditions (SCs)

		ordinances at adjacent noise sensitive land uses		• berms • sound barriers • buildings • masonry walls • enclosed bleacher foot wells • other site-specific project design features
SC-N-4	Construction Noise and Vibration (Annoyance)	Construction on an existing school campus		LAUSD or its Construction Contractor shall consult and coordinate with the school principal or site administrator, and other nearby noise sensitive land uses prior to construction to schedule high noise or vibration producing activities to minimize disruption. Coordination between the school, nearby land uses, and the Construction Contractor shall continue on an as-needed basis throughout the construction phase of the project to reduce school and other noise sensitive land use disruptions.
SC-N-5	Vibration (Structural Damage)	Rock blasting		LAUSD shall require the Construction Contractor to minimize blasting for all demolition and construction activities, where feasible.
SC-N-6	Vibration (Structural Damage)	Pile driving or heavy vibration activities		For projects where pile driving activities are required within 150 feet of a structure, a detailed vibration assessment shall be provided by an acoustical engineer to analyze potential impacts related to vibration to nearby structures and to determine feasible mitigation measures to eliminate potential risk of architectural damage.
SC-N-7	Vibration (Structural Damage)	Vibration intensive activities are planned within 25 feet of a historic building or structure		LAUSD shall meet with the Construction Contractor to discuss alternative methods of demolition and construction for activities within 25 feet of a historic building to reduce vibration impacts. During the preconstruction meeting, the Construction Contractor shall identify demolition methods not involving vibration-intensive construction equipment or activities. For example: sawing into sections that can be loaded onto trucks results in lower vibration levels than demolition by hydraulic hammers. • Prior to construction activities, the Construction Contractor shall inspect and report on the current foundation and structural condition of the historic building. • The Construction Contractor shall implement alternative methods identified in the preconstruction meeting during demolition, excavation, and construction, such as mechanical methods using hydraulic crushers or deconstruction techniques. • The Construction Contractor shall avoid use of vibratory rollers and packers adjacent to building. • During demolition the Construction Contractor shall not phase any ground-impacting

Table 3.4 LAUSD Noise and Vibration Standard Conditions (SCs)

				operations near building to occur at the same time as any ground impacting operation associated with demolition and construction. During demolition and construction, if any vibration levels cause cosmetic or structural damage to building or structure a "stop-work" orders shall be issued to the Construction Contractor immediately to prevent further damage. Work shall not restart until the building is stabilized and/or preventive measures to relieve further damage to the building are implemented.
SC-N-8	Construction Noise	Use of large, heavy or noisy construction equipment within 500 feet of a non-LAUSD sensitive receptor		Projects within 500 feet of a non-LAUSD sensitive receptor, such as a residence, shall be reviewed by OEHS to determine what, if any, feasible project specific noise reduction measures are needed. The Construction Contractor shall implement project specific noise reduction measures identified by OEHS. Noise reduction measures may include, but are not limited to, the following: Source Controls • Time Constraints – prohibiting work during sensitive nighttime hours • Scheduling – performing noisy work during less sensitive time periods (on operating campus: delay the loudest noise generation until class instruction at the nearest classrooms has ended; residential: only between 7:00 AM and 7:00 PM) • Equipment Restrictions – restricting the type of equipment used • Substitute Methods – using quieter methods and/or equipment • Exhaust Mufflers – ensuring equipment have quality mufflers installed • Lubrication & Maintenance – well maintained equipment is quieter • Reduced Power Operation – use only necessary size and power • Limit Equipment On-Site – only have necessary equipment on-site • Noise Compliance Monitoring – technician on site to ensure compliance • Quieter Backup Alarms – manually-adjustable or ambient sensitive types Path Controls • Noise Barriers – semi-permanent or portable wooden or concrete barriers • Noise Curtains – flexible intervening curtain systems hung from supports • Enclosures – encasing localized and stationary noise sources • Increased Distance – perform noisy activities farther away from receptors, including operation of portable equipment, storage and maintenance of equipment Receptor Controls • Window Treatments – reinforcing the building's noise reduction ability • Community Participation – open dialog to involve affected residents • Noise Complaint Process – ability to log and respond to noise complaints. Advance notice of the start of construction shall be delivered to all noise sensitive receptors adjacent to the project area. The notice shall state specifically where and when construction activities will occur and provide contact information for filing noise complaints with the Construction Contractor and the District. In the event of noise

Table 3.4 LAUSD Noise and Vibration Standard Conditions (SCs)

				complaints noise shall be monitored from the construction activity to ensure that construction noise is not obtrusive.
SC-N-9	Construction Noise	Use of large, heavy or noisy construction equipment on an operating LAUSD campus		Construction Contractor shall ensure that LAUSD interior classroom noise standards are met to the maximum extent feasible, or that construction noise is not disruptive to the instructional environment, through implementation of noise control measures, as necessary.[5] Noise control measures may include, but are not limited to: Path Controls Noise Attenuation Barriers[6] – Temporary noise attenuation barriers installed blocking the line of sight between the noise source and the receiver. Intervening barriers already present, such as berms or buildings, may provide sufficient noise attenuation, eliminating the need for installing noise attenuation barriers. Source Controls ● Scheduling – performing noisy work during less sensitive time periods (on operating campus: delay the loudest noise generation until class instruction at the nearest classrooms has ended; residential areas: only between 7:00 AM and 7:00 PM) ● Substitute Methods – using quieter methods and/or equipment ● Exhaust Mufflers – ensuring equipment have quality mufflers installed ● Lubrication & Maintenance – well maintained equipment is quieter ● Reduced Power Operation – use only necessary size and power ● Limit Equipment On-Site – only have necessary equipment on-site ● Quieter Backup Alarms – manually-adjustable or ambient sensitive types If OEHS determines that the above noise reduction measures will not reduce construction noise to below the levels permitted by LAUSD's noise standards LAUSD shall mandate that construction bid contracts include the following receptor controls: Receptor Controls ● Temporary Window Treatments – temporarily reinforcing the building's noise reduction ability Temporary Relocation – in extreme otherwise unmitigable cases, students shall be moved to temporary classrooms / facilities away from the construction activity

3.3.5. Los Angeles Unified School District

The Program EIR outlines the following LAUSD noise level thresholds for school sites according to Education Code Section 17215. The proposed Project would result in a significant long-term noise impact if:

- Exterior noise levels exceed 67 dBA Leq;
- Interior classroom noise levels exceed 45 dBA Leq; or
- Permanent increase noise levels at nearby noise-sensitive land uses exceed 3 dBA CNEL

3.3.6. Vibration Criteria

The *CEQA Guidelines* do not define the levels at which groundborne vibration or groundborne noises are considered "excessive." The City of Los Angeles currently does not have a significance threshold to assess vibration impacts during construction. However, the FTA has provided guidance for the analysis of vibration from transportation and construction-induced vibration sources. The proposed Project is not subject to FTA, or Caltrans, regulations; nonetheless, the FTA guidance serve as a useful tool to evaluate vibration impacts. For the purpose of this analysis, the vibration criteria for human annoyance and structural damage established by the FTA, which are shown previously in **Table 3.1** and **Table 3.2**, respectively, are used to evaluate the potential vibration impacts of the proposed Project on nearby sensitive receptors.

Chapter 4. Existing Conditions

Some land uses are considered more sensitive to ambient noise levels than others are, due to the amount of noise exposure (in terms of both exposure duration and insulation from noise) and the types of activities typically involved. According to the General Plan, residential areas are to be the most sensitive type of land use to noise and industrial/commercial areas are considered to be the least sensitive.

Noise sensitive land uses are generally defined to include places where people sleep, such as residences, hospitals, and hotels; institutional land uses where it is important to avoid interference with speech or reading, including schools, libraries, and churches; and outdoor areas where quiet is fundamental to its specific use (i.e. amphitheaters and National Parks).

Existing noise sensitive uses on the project site and in the immediate vicinity include:

- Onsite: School classrooms;
- To the North: a mix of single- and multi-family residences are located along Vernon Avenue West 14th;
- To the South: a mix of single- and multi-family residences are located along an alley behind Ascot Avenue Elementary along 46th Street;
- To the West: a church and a mix of single and multi-family residences are located along Ascot Avenue;
- To the East: a mix of commercial land uses, single- and multi-family residences are located along Compton Avenue.

The project site is located between Ascot Avenue to the west, Vernon Avenue to the north, Compton Avenue to the East and 46th Street to the South in an urban area of Los Angeles. Land uses in the project area consists primarily of several single and multi-family residential land uses, but also include a few commercial properties and churches.

Because the proposed Project would implement renovation within an urban developed area, the closest noise sensitive land uses would be residential properties adjacent to the proposed Project. Thus, construction of the proposed Project has the potential to impact existing sensitive receivers.

4.1. Ambient Noise Levels

To establish existing ambient noise levels, ambient noise measurements were conducted at five locations, representing the nearest land uses in the vicinity of the project site. The measurement locations, along with existing development, are shown on **Figure 4.1** , Noise Measurement Locations. Short-term (15-minute) noise measurements were conducted at locations R1 through R5 between approximately 11:00 A.M. and 1:00 P.M. on Tuesday, November 6, 2018, to characterize the existing noise environment in the project vicinity. The typical school-related noise, such as student and staff trips, outdoor physical education activity, and student conversation, were included in the ambient noise measurements. Therefore, the measured ambient noise levels represent a normal baseline ambient noise environment from which to perform the noise analysis included herein.

The ambient noise measurements were conducted using the Larson-Davis 820 Precision Integrated Sound Level Meter ("SLM"). The Larson-Davis 820 SLM is a Type 1 standard instrument as defined in the American National Standard Institute S1.4. All instruments were calibrated and operated according to the applicable manufacturer specification. The microphone was placed at a height of 5 feet above the local grade at the following locations, as shown in **Figure 4.1**.

ST-1: Represents the existing noise environment of residential uses along 46th Street behind Ascot Avenue Elementary school, south of the project site's existing Portables and Lunch Center.

ST-2: Represents the existing noise environment of residential uses near Compton Avenue, south of the project site's existing drop off and main entrance parking lot.

ST-3: Represents the existing noise environment of commercial and residential uses along Compton Avenue, east of the existing Kindergarten area.

ST-4: Represents the existing noise environment of single and multi-family residential uses along Vernon Avenue, north of Ascot Avenue Elementary school.

ST-5: Represents the existing noise environment of an existing church, single and multi-family residential uses along Ascot Avenue, east of the project site.

A summary of noise measurement data is provided in **Table 4.1**, Summary of Ambient Noise Measurements. As shown in **Table 4.1**, daytime ambient noise levels ranged from approximately 57.9 dBA to 69.1 dBA, Leq.

Table 4.1. Summary of Ambient Noise Measurements

Measurement ID	Duration	Date & Time of Measurement	Measured Daytime Ambient Noise Levels Hourly dBA L_{eq}
ST-1	15 mins	11:00 A.M.	65.2
ST-2	15 mins	11:30 A.M.	65.6
ST-3	15 mins	12:00 P.M.	65.0
ST-4	15 mins	12:30 P.M.	69.1
ST-5	15 mins	1:00 P.M.	57.9

Source: Entech Consulting Group, 2018.

4.2. Existing Groundborne Vibration Levels

Aside from periodic construction work that may occur throughout the City, other sources of groundborne vibration in the project site vicinity may include heavy-duty vehicular travel (e.g., refuse trucks, delivery trucks, etc.) on local roadways. According to FTA, rubber-tire vehicles rarely create ground-borne vibration problems unless there is a discontinuity, or bump, in the road that causes the vibration. A typical bus operating on smooth roadway would generate groundborne vibration velocity levels of approximately 63 VdB (approximately 0.006 in/sec PPV) at 50 feet (FTA, 2006).

Figure 4.1 Short-Term Measurement Locations

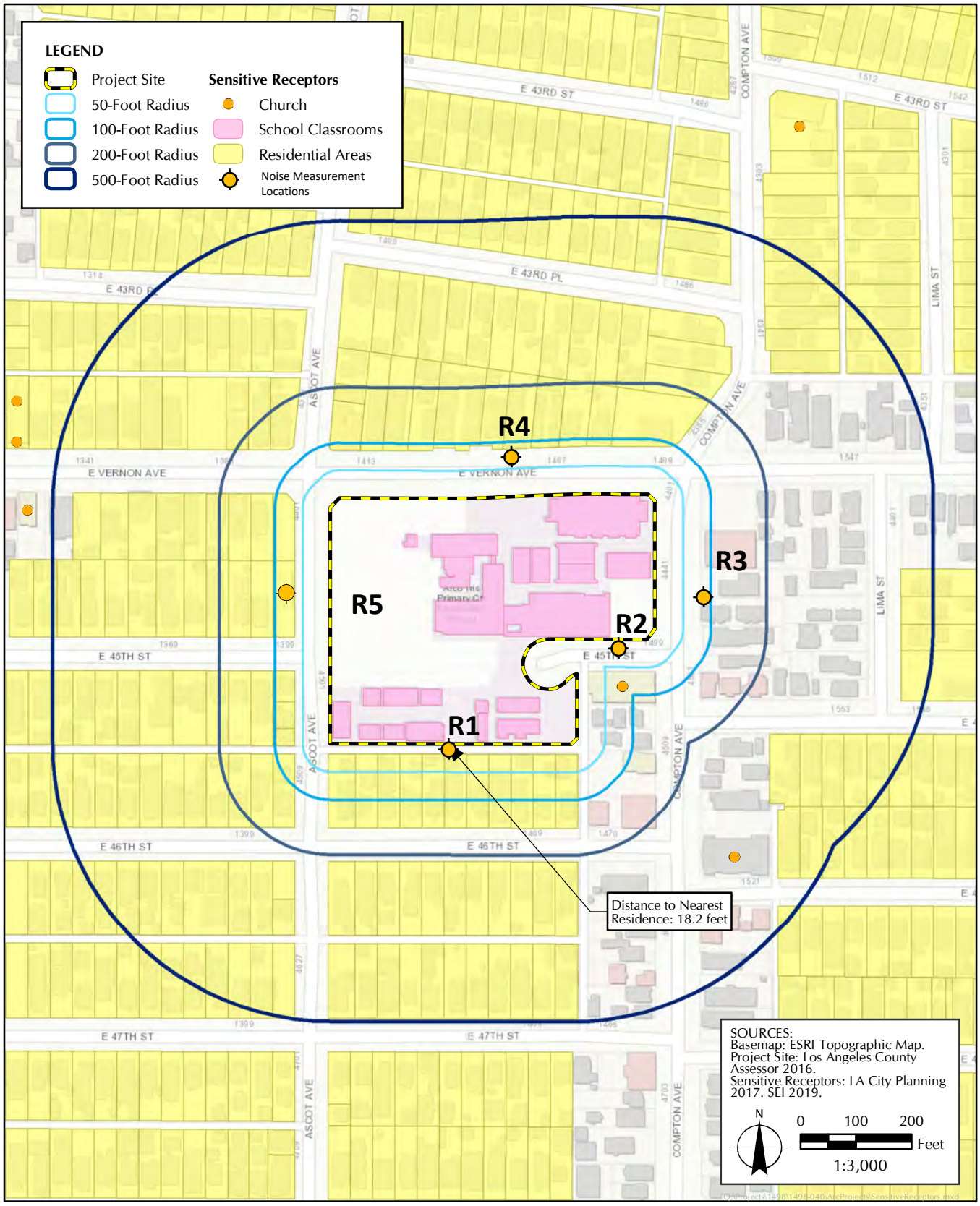

FIGURE 11

Offsite Sensitive Receptors

Chapter 5. Methodology

5.1. Onsite Construction Noise

Project construction noise levels were estimated using the FHWA's Roadway Construction Noise Model (RCNM) and construction equipment information provided by the LAUSD. Predicted noise levels were identified for the nearest sensitive receptors, as well as for classrooms on Campus, based on their respective distances from the construction equipment. To present a conservative impact analysis, the estimated noise levels were calculated for a scenario in which the loudest equipment were assumed to be located at the construction area boundary closest to sensitive receptors. The remaining construction equipment were assumed to be located at the approximate mid-point within the construction area boundary and at the furthest point within the construction area boundary relative to the sensitive receptor. These assumptions represent a reasonable worst-case noise scenario since the loudest construction equipment were assumed to be located closest to sensitive receptors. In reality, construction equipment operates throughout a construction area, and the loudest construction equipment would not always be located at the nearest distance to sensitive receptors, but would typically be active throughout the project site, and would routinely be located further away from the affected sensitive receptors. The construction noise levels were calculated, in terms of maximum hourly Leq, for sensitive receptor locations based on the standard point source noise-distance attenuation factor of 6.0 dBA for each doubling of distance. The estimated noise levels at the affected receptors were then analyzed against the construction noise standards. Detailed noise calculations are provided in **Appendix A**.

5.2. Offsite Construction Traffic Noise

With regard to off-site construction-related noise impacts, the proposed Project would generate 35 haul truck trips during demolition, excavation, and concrete pouring phases. Typically, a 3 dBA increase in roadway noise levels requires an approximate doubling of roadway traffic volume, assuming that travel speed and fleet mix remain constant. Though the proposed Project's addition of haul trucks, concrete-mixing trucks, delivery trucks, and other vehicles would alter the fleet mix of any truck routes, their minimal addition to local roadways would not nearly double those roads' traffic volumes, nor augment traffic in the area to levels capable of producing sustained, perceptible increases in roadside ambient noise levels. As a result, the proposed Project's off-site construction noise impacts would be considered less than significant and are not evaluated further.

5.3. Construction Schedule

Project construction is anticipated to start in the second quarter of 2021 and is expected to take 42 months to complete. While the phasing of the work has not yet been determined, this analysis assumes that there will be two 18-month phases. The actual duration of construction would likely be longer; however, by assuming the shortest expected construction duration this study is taking a more conservative approach with regard to the noise analysis. Due to active school operation during the construction phase, less than 50 percent of the school site (contiguous) would be disturbed at any one time. An average of 50 workers would be onsite when

students are present and a maximum of 150 workers would be onsite during peak periods (i.e., during summer break).[3]

To the extent feasible, construction related activities would be scheduled to occur during daylight hours. Construction-related traffic and deliveries would be scheduled to avoid student pick-up, drop-off hours, and during noise sensitive times as coordinated with the school administration. Consistent with the City of Los Angeles Municipal Code, all non-emergency construction activities would occur between 7:00 a.m. and 9:00 p.m., Monday through Friday and 8:00 a.m. to 6:00 p.m. on Saturdays and national holidays.[4] Construction would be prohibited on Sundays.[5]

Demolition activities would be managed and conducted by the District's Facilities Environmental Technical Unit (FETU) in accordance with the District's standard practices. FETU would be responsible for ensuring the safe removal of potential asbestos containing materials, lead and PCBs that may be encountered during construction. LAUSD would ensure that all construction related activities are completed in accordance with applicable federal, state, and local regulations, including but not limited to the EPA Guidance on Conducting Non-Time-Critical Removal Actions Under Comprehensive Environmental Response, Compensation, and Liability Act, National Oil and Hazardous Substances Pollution Contingency Plan, and all applicable LAUSD specifications, and standards. Construction would also comply with the applicable SCs, which include, but are not limited to, **SC-USS-1**, which requires that any construction waste will be recycled to the maximum extent feasible.[6]

Construction activities occurring during each of these phases would require the use of heavy equipment (e.g., excavators, backhoes, loaders, tractors, etc.) along with the use of smaller power tools, generators, and other sources of noise. During each construction phase there would be a different mix of equipment operating, and noise levels would vary based on the amount of equipment in operation and the location of each activity. As such, construction activity noise levels during each phase would fluctuate depending on the particular type, number, and duration of use of the various pieces of construction equipment.

Table 5.1 shows the types, amounts and the duration the construction equipment that are anticipated to be in use for implementation of the proposed Project.

Estimated noise levels of construction equipment will be obtained from the RCNM for each phase of construction. It should be noted that maximum noise levels associated with construction equipment would only be generated when the equipment is operated at full power. Typically, the operating cycle for a piece of construction equipment would involve one, or two, minutes of full power operation followed by three, or four, minutes at lower power settings. As such, the maximum noise levels provide in the RCNM would occur occasionally throughout the construction day.

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3 Worker trips based on California Emissions Estimator Model (CalEEMod), version 2016.3.1.

4 City of Los Angeles Municipal Code § 41.40(b).

5 City of Los Angeles Municipal Code § 41.40(b).

6 LAUSD OEHS, "School Upgrade Program Final Environmental Impact Report," http://achieve.lausd.net/ceqa, Adopted by the Board of Education on November 10, 2015.

Table 5.1 Anticipated Construction Equipment

Phase 1 & 2	Schedule	Equipment	Maximum Number/Day
Demolition/Interim Housing/Modernization (i.e., Building Interiors)	3 months	Excavators w/breaker	1
		Loader	1
		Bobcat/Skip	1
		Crushing Equipment	1
		Water Truck	1
		Building Debris haul trips; average 10 CY end-dump trucks	10
		Asphalt/Concrete Debris haul trips; average 10 CY end-dump trucks	10
		Jack Hammers/Air Compressor	2
Site Prep/Modernization	3 months	Excavator	1
		Compactor	1
		Loader	1
		Skip Loader	1
		Water Truck	1
		Soil haul trips (soil export); average 14 CY bottom dump trucks	35
		Vibratory Rollers (for 95% soil compaction)	2
		Trencher / Excavator	1
Building Construction/ Modernization	12 months	Concrete Trucks	5
		Impact Pile Driver, Sonic Pile Driver, Crane-Mounted Auger Drill, or Crane-Suspended Downhole Vibrator	1
		Concrete Pump	1
		Crane	1
		Dump Trucks	2
		Fork Lifts/Gradalls	4
		Delivery Trucks	12
		Backhoes	2
		Air Compressor	1
Asphalt Paving and Off-Site Street Work	3 months	Skip Loaders	2
		Roller	1
		Paver	1
		Asphalt Trucks	8
		Water Truck	1

Chapter 6. Construction Noise & Vibration Impacts

6.1. On site Construction Noise Impacts

Exceedance of Established Noise Standards

Impact 6.1: The proposed Project could result in exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards.

As discussed previously, the project site is bounded by Vernon Avenue to the north and Ascot Avenue to the west, Compton Avenue to the East and 45th and 46th Street to the south. Noise-sensitive receptors reside to the north, south, and west of the project site consisting of single and multi-family residential use. The closest receptors are single family residences located in an alley south of the project site. In this area, the closest receptor is within 18 feet from the nearest construction activity at the Lunch Shelter south of the project site.

To present a conservative impact analysis, the construction schedule and equipment list provided by LAUSD (as presented early in **Table 5.1**) were used to estimated noise levels for a scenario in which the loudest equipment were assumed to be located at the construction area boundary closest to sensitive receptors. The remaining construction equipment were assumed to be located at the approximate mid-point within the construction area boundary and at the furthest point within the construction area boundary relative to the sensitive receptor. Distances between the closest construction site and the receptors with estimated noise levels per construction phase are presented in **Table 6.1,** *Estimated Unmitigated Construction Noise Levels at Sensitive Receptors*.

As shown in **Table 6.1,** the unmitigated calculated noise levels are presented for each phase of construction at each of the sensitive receptor locations around the project site. No consideration was taken for noise shielding provided by existing buildings, existing screening walls, or landscaping (such as trees) or vegetation. The project site does not have sufficient shielding to block the line-of-sight between the Campus and the public right-of-way. The greatest noise impacts occur at the closest receptors on campus (students) and near (ST-1) for all construction phases. Increases in excess of 28 dBA are predicted at sensitive receptors around the project site without mitigation.

For existing schools, LAUSD considers noise level increases of 3 dBA or more over ambient noise levels to be significant. Pursuant to Education Code Section 17215 and the LAUSD SUP Program EIR, the exterior noise significance threshold for school sites is 67 dBA. As shown in **Table 6.1** estimated construction noise levels would potentially exceed the applicable significance thresholds at all studied residential receptors and onsite classrooms. Therefore, the impact would be considered potentially significant before implementation of Program EIR SCs.

Table 6.1 Estimated Unmitigated Construction Noise Levels at Sensitive Receptors

ID	*Distance from closest sensitive receiver to construction area (feet)[1]*	*Maximum Construction Noise Level dBA Lmax*	*Maximum Construction Noise Level dBA Leq*	*Existing Ambient dBA Leq*	*New Ambient dBA Leq*	*Increase*
Demolition/Interim Housing/Modernization-Unmitigated Noise level						
ST-1	18	93.9	87.3	65.2	87.3	28.7
ST-2	170	79.0	67.8	65.6	69.8	13.4
ST-3	90	84.5	73.3	65.0	73.9	19.5
ST-4	150	80.0	68.9	69.1	69.1	10.9
ST-5	260	75.3	64.1	57.9	65	17.4
Site Preparation/Modernization-Unmitigated Noise level						
ST-1	18	93.9	93.4	65.2	93.4	28.7
ST-2	170	74.4	73.9	65.6	74.9	8.8
ST-3	90	79.9	79.5	65.0	80.1	14.9
ST-4	150	75.5	75.0	69.1	76.4	6.4
ST-5	260	70.1	70.2	57.9	70.4	12.2
Building/Construction Modernization-Unmitigated Noise level						
ST-1	18	93.3	88.3	65.2	88.3	28.1
ST-2	170	84.4	71.8	65.6	72.7	18.8
ST-3	90	89.9	77.3	65.0	77.5	24.9
ST-4	150	85.5	72.9	69.1	74.4	16.4
ST-5	260	80.7	68.1	57.9	68.5	22.8
Asphalt Paving and Of-Site Street Work-Unmitigated Noise level						
ST-1	18	93.9	93.4	65.2	93.4	28.7
ST-2	170	74.4	73.9	65.6	79.1	8.8
ST-3	90	79.9	79.4	65.0	84.4	14.9
ST-4	150	75.0	75.0	69.1	80.3	5.9
ST-5	260	70.7	70.2	57.9	75.3	12.8

SOURCE: Entech, 2019

NOTE: See Appendix A for detailed construction noise calculations.

1 Distances shown represent the distance of the nearest construction activity to each receptor. Noise modeling accounted for equipment placed at the approximated closest, midpoint, and furthest points of the phase area.

2Threshold for residential receptors +5 dBA over measured existing ambient noise level (see Table 3.5-1).

6.2. Exposure to Vibration Levels

Impact 6.2: The proposed Project could result in exposure of persons to, or generation of, excessive ground borne vibration.

Construction

Ground-borne vibration would be generated from the operation of heavy construction equipment at the project site, which could potentially affect the existing sensitive land uses surrounding the site, as well as the students on Campus.

Construction equipment could be close to the residential structures in the project vicinity. However, it should be noted that the existing structures on Campus would be closer than those residential structures. The construction equipment could be as close as 15 feet from existing onsite structures.

Ground-borne vibration levels resulting from construction activities at the project site were estimated using data published by the Federal Transit Administration (FTA) in its Transit Noise and Vibration Impact Assessment (2006) document. The Program EIR has adopted vibration standards that are used to evaluate potential human annoyance and architectural damage impacts related to construction activities, which are shown in **Table 3.1** and **Table 3.2**, respectively.

The various PPV and VdB levels for the general construction equipment that would operate during the construction of the proposed Project are identified in **Table 6.2,** *Vibration Source Levels for Construction Equipment.* Note that pile driving would not be required for the proposed Project.

Structural Damage

Construction activities associated with the proposed Project would have the potential to impact the existing school buildings and surrounding offsite structures. For existing school buildings, the construction equipment could be located within 15 feet of structures, which would result in a significant impact. Although the proposed Project would require compliance with SC-N-6 through SC-N-8, impacts would not be reduced to less than significant. Therefore, impacts would be potentially significant, and mitigation would be required.

Table 6.2 Vibration Source Levels for Construction Equipment [1]

Equipment	PPV (in/sec)	RMS (VdB)
Large Bulldozer	0.089	87
Caisson Drilling	0.089	87
Loaded Trucks	0.076	86
Jackhammer	0.035	79
Small Bulldozer	0.003	58

SOURCE: FTA, 2006

[1]Equipment Approximate PPV (in/sec) at 25 feet
Approximate RMS (VdB) at 25 feet

The offsite structures are considered to be non-engineered timber structures. The vibration impact threshold for the offsite structures would be 0.2 in/sec PPV. The PPV level of a large bulldozer at 25 feet would be 0.089 in/sec PPV. In order to exceed 0.2 in/sec PPV, a large bulldozer needs to be as close as 15 feet from the offsite structures. The closest offsite structure to the project site is located at 18 feet, bring vibration levels close to 0.2 in/sec PPV. Therefore, offsite structures vibration impacts would be significant.

Human Annoyance

Construction-related vibration could annoy people within a nearby building. The vibration impact threshold for human annoyance at a residential structure is 78 VdB. In order to exceed 78 VdB, a large bulldozer would need to be located as close as 50 feet from the structures. As stated above, the nearest residential structures are located within 18 feet from the project site. Therefore, project-related vibration levels of 78 VdB, or greater, would be experienced at offsite structures and impacts would be significant. Although the proposed Project would require compliance with SC-N-5, impacts would not be reduced to less-than-significant levels and mitigation would be required.

In addition, construction-related vibration could cause annoyance to onsite students while class is in session. The vibration impact threshold for human annoyance within classrooms is 84 VdB, considering the sensitivity would be similar to an office environment as presented in **Table 3.2**. In order to exceed 84 VdB, a large bulldozer would need to be located as close as 30 feet from classrooms.

Given the configuration of the project site, it would be possible for construction equipment to be within 30 feet from classrooms, therefore this impact would be considered potentially significant.

Although the proposed Project would require compliance with SC-N-5, impacts would not be reduced to less-than-significant levels and mitigation would be required.

Significance Determination: Potentially Significant

Mitigation Measures Implementation of the following mitigation measure is required to reduce impacts related to structural damage during construction:

Vibration-1: To avoid structural damage, when the construction equipment is within 15 feet of existing school buildings, large construction equipment (greater than 300 horsepower), such as large bulldozer and loaded trucks, should be replaced with smaller equipment (less than 300 horsepower) when feasible.

Implementation of the following mitigation measure is required to reduce impacts related to human annoyance:

Vibration-2: In the event that construction activity would occur within 30 feet of occupied classrooms, large construction equipment (greater than 300 horsepower), such as large bulldozer and loaded trucks, should be replaced with smaller equipment (less than 300 horsepower). If not feasible, construction activities requiring such equipment will be scheduled at times when school is not in session.

Significance after Mitigation: Less than Significant

After implementation of Mitigation Measure Vibration-1, impacts related to structural damage by vibration would be less than significant. This is vibrational energy from smaller construction equipment (less than 300 horsepower) at distances within 15 feet would be below the threshold of 0.2 in/sec.

After implementation of Mitigation Measure Vibration-2, impacts related to human annoyance from vibration would be reduced. This is because smaller construction equipment (less than 300 horsepower), at distances within 30 feet of classrooms, would generate vibrational velocity levels that would not trigger human annoyance. For instance, a small bulldozer, at a distance of 25 feet, would generate vibration velocity levels of approximately 58 (VdB), which is below the groundborne vibration criteria regarding human annoyance of 84 (VdB). Therefore, impacts would be less than significant with respect to human annoyance from vibration.

6.3. Operational Noise Impacts

Impact 6.3: The proposed Project would not result in a substantial permanent increase in ambient noise levels in the project vicinity above existing levels without the project.

Operational of the facility after construction is not anticipated to increase vehicular traffic to the project; therefore, no net change in traffic is anticipated from the proposed Project. The noise and vibration analysis will focus on assessing construction and stationary source–related impacts only.

6.4. Construction Noise Measures

Impact 6.4: The proposed Project would not result in a substantial temporary or periodic increase in ambient noise levels in the project vicinity above existing levels without the project.

As discussed previously in section 5.1, construction activities would cause construction unmitigated noise levels to increase above ambient noise levels. Therefore, the proposed Project requires compliance with the Program EIR SCs, as shown in **Table 3.4**. SC-N-9 requires site-specific noise control measures to be implemented during construction. Such measures include installation of exhaust mufflers, proper maintenance of construction equipment, and the use of noise barriers. Absorptive noise mufflers are commercially available and can feasibly reduce noise emitted by heavy-duty construction equipment. The City of Los Angeles recognizes that the use of mufflers can achieve noise reductions of up to 3 dBA (City of LA, 2006). In addition, installation of a temporary 15-foot high noise barrier with acoustical blankets with a minimum sound transmission class (STC) of 25 and noise reduction coefficient (NRC) of 0.75 can reduce noise levels by up to 20 dBA. Therefore, it is estimated that implementation of the Program EIR SCs would reduce project-related construction noise by a total of 23 dBA.

As shown in **Table 6.3,** *Estimated Mitigated Construction Noise Levels at Sensitive Receptor* construction noise levels would be reduced to acceptable levels after implementation of the Standard Conditions identified above. Locations where noise levels are near 67 dBA are due to the existing exceedances of the exterior threshold, except for receptor location ST-1. Although the noise level at this location is slightly higher that 67 dBA, it is likely that actual construction noise levels will be lower than this level as not all construction equipment will be operating at the property line.

Table 6.3 Estimated Mitigated Construction Noise Levels at Sensitive Receptors

Demolition/Interim Housing/Modernization-Mitigated Noise level						
ID	*Distance from closest construction area to sensitive receiver (feet)*	*Maximum Construction Noise Level dBA Leq[1]*	*Existing Ambient dBA Leq*	*New Ambient dBA Leq*	*Increase*	*Exceeds Allowable Increase*
ST-1	18	64.3	65.2	67.8	2.6	No
ST-2	170	46.8	65.6	65.7	0.1	No
ST-3	90	50.9	65.0	65.2	0.2	No
ST-4	150	46.1	69.1	69.1	0	No
ST-5	260	42	57.9	58	0.1	No
Site Preparation/Modernization-Mitigated Noise level						
ST-1	18	61.6	65.2	66.8	1.6	No
ST-2	170	51.9	65.6	65.8	0.2	No
ST-3	90	57.1	65.0	65.7	0.7	No
ST-4	150	53.4	69.1	69.2	0.1	No
ST-5	260	47.4	57.9	58.3	0.4	No
Building/Construction Modernization-Mitigated Noise level						
ST-1	18	62.6	65.2	67.1	1.9	No
ST-2	170	49.7	65.6	65.7	0.1	No
ST-3	90	54.5	65.0	65.4	0.4	No
ST-4	150	51.4	69.1	69.2	0.1	No
ST-5	260	45.5	57.9	58.1	0.2	No
Asphalt Paving and Of-Site Street Work-Mitigated Noise level						
ST-1	18	60.5	65.2	66.5	1.3	No
ST-2	170	56.1	65.6	66.1	0.5	No
ST-3	90	61.4	65.0	66.6	1.6	No
ST-4	150	57.3	69.1	69.4	0.3	No
ST-5	260	52.3	57.9	59	1.1	No

Source: Entech 2018

Notes:
[1]Mitigated Construction noise level with implementation of noise control measures: exhaust mufflers (- 3dBA) and sound barrier (-20 dBA).
[2]Exterior Threshold of 67 dBA has been established in the LAUSD SUP PEIR per Education Code Section 17215.

Construction Noise Mitigation Measures

Standard Conditions 1 through 3 as presented in Table 3.4 and Mitigation Measures N1 through N3 listed below would reduce the project's own noise impacts from on-site construction activity to less than significant.

N1 -All construction areas for staging and warming-up equipment shall be located as far as feasible from noise-sensitive land uses.

N2-Portable noise sheds for smaller, noisy equipment, such as air compressors, dewatering pumps, and generators shall be provided as feasible.

N3-The operation of hydraulic breakers and mounted impact hammers shall be restricted from occurring during Ascot Avenue Elementary School's regularly scheduled hours of operation. Furthermore, these pieces of equipment shall not be operated concurrently with any other pieces of heavy machinery in order to prevent elevated cumulative noise impacts.

Regulatory Compliance Measures

RCM1-Project construction shall be following the LAMC prohibits any construction, or repair work, of any kind between the hours of 9:00 p.m. and 7:00 a.m. of the following day. It also prohibits construction activities before 8:00 a.m., or after 6:00 p.m. on any Saturday, or national holiday, or at any time on any Sunday.

Construction Noise Impacts After Mitigation

As previously explained, implementation of Standard Conditions 1 through 3 and Mitigation Measures N1 through N3 would reduce the proposed Project's contribution to temporary off-site increases in ambient noise levels to less than a significant increase.

6.5. Airport Noise Impacts

Impact 6.5: The proposed Project is not located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport. The proposed Project would not expose people residing or working in the project area to excessive noise levels.

The proposed Project is not located within an airport land use plan or within two miles of a public airport or public use airport. As a result, the proposed Project would not expose residents or workers to excessive noise levels from aircraft.

Significance Determination: No Impact.

Chapter 7. References

California Code of Regulations, Title 5. Education, Division 1. California Department of Education, Chapter 13. School Facilities and Equipment, Subchapter 1. School Housing, Article 2. School Sites, 14010. Standards for School Site Selection.

Available:https://govt.westlaw.com/calregs/Document/I8037DA60D48011DEBC02831C6D6C108E?contextData=(sc.Default)&transitionType=Default. Assessed February 2019

California Code of Regulations, Title 14, Section 15168(c).

California Department of Transportation (Caltrans), 2013a. Technical Noise Supplement (TeNS)

——. 2013b. Transportation and Construction Vibration Guidance Manual

City of Los Angeles, 2006. LA CEQA Thresholds Guide: Your Resource for Preparing CEQA Analyses in Los Angeles City of Los Angeles, Municipal Code, Chapter XI, Noise Regulation, Section 112.02

Federal Highway Administration (FHWA), 2017. Noise Barrier Design. https://www.fhwa.dot.gov/environment/noise/noise_barriers/design_construction/keepdow n.cfm.

——. 2006. Roadway Construction Noise Model User's Guide

Federal Transit Administration (FTA), 2006. Transit Noise and Vibration Impact Assessment

LAUSD School Upgrade Program EIR, 2014.

Los Angeles Unified School District Standard Conditions of Approval, Sept. 2015

Appendix A Noise Monitoring Field Sheets

ENTECH CONSULTING GROUP
PLANNING • ENVIRONMENTAL • CONSTRUCTION MANAGEMENT

FIELD NOISE MEASUREMENT

Project: Ascot Avenue Elementary School

ID

Site ID: ST-1 Engineer (s): ENTECH

Date: 11 06 2018 Start Time: 11 : 00

Property Owner: Los Angeles Unified School District

Address: 1447 E 45th St, Los Angeles, CA 90011

WEATHER

Temp. 74 ºF Hum. 50 % R.H. Wind Spd: WNW2 mph

Wind Dir. NW N NE W Calm E SW S SE

Sky:			
☐ OVRCST	☐ PARTLY CLOUDY	☐ CLEAR	☒ SUNNY
☐ FOG	☐ RAIN	☐ OTHER:	

SOUND

SLM ID: Calibration: (Pre) 94.0 dBA (Post) 94.0 dBA

SLM Record ID: # 1 Duration: 15 : 00 L_{eq} 65.2 dBA

NOISE SOURCE

Contamination:
- ☐ Aircraft
- ☐ Rustling leaves
- ☐ Dogs barking
- ☐ Birds
- ☐ Children playing
- ☐ Other_____

Speed Estimated By:
☐ Radar ☐ Driving
☐ Other_____

Major Source: ☐ Traffic ☐ Rail ☐ Industrial ☐ Aircraft ☐ Other_____

Traffic Count Duration: MM : SS

Dir.	Auto		M. Truck		H. Truck		Bus		Motorcycle	
	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)

FILING

Photo: Camera ID _____ File #: _____

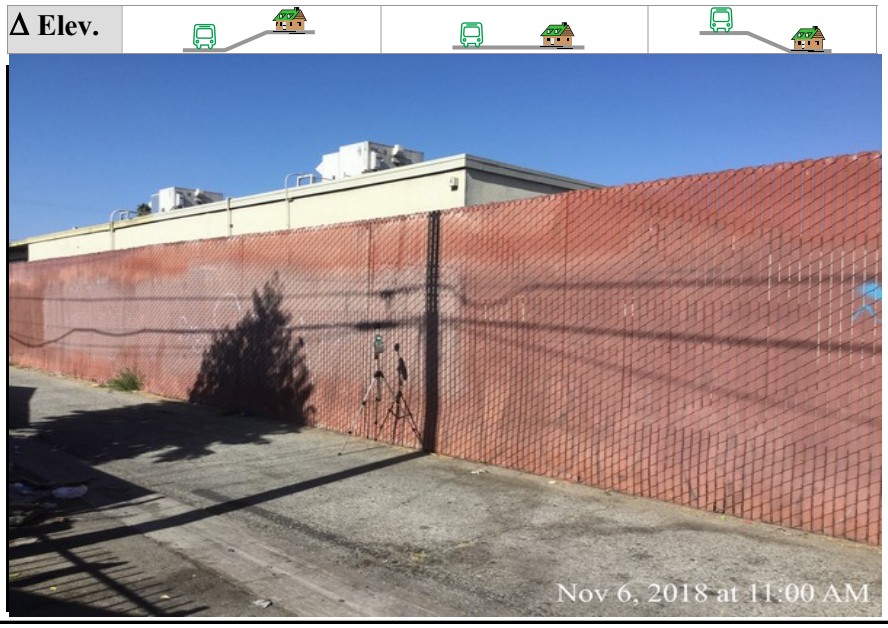
Video: Camera ID _____ File #: _____

TOPO & COMMENTS

Pavement:	Terrain:	Land Use:
☐ Hard	☐ Flat	Cu.____
☐ Soft	☐ Uneven	Fu.____
☐ Mixed	☐ Shape	

COMMENTS

Δ Elev.



TRAFFIC COUNT SHEET

AUTO					M. T.		H.T	Bus	Mo.
5					2		1	1	1
10					4		2	2	2
15					6		3	3	3
20					8		4	4	4
25					10		5	5	5
30					12		6	6	6
35					14		7	7	7
40					16		8	8	8
45					18		9	9	9
50					20		10	10	10
55					22		11	11	11
60					24		12	12	12
65					26		13	13	13
70					28		14	14	14
75					30		15	15	15
80					32		16	16	16
85					34		17	17	17
90					36		18	18	18
95					38		19	19	19
100					40		20	20	20
105					42		21	21	21
110					44		22	22	22
115					46		23	23	23
120					48		24	24	24
125					50		25	25	25
130					52		26	26	26
135					54		27	27	27
140					56		28	28	28
145					58		29	29	29
150					60		30	30	30
155					62		31	31	31
160					64		32	32	32
165					66		33	33	33
170					68		34	34	34
175					70		35	35	35
180					72		36	36	36
185					74		37	37	37
190					76		38	38	38
195					78		39	39	39
200					80		40	40	40

AUTO					M. T.		H.T	Bus	Mo.
205					82		41	41	41
210					84		42	42	42
215					86		43	43	43
220					88		44	44	44
225					90		45	45	45
230					92		46	46	46
235					94		47	47	47
240					96		48	48	48
245					98		49	49	49
250					100		50	50	50
255					102		51	51	51
260					104		52	52	52
265					106		53	53	53
270					108		54	54	54
275					110		55	55	55
280					112		56	56	56
285					114		57	57	57
290					116		58	58	58
295					118		59	59	59
300					120		60	60	60
305					122		61	61	61
310					124		62	62	62
315					126		63	63	63
320					128		64	64	64
325					130		65	65	65
330					132		66	66	66
335					134		67	67	67
340					136		68	68	68
345					138		69	69	69
350					140		70	70	70
355					142		71	71	71
360					144		72	72	72
365					146		73	73	73
370					148		74	74	74
375					150		75	75	75
380					152		76	76	76
385					154		77	77	77
390					156		78	78	78
395					158		79	79	79
400					160		80	80	80

ENTECH CONSULTING GROUP
PLANNING • ENVIRONMENTAL • CONSTRUCTION MANAGEMENT

FIELD NOISE MEASUREMENT

Project: Ascot Avenue Elementary School

ID

Site ID: ST-2 Engineer (s): ENTECH

Date: 11 06 2018 Start Time: 11 : 30

Property Owner: Los Angeles Unified School District

Address: 1447 E 45th St, Los Angeles, CA 90011

WEATHER

Temp. 74 °F Hum. 50 % R.H. Wind Spd: WNW2 mph

Wind Dir.: NW N NE W Calm E SW S SE

Sky:			
☐ OVRCST	☐ PARTLY CLOUDY	☐ CLEAR	☒ SUNNY
☐ FOG	☐ RAIN	☐ OTHER:	

SOUND

SLM ID: _____ Calibration: (Pre) 94.0 dBA (Post) 94.0 dBA

SLM Record ID: # 1 Duration: 15 : 00 L_{eq} 65.6 dBA

NOISE SOURCE

Contamination:
- ☐ Aircraft
- ☐ Rustling leaves
- ☐ Dogs barking
- ☐ Birds
- ☐ Children playing
- ☐ Other_____

Speed Estimated By:
☐ Radar ☐ Driving
☐ Other_____

Major Source: ☐ Traffic ☐ Rail ☐ Industrial ☐ Aircraft ☐ Other_____

Traffic Count Duration: MM : SS

Dir.	Auto		M. Truck		H. Truck		Bus		Motorcycle	
	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)

FILING

Photo: Camera ID _____ File #: _____

Video: Camera ID _____ File #: _____

TOPO & COMMENTS

Pavement:	Terrain:	Land Use:
☐ Hard	☐ Flat	Cu.____
☐ Soft	☐ Uneven	Fu.____
☐ Mixed	☐ Shape	

COMMENTS

Δ Elev.

TRAFFIC COUNT SHEET

AUTO					M. T.		H.T	Bus	Mo.
5					2		1	1	1
10					4		2	2	2
15					6		3	3	3
20					8		4	4	4
25					10		5	5	5
30					12		6	6	6
35					14		7	7	7
40					16		8	8	8
45					18		9	9	9
50					20		10	10	10
55					22		11	11	11
60					24		12	12	12
65					26		13	13	13
70					28		14	14	14
75					30		15	15	15
80					32		16	16	16
85					34		17	17	17
90					36		18	18	18
95					38		19	19	19
100					40		20	20	20
105					42		21	21	21
110					44		22	22	22
115					46		23	23	23
120					48		24	24	24
125					50		25	25	25
130					52		26	26	26
135					54		27	27	27
140					56		28	28	28
145					58		29	29	29
150					60		30	30	30
155					62		31	31	31
160					64		32	32	32
165					66		33	33	33
170					68		34	34	34
175					70		35	35	35
180					72		36	36	36
185					74		37	37	37
190					76		38	38	38
195					78		39	39	39
200					80		40	40	40

AUTO					M. T.		H.T	Bus	Mo.
205					82		41	41	41
210					84		42	42	42
215					86		43	43	43
220					88		44	44	44
225					90		45	45	45
230					92		46	46	46
235					94		47	47	47
240					96		48	48	48
245					98		49	49	49
250					100		50	50	50
255					102		51	51	51
260					104		52	52	52
265					106		53	53	53
270					108		54	54	54
275					110		55	55	55
280					112		56	56	56
285					114		57	57	57
290					116		58	58	58
295					118		59	59	59
300					120		60	60	60
305					122		61	61	61
310					124		62	62	62
315					126		63	63	63
320					128		64	64	64
325					130		65	65	65
330					132		66	66	66
335					134		67	67	67
340					136		68	68	68
345					138		69	69	69
350					140		70	70	70
355					142		71	71	71
360					144		72	72	72
365					146		73	73	73
370					148		74	74	74
375					150		75	75	75
380					152		76	76	76
385					154		77	77	77
390					156		78	78	78
395					158		79	79	79
400					160		80	80	80

ENTECH CONSULTING GROUP
PLANNING • ENVIRONMENTAL • CONSTRUCTION MANAGEMENT

FIELD NOISE MEASUREMENT

Project: Ascot Avenue Elementary School

ID

Site ID: ST-3 Engineer (s): ENTECH

Date: 11 06 2018 Start Time: 12 : 00

Property Owner: Los Angeles Unified School District

Address: 1447 E 45th St, Los Angeles, CA 90011

WEATHER

Temp. 74 °F Hum. 50 % R.H. Wind Spd: WNW2 mph

Wind Dir.: NW N NE W Calm E SW S SE

Sky: ☐ OVRCST ☐ PARTLY CLOUDY ☐ CLEAR ☒ SUNNY ☐ FOG ☐ RAIN ☐ OTHER: _____

SOUND

SLM ID: _____ Calibration: (Pre) 94.0 dBA (Post) 94.0 dBA

SLM Record ID: # 1 Duration: 15 : 00 L_{eq} 65.0 dBA

NOISE SOURCE

Contamination:
- ☐ Aircraft
- ☐ Rustling leaves
- ☐ Dogs barking
- ☐ Birds
- ☐ Children playing
- ☐ Other_____

Speed Estimated By:
☐ Radar ☐ Driving
☐ Other_____

Major Source: ☐ Traffic ☐ Rail ☐ Industrial ☐ Aircraft ☐ Other_____

Traffic Count Duration: MM : SS

Dir.	Auto		M. Truck		H. Truck		Bus		Motorcycle	
	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)

FILING

Photo: Camera ID _____ File #: _____

Video: Camera ID _____ File #: _____

TOPO & COMMENTS

Pavement: ☐ Hard ☐ Soft ☐ Mixed

Terrain: ☐ Flat ☐ Uneven ☐ Shape

Land Use: Cu.____ Fu.____

Δ Elev.

COMMENTS

_____
_____
_____
_____
_____
_____
_____

TRAFFIC COUNT SHEET

AUTO					M. T.		H.T	Bus	Mo.
5					2		1	1	1
10					4		2	2	2
15					6		3	3	3
20					8		4	4	4
25					10		5	5	5
30					12		6	6	6
35					14		7	7	7
40					16		8	8	8
45					18		9	9	9
50					20		10	10	10
55					22		11	11	11
60					24		12	12	12
65					26		13	13	13
70					28		14	14	14
75					30		15	15	15
80					32		16	16	16
85					34		17	17	17
90					36		18	18	18
95					38		19	19	19
100					40		20	20	20
105					42		21	21	21
110					44		22	22	22
115					46		23	23	23
120					48		24	24	24
125					50		25	25	25
130					52		26	26	26
135					54		27	27	27
140					56		28	28	28
145					58		29	29	29
150					60		30	30	30
155					62		31	31	31
160					64		32	32	32
165					66		33	33	33
170					68		34	34	34
175					70		35	35	35
180					72		36	36	36
185					74		37	37	37
190					76		38	38	38
195					78		39	39	39
200					80		40	40	40

AUTO					M. T.		H.T	Bus	Mo.
205					82		41	41	41
210					84		42	42	42
215					86		43	43	43
220					88		44	44	44
225					90		45	45	45
230					92		46	46	46
235					94		47	47	47
240					96		48	48	48
245					98		49	49	49
250					100		50	50	50
255					102		51	51	51
260					104		52	52	52
265					106		53	53	53
270					108		54	54	54
275					110		55	55	55
280					112		56	56	56
285					114		57	57	57
290					116		58	58	58
295					118		59	59	59
300					120		60	60	60
305					122		61	61	61
310					124		62	62	62
315					126		63	63	63
320					128		64	64	64
325					130		65	65	65
330					132		66	66	66
335					134		67	67	67
340					136		68	68	68
345					138		69	69	69
350					140		70	70	70
355					142		71	71	71
360					144		72	72	72
365					146		73	73	73
370					148		74	74	74
375					150		75	75	75
380					152		76	76	76
385					154		77	77	77
390					156		78	78	78
395					158		79	79	79
400					160		80	80	80

ENTECH CONSULTING GROUP
PLANNING • ENVIRONMENTAL • CONSTRUCTION MANAGEMENT

FIELD NOISE MEASUREMENT

Project: Ascot Avenue Elementary School

ID

Site ID: ST-4 Engineer (s): ENTECH

Date: 11 06 2018 Start Time: 12 : 30

Property Owner: Los Angeles Unified School District

Address: 1447 E 45th St, Los Angeles, CA 90011

WEATHER

Temp. 74 ºF Hum. 50 % R.H. Wind Spd: WNW2 mph

Wind Dir.: NW N NE W Calm E SW S SE

Sky: ☐ OVRCST ☐ PARTLY CLOUDY ☐ CLEAR ☒ SUNNY ☐ FOG ☐ RAIN ☐ OTHER: _____

SOUND

SLM ID: _____ Calibration: (Pre) 94.0 dBA (Post) 94.0 dBA

SLM Record ID: # 1 Duration: 15 : 00 L_{eq} 69.1 dBA

NOISE SOURCE

Contamination:
- ☐ Aircraft
- ☐ Rustling leaves
- ☐ Dogs barking
- ☐ Birds
- ☐ Children playing
- ☐ Other_____

Speed Estimated By:
☐ Radar ☐ Driving
☐ Other_____

Major Source: ☐ Traffic ☐ Rail ☐ Industrial ☐ Aircraft ☐ Other_____

Traffic Count Duration: MM : SS

Dir.	Auto		M. Truck		H. Truck		Bus		Motorcycle	
	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)

FILING

Photo: Camera ID _____ File #: _____

Video: Camera ID _____ File #: _____

TOPO & COMMENTS

Pavement:	Terrain:	Land Use:
☐ Hard	☐ Flat	Cu.____
☐ Soft	☐ Uneven	Fu.____
☐ Mixed	☐ Shape	

COMMENTS

Δ Elev.

TRAFFIC COUNT SHEET

AUTO					M. T.		H.T	Bus	Mo.
5					2		1	1	1
10					4		2	2	2
15					6		3	3	3
20					8		4	4	4
25					10		5	5	5
30					12		6	6	6
35					14		7	7	7
40					16		8	8	8
45					18		9	9	9
50					20		10	10	10
55					22		11	11	11
60					24		12	12	12
65					26		13	13	13
70					28		14	14	14
75					30		15	15	15
80					32		16	16	16
85					34		17	17	17
90					36		18	18	18
95					38		19	19	19
100					40		20	20	20
105					42		21	21	21
110					44		22	22	22
115					46		23	23	23
120					48		24	24	24
125					50		25	25	25
130					52		26	26	26
135					54		27	27	27
140					56		28	28	28
145					58		29	29	29
150					60		30	30	30
155					62		31	31	31
160					64		32	32	32
165					66		33	33	33
170					68		34	34	34
175					70		35	35	35
180					72		36	36	36
185					74		37	37	37
190					76		38	38	38
195					78		39	39	39
200					80		40	40	40

AUTO					M. T.		H.T	Bus	Mo.
205					82		41	41	41
210					84		42	42	42
215					86		43	43	43
220					88		44	44	44
225					90		45	45	45
230					92		46	46	46
235					94		47	47	47
240					96		48	48	48
245					98		49	49	49
250					100		50	50	50
255					102		51	51	51
260					104		52	52	52
265					106		53	53	53
270					108		54	54	54
275					110		55	55	55
280					112		56	56	56
285					114		57	57	57
290					116		58	58	58
295					118		59	59	59
300					120		60	60	60
305					122		61	61	61
310					124		62	62	62
315					126		63	63	63
320					128		64	64	64
325					130		65	65	65
330					132		66	66	66
335					134		67	67	67
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345					138		69	69	69
350					140		70	70	70
355					142		71	71	71
360					144		72	72	72
365					146		73	73	73
370					148		74	74	74
375					150		75	75	75
380					152		76	76	76
385					154		77	77	77
390					156		78	78	78
395					158		79	79	79
400					160		80	80	80

ENTECH CONSULTING GROUP
PLANNING • ENVIRONMENTAL • CONSTRUCTION MANAGEMENT

FIELD NOISE MEASUREMENT

Project: Ascot Avenue Elementary School

ID

Site ID: ST-5 Engineer (s): ENTECH

Date: 11 06 2018 Start Time: 1:00

Property Owner: Los Angeles Unified School District

Address: 1447 E 45th St, Los Angeles, CA 90011

WEATHER

Temp. 74 °F Hum. 50 % R.H. Wind Spd: WNW2 mph

Sky: ☐ OVRCST ☐ PARTLY CLOUDY ☐ CLEAR ☒ SUNNY ☐ FOG ☐ RAIN ☐ OTHER: _____

Wind Dir.: NW N NE W Calm E SW S SE

SOUND

SLM ID: _____ Calibration: (Pre) 94.0 dBA (Post) 94.0 dBA

SLM Record ID: # 1 Duration: 15:00 L_{eq} 57.9 dBA

NOISE SOURCE

Contamination:
- ☐ Aircraft
- ☐ Rustling leaves
- ☐ Dogs barking
- ☐ Birds
- ☐ Children playing
- ☐ Other_____

Speed Estimated By:
☐ Radar ☐ Driving
☐ Other_____

Major Source: ☐ Traffic ☐ Rail ☐ Industrial ☐ Aircraft ☐ Other_____

Traffic Count Duration: MM:SS

Dir.	Auto		M. Truck		H. Truck		Bus		Motorcycle	
	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)	Count	Speed (mph)

FILING

Photo: Camera ID _____ File #: _____

Video: Camera ID _____ File #: _____

TOPO & COMMENTS

Pavement: ☐ Hard ☐ Soft ☐ Mixed

Terrain: ☐ Flat ☐ Uneven ☐ Shape

Land Use: Cu.____ Fu.____

COMMENTS

_____

Δ Elev.

TRAFFIC COUNT SHEET

AUTO					M. T.		H.T	Bus	Mo.
5					2		1	1	1
10					4		2	2	2
15					6		3	3	3
20					8		4	4	4
25					10		5	5	5
30					12		6	6	6
35					14		7	7	7
40					16		8	8	8
45					18		9	9	9
50					20		10	10	10
55					22		11	11	11
60					24		12	12	12
65					26		13	13	13
70					28		14	14	14
75					30		15	15	15
80					32		16	16	16
85					34		17	17	17
90					36		18	18	18
95					38		19	19	19
100					40		20	20	20
105					42		21	21	21
110					44		22	22	22
115					46		23	23	23
120					48		24	24	24
125					50		25	25	25
130					52		26	26	26
135					54		27	27	27
140					56		28	28	28
145					58		29	29	29
150					60		30	30	30
155					62		31	31	31
160					64		32	32	32
165					66		33	33	33
170					68		34	34	34
175					70		35	35	35
180					72		36	36	36
185					74		37	37	37
190					76		38	38	38
195					78		39	39	39
200					80		40	40	40

AUTO					M. T.		H.T	Bus	Mo.
205					82		41	41	41
210					84		42	42	42
215					86		43	43	43
220					88		44	44	44
225					90		45	45	45
230					92		46	46	46
235					94		47	47	47
240					96		48	48	48
245					98		49	49	49
250					100		50	50	50
255					102		51	51	51
260					104		52	52	52
265					106		53	53	53
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275					110		55	55	55
280					112		56	56	56
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300					120		60	60	60
305					122		61	61	61
310					124		62	62	62
315					126		63	63	63
320					128		64	64	64
325					130		65	65	65
330					132		66	66	66
335					134		67	67	67
340					136		68	68	68
345					138		69	69	69
350					140		70	70	70
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360					144		72	72	72
365					146		73	73	73
370					148		74	74	74
375					150		75	75	75
380					152		76	76	76
385					154		77	77	77
390					156		78	78	78
395					158		79	79	79
400					160		80	80	80

APPENDIX I

Site Circulation Report

Site Circulation Report

LAUSD SCHOOL MODERNIZATION PROJECT - ASCOT AVENUE ELEMENTARY SCHOOL

LIN Consulting, Inc.

Traffic, Civil, and Electrical Consulting Engineers

Prepared by:
LIN Consulting, Inc.

For:
ESA
Los Angeles Unified School District

October 26, 2018

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APPENDIX B: WALK AUDIT SHEETS
APPENDIX C: SELECTED PHOTOS
APPENDIX D: ADDITIONAL INFORMATION

1.0 INTRODUCTION

The purpose of this report is to document existing circulation conditions at Ascot Avenue Elementary School (Ascot Avenue ES), located at 1447 East 45thStreet in the Los Angeles Unified School District's (LAUSD) Local District Central in the Central-Alameda community of the City of Los Angeles. This report summarizes existing circulation conditions, including observed and reported circulation operations, for use in the facilities planning and design process for the Ascot Avenue ES Comprehensive Modernization Project.

Observations include conditions and operations at adjacent intersections and roadway segments, internal parking lots, and identified or reported issues. Other existing conditions recorded are general vehicular travel (including pick-up/drop-off operations), school bus, parking, transit, pedestrian, and bicycle activity. To aid this process, a safety audit (with an emphasis on walking) was performed within the campus and on the immediately surrounding streets. The audit encompasses positive and negative site conditions observed during field visits from a professional civil engineering perspective. Walkability, accessibility, visibility, and safety of pedestrians and bicyclists around the perimeter of the school are some of the major site circulation elements that were evaluated in the audit. A follow-up interview regarding access, egress, and circulation at the school has not yet been conducted.

This report concludes with observed deficiencies, operational and/or circulation issues, and offers potential opportunities for improvements to site access and/or onsite circulation that can be explored further in the facilities planning process for the Ascot Avenue ES Comprehensive Modernization Project, as well as other future projects. ***Appendix A*** includes notes from the field review conducted on May 17, 2018, and ***Appendix B*** includes notes from the walk audits conducted on the same date. Selected photos depicting conditions described in this report are included in ***Appendix C***. ***Appendix D*** provides additional information on circulation, such as traffic counts on record or suggested routes to school maps.

1.1 School and Neighborhood Description

The Ascot Avenue ES campus is located in the northernmost section of the community known as Central-Alameda, approximately 4 miles south of downtown Los Angeles. Ascot Avenue ES is an urban school that first opened its doors to students in 1896 and serves students from Kindergarten to 5th grade. Per the school's 2017-2018 Single Plan for Student Achievement (SPSA), Ascot Avenue ES serves a total of 916 students and consists of 34 general education teachers, 5 special day class teachers, and 2 Early Transitional Kindergarten teachers.

2.0 TRANSPORTATION NETWORK

2.1 Streets and Intersections

The Ascot Avenue ES main campus is generally bounded by 46th Street to the south, Compton Avenue to the east, Ascot Avenue to the west, and East Vernon Avenue to the north. A 150-foot-long segment of East 45th Street cuts through to the south of campus and ends in a cul-de-sac where the public entry to the main office can be accessed. Roadway characteristics, including roadway classification identified in the City of Los Angeles *Mobility Plan 2035*, for study area roadways are provided below.

STUDY AREA ROADWAYS

East Vernon Avenue is an east-west roadway classified as an Avenue II with two travel lanes in each direction within the school zone. Curb parking is allowed all day on both sides of Vernon Avenue. The posted speed limit is 35 mph and 25 mph when children are present within the school zone in accordance with Section 22352 of the California Vehicle Code.

Compton Avenue is a north-south roadway classified as an Avenue II with two travel lanes in each direction within the school zone. The posted speed limit is 30 mph and 25 mph when children are present within the school zone in accordance with Section 22352 of the California Vehicle Code. Curb parking is allowed on both sides of the street, with the exception of a no parking zone for roughly 250 feet from 7:00 AM to 5:00 PM on school days; however, school buses are exempted from this restriction. In addition, Compton Avenue has red curbs (no stopping or parking allowed) along various points of the street, mainly around intersections to provide adequate line of sight for drivers.

46th Street is an east-west roadway classified as a Local (standard) street with one travel lane in each direction. There is no posted speed limit within the school zone; however, there are several speed humps along the street with an advisory speed of 15 mph. It should be noted that per Section 22352 of the California Vehicle Code, a school zone warning sign is not required along this segment of 46th Street because it is not adjacent to the school grounds. Curb parking is allowed on the north side of the street with the exception of 10:00 AM to 12:00 PM on Fridays for street sweeping. Curb parking is also allowed on the south side of the street except on Thursdays from 10:00 AM to 12:00 PM for street sweeping.

Ascot Avenue is a north-south roadway classified as a Local (standard) street with one travel lane in each direction within the school zone. There is no posted speed limit, but a school zone

warning sign is posted on northbound Ascot Avenue north of 46th Street in accordance with Section 22352 of the California Vehicle Code; there is no school zone warning sign in the southbound direction. Curb parking is allowed on the west side of the street with the exception of 10:00 AM to 12:00 PM on Fridays for street sweeping. Curb parking is also allowed for the east side of the street except on Thursdays from 10:00 AM to 12:00 PM for street sweeping. To the north of 45th Street, 2-hour curb parking is provided on the east side of the street from 9:00 AM to 1:30 PM on school days; this 2-hour zone extends all the way to Vernon Avenue. This zone also serves as a passenger loading area from 6:30 AM to 9:00 AM and 1:30 PM to 4:00 PM on school days.

45th Street is an east-west roadway classified as a Local (standard) street with one travel lane in each direction within the school zone. West of Compton Avenue, the street ends in a short cul-de-sac that is roughly 150 feet long. There is no posted speed limit within the school zone, and no school warning signs are posted. East of Compton Avenue, a school zone warning sign is required on westbound 45th Street per Section 22352 of the California Vehicle Code because the street has a prima facie speed limit of 25 mph and is contiguous to the school. Curb parking is allowed for both sides of the street except from 10:00 AM to noon on Fridays for street sweeping. The street functions primarily as a drop-off/pick-up point for Ascot Avenue ES as well as an access to the southeast parking lot.

STUDY AREA INTERSECTIONS

East Vernon Avenue & Compton Avenue is a signalized intersection operating under semi-actuated signal phasing. The intersection has permissive left turns for all four approaches. Pedestrian crosswalks are provided for all four approaches.

East Vernon Avenue & Ascot Avenue is a signalized intersection operating under semi-actuated signal phasing. The intersection has permissive left turns for all four approaches. Pedestrian crosswalks are provided for all four approaches.

46th Street & Ascot Avenue is an unsignalized intersection with stop control on all movements.

46th Street & Compton Avenue is an unsignalized intersection with stop control on 46th Street.

45th Street & Ascot Avenue is an unsignalized T-intersection with stop control on all movements.

45th Street & Compton Avenue is an unsignalized offset intersection with stop control on 45th Street.

Specific characteristics of each intersection, including lane configurations, can be found in ***Appendix A***.

2.2 Transit

Metro is the only transit operator that provides public transit access to Ascot Avenue ES. Bus transit stops and services (operators and routes) provided adjacent to Ascot Avenue ES are as follows:

- East Vernon Avenue
  - Northwest corner of Ascot Avenue
    - Metro 105 (westbound)
  - Southwest corner of Ascot Avenue
    - Metro 105 (eastbound)
  - Northeast corner of Compton Avenue
    - Metro 105 (westbound)
  - Southeast corner of Compton Avenue
    - Metro 105 (eastbound)
- Compton Avenue
  - Southwest corner of East Vernon Avenue
    - Metro 55, Metro 355, and Metro 611 (southbound)
  - Northeast corner of East Vernon Avenue
    - Metro 55 and Metro 355 (northbound)
    - LADOT Dash Southeast (northbound)

Metro Local Route 105 operates seven days a week between West Hollywood and Vernon via Vernon Avenue. Metro Local Route 55 operates seven days a week and Route 355 operates Monday through Friday between south of Fashion District and Compton. Metro Local Route 611 operates seven days a week traveling in a loop between South Los Angeles and Cudahy. The Metro Blue Line Vernon Station is located half a mile east of Ascot Avenue ES.

2.3 Bicycle and Pedestrian Facilities

There are no exclusive bicycle lanes located within the school zone, with bicyclists sharing the sidewalk with pedestrians or the roadway with vehicles.

In the *Mobility Plan 2035,* Ascot Avenue ES is within the pedestrian enhanced district along East Vernon Avenue. Concrete sidewalks exist on both sides of Compton Avenue, Ascot Avenue, East Vernon Avenue, 45th Street, and 46th Street within the school zone. In many locations, the sidewalk is paved inside the landscape buffer to the back of curb, with regular gaps provided for tree planters. These sidewalks appear to be accessible to disabled students. However, there is a sidewalk segment on the north side of East 45th Street and a sidewalk segment on the west side of Compton Avenue which are uneven due to overgrown trees.

Although an interview with school administration could not be completed for this Site Circulation Report, LAUSD Facilities Division has been coordinating with Ascot Avenue ES administration regarding issues relating to bicycle or pedestrian facilities.

2.4 Parks and Other Recreational Facilities

Fred Roberts Recreation Center is approximately 2,000 feet walking southeast of Ascot Avenue ES. Ross Snyder Recreation Center is approximately 1,800 feet walking north of Ascot Avenue ES.

2.5 Congestion Locations

During the morning drop off period, queues were observed along northbound Ascot Avenue 150 feet south off East Vernon Avenue and 150 feet south of East 45th Street due to pedestrians crossing the intersection. In addition, 75-foot-long queues were observed on southbound Ascot Avenue between East Vernon Avenue and East 46th Street due to vehicles blocking the through movement by making U-turns and double-parking. The East 45th Street cul-de-sac is one of the main locations for drop-off/pick up, thus vehicles line up along the curb and then proceed to make a U-turn to Compton Avenue or proceed to the alley south of the cul-de-sac leading to Ascot Avenue after loading/unloading. Vehicles were also observed double parking along the curb 15 minutes before the morning bell, adding to the congestion.

During the afternoon pick up period, 75-foot-long queues were observed on northbound Ascot Avenue between East Vernon Avenue and East 46th Street due to vehicles double-parking and exiting from curb parking. On westbound 45th Street, a 175-foot-long queue was observed due to parents picking up students. Vehicles were also observed double-parking along Ascot Avenue and East 45th Street before dismissal time, adding to the congestion.

Appendix D contains traffic counts that were obtained from the City of Los Angeles Department of Transportation (LADOT) *NavigateLA* database.

3.0 SCHOOL OPERATIONS

3.1 Parking

There are three faculty/staff parking lots at Ascot Avenue ES. The first faculty/staff lot is in the southeast corner of campus near Compton Avenue. It is a small lot that contains 26 marked spaces, with one regular and one van-accessible space. The parking lot is split into two smaller lots, with each lot accessed from a gate along the 45th Street cul-de-sac. The gates are normally closed during school hours. The lot was observed to be 75% utilized during school hours.

The second faculty parking lot is on the northwest corner of campus, and can be accessed from a gate along the south side of East Vernon Street. The lot contains 33 marked spaces with one regular and one van-accessible spaces. This lot is enclosed within a gated area and the gate is normally closed during school hours. The lot was observed to be approximately 50% to 75% utilized during school hours.

The third parking lot is on the ground floor of one of the school's buildings. The lot can be accessed from East Vernon Avenue through a gate. The lot contains 24 marked spaces with a van accessible space. This lot was observed to be over 95% utilized during school hours.

3.2 Circulation

Most vehicular traffic to or from the school travels from Compton Avenue to 45th Street, from East Vernon Avenue to Ascot Avenue, or cuts through 46th Street in the south.

There are various designated or signed pick-up/drop-off areas around the Ascot Avenue ES campus. Passenger loading is allowed on the east side of Ascot Avenue from East Vernon Avenue to 45th Street. This pick-up/drop-off zone is shared with the school bus loading/unloading area. Often vehicles begin to queue in this location. Since the length of the loading zone is only approximately 150 feet, some vehicles were observed double-parking to drop-off students. In addition, some vehicles were observed to stop along the red curb by the gate on Ascot Avenue & 45th Street during drop-off period. During the pick-up period, some vehicles were observed to park along Ascot Avenue 15 minutes before dismissal times and vehicles were observed to double-park, creating congestion.

The second loading/unloading location is along the 45th Street cul-de-sac off of Compton Avenue. Vehicles were observed to travel into the cul-de-sac both from Compton Avenue and

from an alley that is accessible from Ascot Avenue. These vehicles then make a U-turn after loading/unloading. Curb parking is also allowed in the cul-de-sac and vehicles often queue up along the curb before dismissal time. A school employee is deployed at this location that assists with traffic control from 7:30 to 7:50 AM during drop-off and around 2:00 PM for pick-up. However, when the employee leaves, traffic circulation becomes disorganized and vehicles begin to double-park or even triple-park along the side of the street, creating congestion.

Since Ascot Avenue ES is a closed campus, several gates restrict access and are opened only for morning and afternoon bell periods. Most students enter the main campus by gates on Ascot Avenue or 45th Street. No crossing guards are deployed at intersections located along the perimeter of Ascot Avenue ES.

Selected photos for major deficiencies are provided in ***Appendix C***.

3.3 Crash History

Crash data used for the Vision Zero project was extracted within the Ascot Avenue ES school zone. Between 2013 and 2017, a total of 41 crashes occurred. 27 of these crashes were near the intersection of Vernon Avenue and Compton Avenue. 7 of these occurred at the intersection of Vernon Avenue and Ascot Avenue. 5 collisions occurred at the intersection of Compton Avenue and 45th Street. 2 collisions occurred at the intersection of Ascot Avenue and 45th Street. Within the school zone, 5 pedestrian collisions and 3 bicycle collision were recorded, all of which resulted in non-severe injuries. No fatalities and one severe injury were recorded. Most collisions were classified as rear end, broadside, or sideswipes.

Based on the available data, discernible collision patterns were noted. Of the 27 crashes that occurred near the intersection of Vernon Avenue and Compton Avenue, 10 were broadside type of collision where 6 occurred right at the intersection, 4 involved pedestrian collisions, and 3 involved bicycle collisions. These collisions may be partly due to the fact that the intersection is a skewed intersection and the left turn movements are in permissive phasing and no designated bicycle route is provided for any of the intersection approaches. Additionally, the recorded collision that resulted in severe injury involved a pedestrian not on the road and a vehicle violating Section 22106 of the California Vehicle Code (unsafe starting or backing of vehicle). This collision may be partly due to the high volume mix of both pedestrians and vehicles along Ascot Avenue during the peak pick-up/drop-off period, leading to multiple conflict points.

Because of the severity and frequency of pedestrian and bicycle-related collisions at this location, Ascot Avenue ES has been designated as a "Top 50 School" in the City of Los Angeles Vision Zero initiative.

4.0 DEFICIENCIES AND OPPORTUNITIES

4.1 Walk Audit Observations

Although a more detailed internal assessment of circulation could not be completed for this Site Circulation Report, LAUSD Facilities Division has been coordinating with Ascot Avenue ES administration regarding issues relating to internal circulation.

The external walk audit conducted on May 17, 2018 within the school perimeter revealed the following deficiencies:

- Compton Avenue
  - Sidewalks are generally uneven and cracked, which may cause mobility concerns for students
  - Some street signs have graffiti, making it difficult to read
  - No transit shelters or benches provided at bus stops
- 45th Street Cul-de-sac
  - Sidewalks are generally uneven and cracked, which may cause mobility concerns for students Additional detail from the walk audit is provided in ***Appendix B***. Selected photos for major deficiencies prompted by the walk audit are provided in ***Appendix C***.

4.2 Observed Circulation Deficiencies

- Pick-up/Drop-offs
  - Vehicles double or triple parking along 45th Street, creating congestion
  - Vehicles double parking along Ascot Avenue, creating congestion
  - Vehicles stopping along no parking zones along Ascot Avenue
  - Vehicles parking at driveway or blocking driveways along Ascot Avenue
- Circulation
  - No crossing guard at any major intersections around campus
  - Abutting sidewalks are uneven; may discourage students from walking (who would rather use pick-up/drop-offs)

4.3 Positive Attributes

- Campus layout makes traversing through campus quick and easy
- Campus features dedicated student drop-off/pick-up at various locations around the school perimeter.

4.4 Opportunities

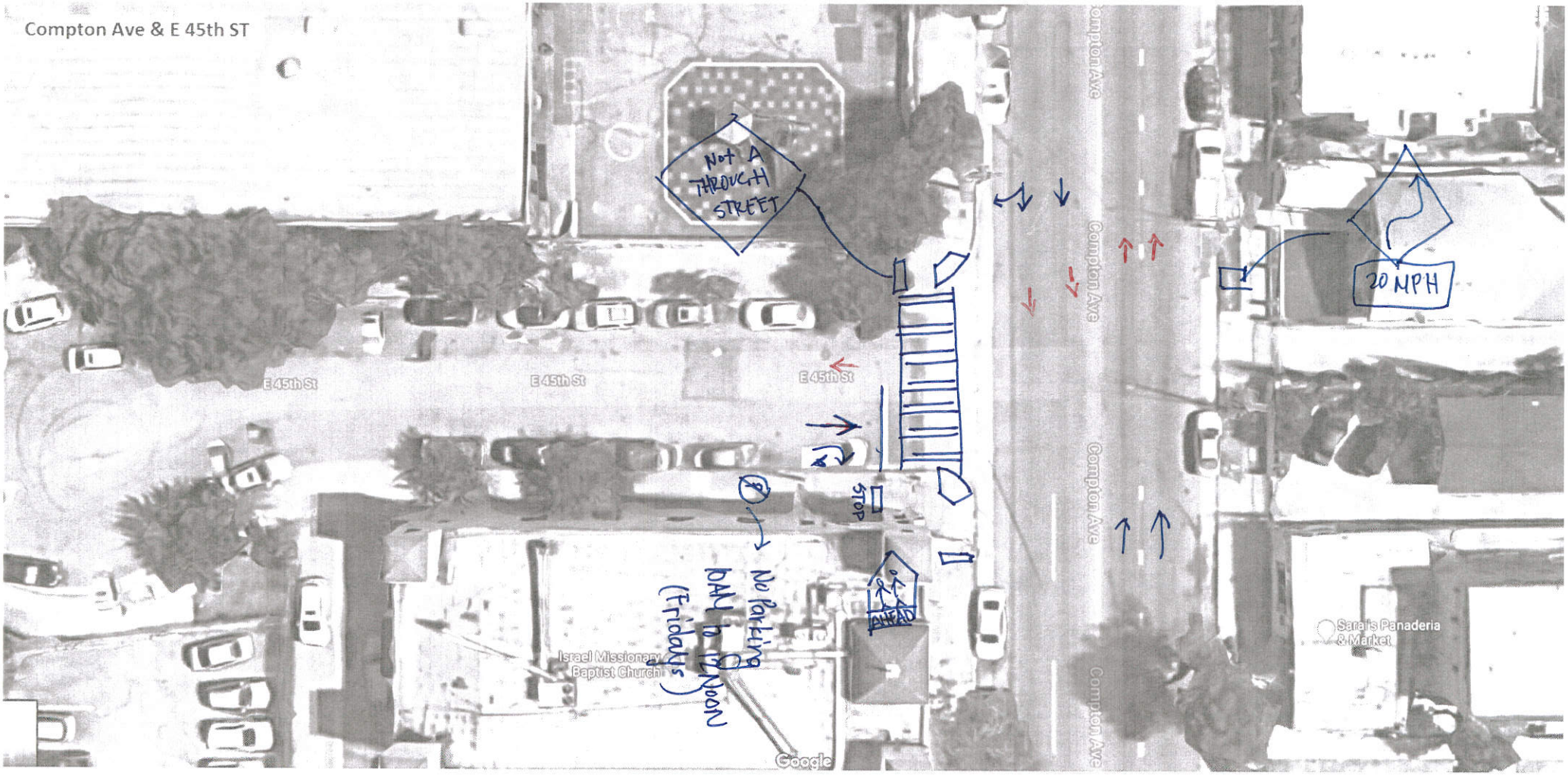
The following opportunities are not required improvements and are not required to limit or mitigate potential impacts. This list is provided solely as observations to LAUSD of the existing conditions that were observed during a site visit for planning purposes. The feasibility or practicality of these opportunities have not been evaluated and LAUSD does not have jurisdiction over any off-site improvements.

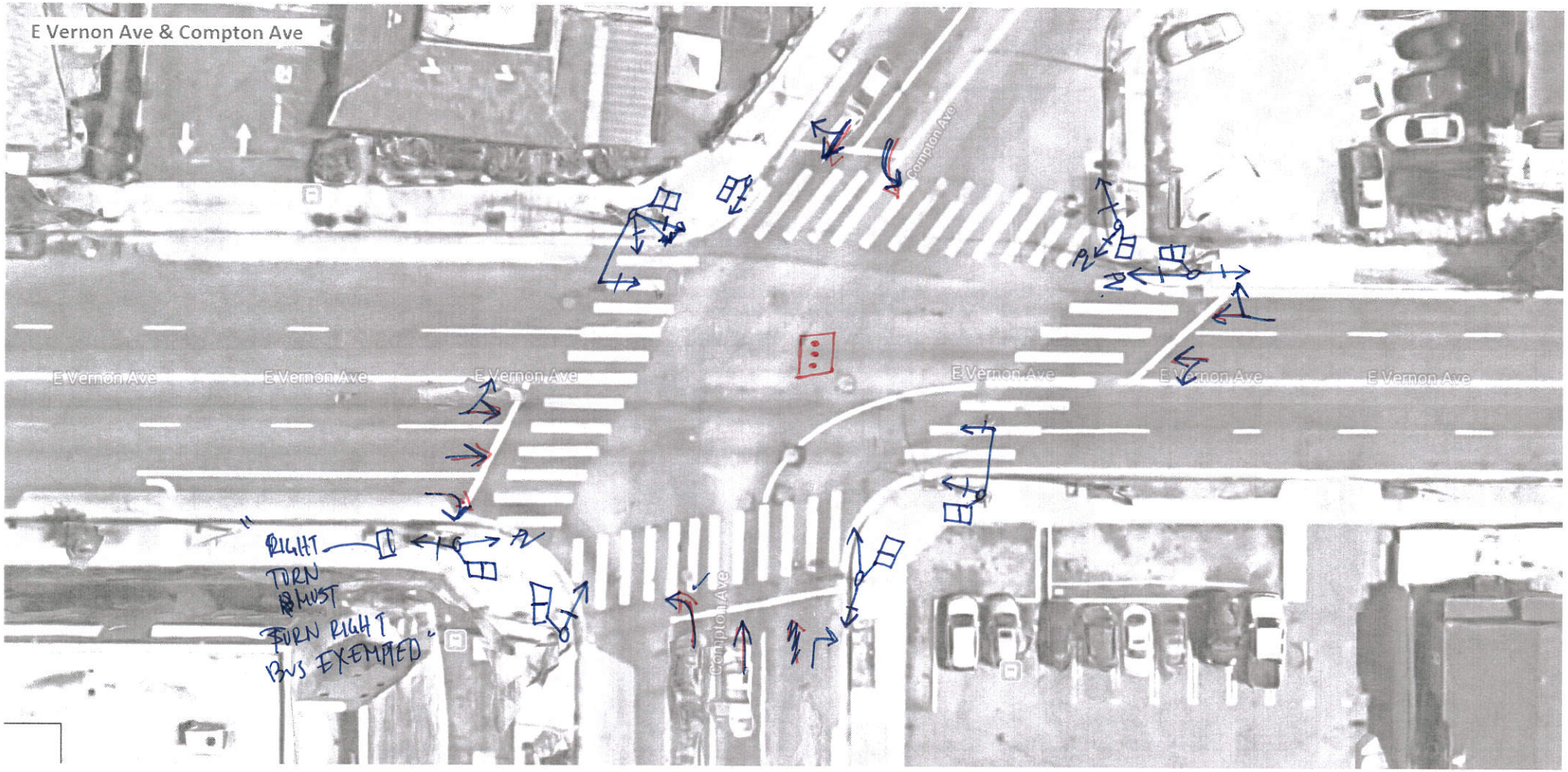
- Crossing guard (signage) warrant analysis is recommended to facilitate crosswalk operations
- Addition of dedicated school bus loading and unloading zones to separate from vehicles
- Additional staff and/or volunteers, and extending times present to direct and facilitate circulation in the cul-de-sac

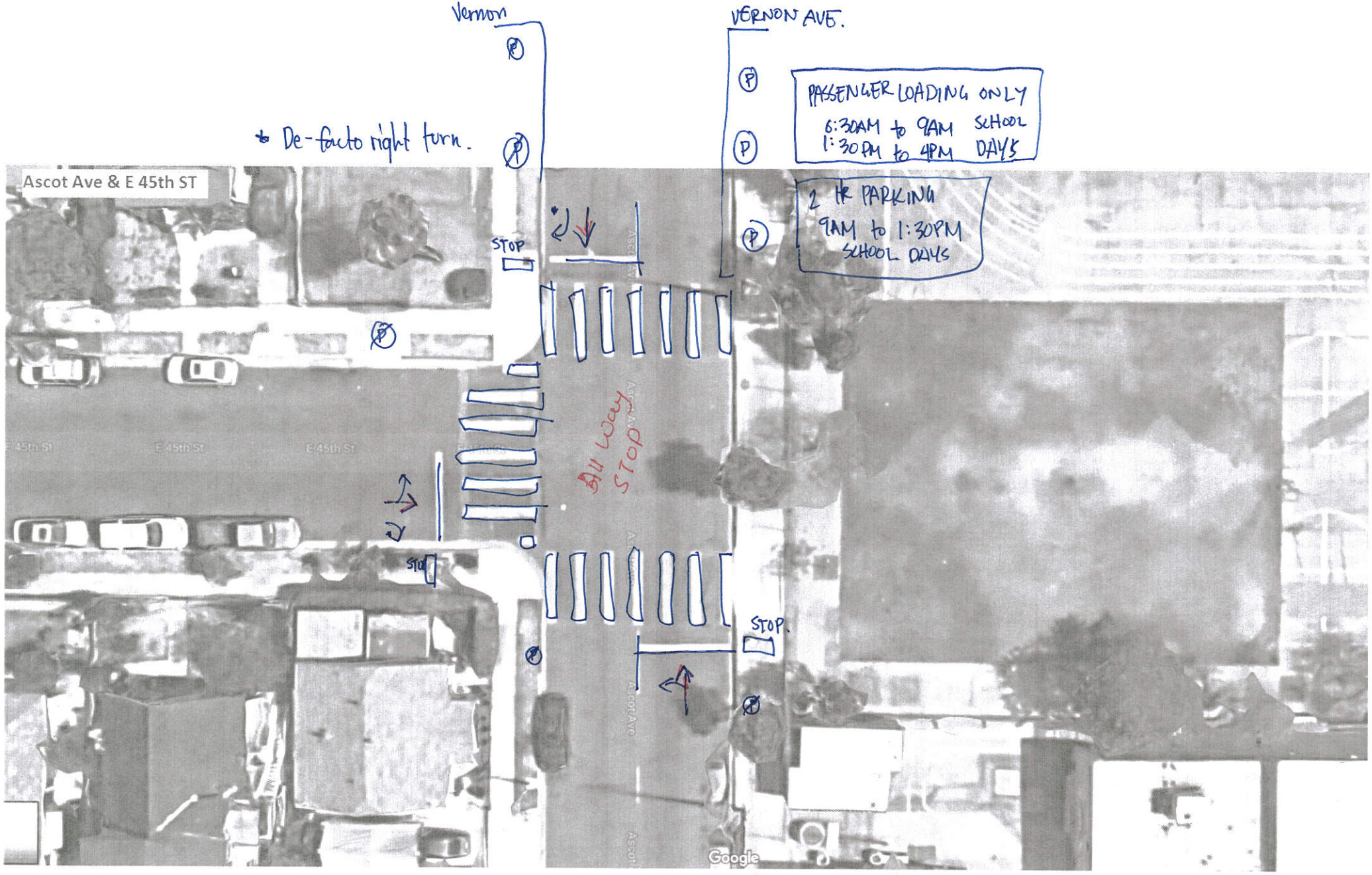
APPENDIX A

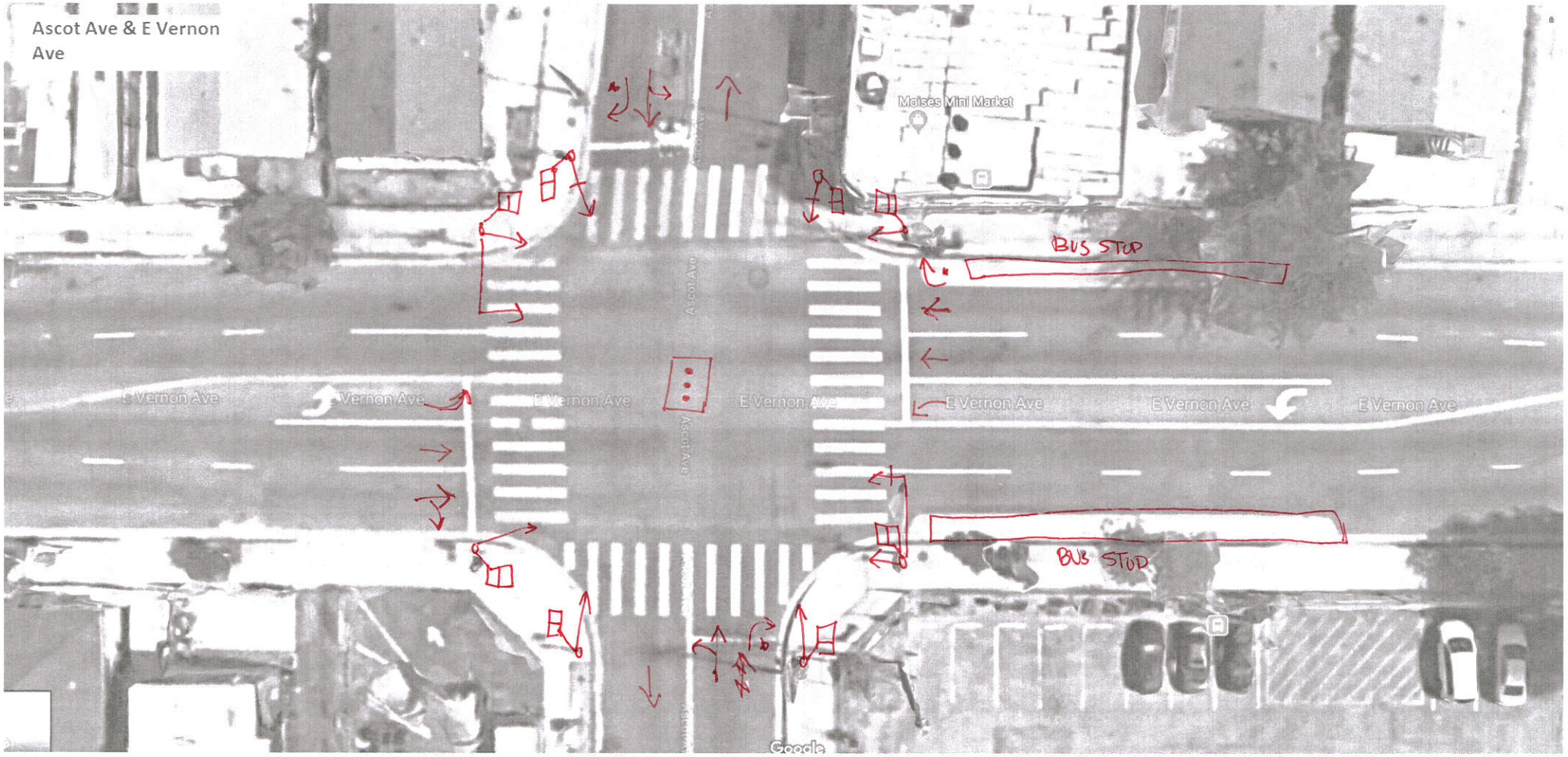
Field Review Sheets

* = De-facto right turn.




E Vernon Ave & Compton Ave
E Vernon Ave
E Vernon Ave
E Vernon Ave
E Vernon Ave
E Vernon Ave
E Vernon Ave
Compton Ave
Compton Ave
"RIGHT TURN MUST TURN RIGHT BUS EXEMPTED"


Ascot Ave & E 45th ST
Vernon
VERNON AVE.
PASSENGER LOADING ONLY
6:30AM to 9AM SCHOOL
1:30PM to 4PM DAYS
2 HR PARKING
9AM to 1:30PM
SCHOOL DAYS
* De-facto right turn.
STOP
STOP
STOP.
All way Stop
E 45th St
Ascot Ave
Google


Ascot Ave & E Vernon Ave
Moises Mini Market
BUS STOP
BUS STOP
E Vernon Ave
Ascot Ave
Google

Ascot Avenue Elementary School

E Vernon Ave
Right lane must turn right
E Vernon Ave
BUS STOP
METRO 105
EXCEPT
7AM TO 9AM
MONDAY THRU FRIDAY
BUS STOP.
METRO 105.
Ascot Ave
Compton Ave
E 45th St
Google Earth
N

Ascot Avenue & E 46th Street

Compton Avenue & E 46th Street

Compton Avenue
E 45th St
E 46th St
Compton Ave
E Vernon Ave
Google Earth
LIGHT LANE MUST TURN RIGHT
TOW AWAY. NO STOPPING 7AM-5PM SCHOOL DAYS. SCHOOL BUS EXEMPTED.
BUS STOP
METRO
55, 355, 611
stop sign
AM drop-off
no queue.
three-four cars
same time.
(7:30-7:50)
a man
stand here
to help
u-turn.
when he leaves, becomes bad.
after drop off kids, turn to this way
Parking staff only

E 45th Street / Alley / E 46th Street

APPENDIX B

Walk Audit Sheets

EXISTING CONDITIONS FIELD ASSESSMENT

PROCEDURE:

Each school location will include a project limit of all streets, intersections and midblock crossings that immediately surround the school grounds. Streets and intersections will be identified prior to the site visit.

OBSERVER: VIVIANNE TABUENA; SIHUA SONG DATE: 5/17/18

LOCATION/WEATHER: TIME: 7:00AM - 3:00PM

STREETS:

ASCOT AVE, between E VERNON AVE and 46th ST

E VERNON AVE, between ASCOT AVE and COMPTON AVE

LOMPTON AVE, between E VERNON AVE and 46th St

46th St, between ASCOT AVE and COMPTON AVE

45th ST & Between SCHOOL and COMPTON AVE

INTERSECTIONS:

E VERNON AVE and ASCOT AVE

ASCOT AVE and 45th ST

ASCOT AVE and 46th ST

46th ST and COMPTON

COMPTON and 45th St

COMPTON AND E VERNON AVE.

After the project limit has been determined and aerial has been printed, the following list of items will be recorded or identified as missing:

1. Existing Lane Configurations
   a. Intersections – within reasonable vicinity of school
   b. Street Segments – within reasonable vicinity of school
2. Existing Traffic Signs
3. Locations of Existing Traffic Signals and Street Lighting
4. Locations of Existing Transit Areas
5. Existing Pedestrian and Bicycle Facilities
   a. Bike Lanes
   b. Sidewalks
   c. Crosswalks
   d. Pedestrian Ramps
6. Parking configurations as shown on aerials for:
   a. Administration
   b. Teachers
   c. Students
   d. Visitors
   e. Deliveries
   f. Buses
   g. On-street
7. Pick-up and Drop-off Operation Issues During Peak Periods
8. General Internal and External Circulation Issues

A Road Safety Audit (see attached template) will be conducted as part of each location's assessment.

NEEDS:

- Safety Vest
- Clipboard, pad and pen/pencil
- Geo-referenced digital camera
- Measuring wheel
- Shoes with ankle protection

Compton / Vernon Ave.

INTERSECTIONS

Topic		Question	Result (Y, N, Other or N/A)*
Presence, Design and Placement	1.	Do wide curb radii lengthen pedestrian crossing distances and encourage high-speed right turns?	N
	2.	Do channelized right turn lanes minimize conflicts with pedestrians?	N/A
	3.	Does a skewed intersection direct drivers' focus away from crossing pedestrians?	N/A
	4.	Are pedestrian crossings located in areas where sight distance may be a problem?	N
	5.	Do raised medians provide a safe waiting area (refuge) for pedestrians?	N
	6.	Are supervised crossings adequately staffed by qualified crossing guards?	N. No guard
	7.	Are marked crosswalks wide enough?	Y
	8.	Do at-grade railroad crossings accommodate pedestrians safely?	N/A
	9.	Are crosswalks sited along pedestrian desire lines?	Y
	10.	Are corners and curb ramps appropriately planned and designed at each approach to the crossing?	Y
Quality, Conditions, and Obstructions	*Use questions for Streets for potential issues on obstructions*		
	1.	Is the crossing pavement adequate and well maintained?	Y
	2.	Is the crossing pavement flush with the roadway surface?	Y
Continuity and Connectivity	1.	Does pedestrian network connectivity continue through crossings by means of adequate, waiting areas at corners, curb ramps and marked crosswalks?	Y
	2.	Are pedestrians clearly directed to crossing points and pedestrian access ways?	Y
Lighting	1.	Is the pedestrian crossing adequately lit?	Y
Visibility	1.	Can pedestrians see approaching vehicles at all legs of the intersection/crossing and vice versa?	Y
	2.	Is the distance from the stop (or yield) line to a crosswalk sufficient for drivers to see pedestrians?	Y
	3.	Do other conditions exist where stopped vehicles may obstruct visibility of pedestrians?	N
Access Management	1.	Are driveways placed close to crossings?	Y
Traffic Characteristics	1.	Do turning vehicles pose a hazard to pedestrians?	N
	2.	Are there sufficient gaps in the traffic to allow pedestrians to cross the road?	Y
	3.	Do traffic operations (especially during peak periods) create a safety concern for pedestrians?	N
Signs and Pavement Markings	1.	Is paint on stop bars and crosswalks worn, or are signs worn, missing, or damaged?	N
	2.	Are crossing points for pedestrians properly signed and/or marked?	Y
Signals	1.	Are pedestrian signal heads provided and adequate?	Y
	2.	Are traffic and pedestrian signals timed so that wait times and crossing times are reasonable?	Y
	3.	Is there a problem because of an inconsistency in pedestrian actuation (or detection) types?	N
	4.	Are all pedestrian signals and push buttons functioning correctly and safely?	Y
	5.	Are ADA accessible push buttons provided and properly located?	Y

***For any Result with "N" or "Other", please add notes below:**

Compton Ave / 45th St.

INTERSECTIONS

Topic		Question	Result (Y, N, Other or N/A)*
Presence, Design and Placement	1.	Do wide curb radii lengthen pedestrian crossing distances and encourage high-speed right turns?	N
	2.	Do channelized right turn lanes minimize conflicts with pedestrians?	N/A
	3.	Does a skewed intersection direct drivers' focus away from crossing pedestrians?	N/A
	4.	Are pedestrian crossings located in areas where sight distance may be a problem?	N
	5.	Do raised medians provide a safe waiting area (refuge) for pedestrians?	N/A
	6.	Are supervised crossings adequately staffed by qualified crossing guards?	N - No crossing guard.
	7.	Are marked crosswalks wide enough?	Y
	8.	Do at-grade railroad crossings accommodate pedestrians safely?	N/A
	9.	Are crosswalks sited along pedestrian desire lines?	Y
	10.	Are corners and curb ramps appropriately planned and designed at each approach to the crossing?	Y
Quality, Conditions, and Obstructions	*Use questions for Streets for potential issues on obstructions*		
	1.	Is the crossing pavement adequate and well maintained?	Y
	2.	Is the crossing pavement flush with the roadway surface?	Y
Continuity and Connectivity	1.	Does pedestrian network connectivity continue through crossings by means of adequate, waiting areas at corners, curb ramps and marked crosswalks?	Y
	2.	Are pedestrians clearly directed to crossing points and pedestrian access ways?	Y
Lighting	1.	Is the pedestrian crossing adequately lit?	Y
Visibility	1.	Can pedestrians see approaching vehicles at all legs of the intersection/crossing and vice versa?	Y
	2.	Is the distance from the stop (or yield) line to a crosswalk sufficient for drivers to see pedestrians?	Y
	3.	Do other conditions exist where stopped vehicles may obstruct visibility of pedestrians?	N
Access Management	1.	Are driveways placed close to crossings?	N
Traffic Characteristics	1.	Do turning vehicles pose a hazard to pedestrians?	N
	2.	Are there sufficient gaps in the traffic to allow pedestrians to cross the road?	Y
	3.	Do traffic operations (especially during peak periods) create a safety concern for pedestrians?	N
Signs and Pavement Markings	1.	Is paint on stop bars and crosswalks worn, or are signs worn, missing, or damaged?	N
	2.	Are crossing points for pedestrians properly signed and/or marked?	Y
Signals	1.	Are pedestrian signal heads provided and adequate?	N/A
	2.	Are traffic and pedestrian signals timed so that wait times and crossing times are reasonable?	N/A
	3.	Is there a problem because of an inconsistency in pedestrian actuation (or detection) types?	N/A
	4.	Are all pedestrian signals and push buttons functioning correctly and safely?	N/A
	5.	Are ADA accessible push buttons provided and properly located?	N/A

***For any Result with "N" or "Other", please add notes below:**

Ascot Ave / 45th St

INTERSECTIONS

Topic		Question	Result (Y, N, Other or N/A)*
Presence, Design and Placement	1.	Do wide curb radii lengthen pedestrian crossing distances and encourage high-speed right turns?	N/A
	2.	Do channelized right turn lanes minimize conflicts with pedestrians?	N/A
	3.	Does a skewed intersection direct drivers' focus away from crossing pedestrians?	N/A
	4.	Are pedestrian crossings located in areas where sight distance may be a problem?	N
	5.	Do raised medians provide a safe waiting area (refuge) for pedestrians?	N/A
	6.	Are supervised crossings adequately staffed by qualified crossing guards?	N
	7.	Are marked crosswalks wide enough?	Y
	8.	Do at-grade railroad crossings accommodate pedestrians safely?	N/A
	9.	Are crosswalks sited along pedestrian desire lines?	Y
	10.	Are corners and curb ramps appropriately planned and designed at each approach to the crossing?	Y
Quality, Conditions, and Obstructions	*Use questions for Streets for potential issues on obstructions*		
	1.	Is the crossing pavement adequate and well maintained?	Y
	2.	Is the crossing pavement flush with the roadway surface?	Y
Continuity and Connectivity	1.	Does pedestrian network connectivity continue through crossings by means of adequate, waiting areas at corners, curb ramps and marked crosswalks?	Y
	2.	Are pedestrians clearly directed to crossing points and pedestrian access ways?	Y
Lighting	1.	Is the pedestrian crossing adequately lit?	Y
Visibility	1.	Can pedestrians see approaching vehicles at all legs of the intersection/crossing and vice versa?	Y
	2.	Is the distance from the stop (or yield) line to a crosswalk sufficient for drivers to see pedestrians?	Y
	3.	Do other conditions exist where stopped vehicles may obstruct visibility of pedestrians?	N
Access Management	1.	Are driveways placed close to crossings?	N
Traffic Characteristics	1.	Do turning vehicles pose a hazard to pedestrians?	N
	2.	Are there sufficient gaps in the traffic to allow pedestrians to cross the road?	Y
	3.	Do traffic operations (especially during peak periods) create a safety concern for pedestrians?	Y - Many peds during peak hour.
Signs and Pavement Markings	1.	Is paint on stop bars and crosswalks worn, or are signs worn, missing, or damaged?	N
	2.	Are crossing points for pedestrians properly signed and/or marked?	Y
Signals	1.	Are pedestrian signal heads provided and adequate?	N/A
	2.	Are traffic and pedestrian signals timed so that wait times and crossing times are reasonable?	N/A
	3.	Is there a problem because of an inconsistency in pedestrian actuation (or detection) types?	N/A
	4.	Are all pedestrian signals and push buttons functioning correctly and safely?	N/A
	5.	Are ADA accessible push buttons provided and properly located?	N/A

***For any Result with "N" or "Other", please add notes below:**

Compton Avenue & 46th Street

INTERSECTIONS

Topic		Question	Result (Y, N, Other or N/A)*
Presence, Design and Placement	1.	Do wide curb radii lengthen pedestrian crossing distances and encourage high-speed right turns?	N
	2.	Do channelized right turn lanes minimize conflicts with pedestrians?	N/A
	3.	Does a skewed intersection direct drivers' focus away from crossing pedestrians?	N/A
	4.	Are pedestrian crossings located in areas where sight distance may be a problem?	N
	5.	Do raised medians provide a safe waiting area (refuge) for pedestrians?	N/A
	6.	Are supervised crossings adequately staffed by qualified crossing guards?	N. no guard
	7.	Are marked crosswalks wide enough?	Y
	8.	Do at-grade railroad crossings accommodate pedestrians safely?	N/A
	9.	Are crosswalks sited along pedestrian desire lines?	Y
	10.	Are corners and curb ramps appropriately planned and designed at each approach to the crossing?	Y
Quality, Conditions, and Obstructions		*Use questions for Streets for potential issues on obstructions*	
	1.	Is the crossing pavement adequate and well maintained?	Y
	2.	Is the crossing pavement flush with the roadway surface?	Y
Continuity and Connectivity	1.	Does pedestrian network connectivity continue through crossings by means of adequate, waiting areas at corners, curb ramps and marked crosswalks?	Y
	2.	Are pedestrians clearly directed to crossing points and pedestrian access ways?	Y
Lighting	1.	Is the pedestrian crossing adequately lit?	Y
Visibility	1.	Can pedestrians see approaching vehicles at all legs of the intersection/crossing and vice versa?	Y
	2.	Is the distance from the stop (or yield) line to a crosswalk sufficient for drivers to see pedestrians?	Y
	3.	Do other conditions exist where stopped vehicles may obstruct visibility of pedestrians?	N
Access Management	1.	Are driveways placed close to crossings?	Y. church driveway
Traffic Characteristics	1.	Do turning vehicles pose a hazard to pedestrians?	N
	2.	Are there sufficient gaps in the traffic to allow pedestrians to cross the road?	Y
	3.	Do traffic operations (especially during peak periods) create a safety concern for pedestrians?	N
Signs and Pavement Markings	1.	Is paint on stop bars and crosswalks worn, or are signs worn, missing, or damaged?	N
	2.	Are crossing points for pedestrians properly signed and/or marked?	Y
Signals	1.	Are pedestrian signal heads provided and adequate?	OTHER-NOTE 1
	2.	Are traffic and pedestrian signals timed so that wait times and crossing times are reasonable?	N/A
	3.	Is there a problem because of an inconsistency in pedestrian actuation (or detection) types?	N/A
	4.	Are all pedestrian signals and push buttons functioning correctly and safely?	Y-NOTE 1
	5.	Are ADA accessible push buttons provided and properly located?	Y-NOTE 1

***For any Result with "N" or "Other", please add notes below:**

1. This intersection has pedestrian flashing ~~bea~~ beacon.

46th St / Ascot

INTERSECTIONS

Topic		Question	Result (Y, N, Other or N/A)*
Presence, Design and Placement	1.	Do wide curb radii lengthen pedestrian crossing distances and encourage high-speed right turns?	N
	2.	Do channelized right turn lanes minimize conflicts with pedestrians?	N/A
	3.	Does a skewed intersection direct drivers' focus away from crossing pedestrians?	N/A
	4.	Are pedestrian crossings located in areas where sight distance may be a problem?	N
	5.	Do raised medians provide a safe waiting area (refuge) for pedestrians?	N
	6.	Are supervised crossings adequately staffed by qualified crossing guards?	N. no guard
	7.	Are marked crosswalks wide enough?	Y
	8.	Do at-grade railroad crossings accommodate pedestrians safely?	N/A
	9.	Are crosswalks sited along pedestrian desire lines?	Y
	10.	Are corners and curb ramps appropriately planned and designed at each approach to the crossing?	Y
Quality, Conditions, and Obstructions		*Use questions for Streets for potential issues on obstructions*	
	1.	Is the crossing pavement adequate and well maintained?	Y
	2.	Is the crossing pavement flush with the roadway surface?	Y
Continuity and Connectivity	1.	Does pedestrian network connectivity continue through crossings by means of adequate, waiting areas at corners, curb ramps and marked crosswalks?	Y
	2.	Are pedestrians clearly directed to crossing points and pedestrian access ways?	Y
Lighting	1.	Is the pedestrian crossing adequately lit?	Y
Visibility	1.	Can pedestrians see approaching vehicles at all legs of the intersection/crossing and vice versa?	Y
	2.	Is the distance from the stop (or yield) line to a crosswalk sufficient for drivers to see pedestrians?	Y
	3.	Do other conditions exist where stopped vehicles may obstruct visibility of pedestrians?	N
Access Management	1.	Are driveways placed close to crossings?	N
Traffic Characteristics	1.	Do turning vehicles pose a hazard to pedestrians?	N
	2.	Are there sufficient gaps in the traffic to allow pedestrians to cross the road?	Y
	3.	Do traffic operations (especially during peak periods) create a safety concern for pedestrians?	N
Signs and Pavement Markings	1.	Is paint on stop bars and crosswalks worn, or are signs worn, missing, or damaged?	N
	2.	Are crossing points for pedestrians properly signed and/or marked?	Y
Signals	1.	Are pedestrian signal heads provided and adequate?	N/A
	2.	Are traffic and pedestrian signals timed so that wait times and crossing times are reasonable?	N/A
	3.	Is there a problem because of an inconsistency in pedestrian actuation (or detection) types?	N/A
	4.	Are all pedestrian signals and push buttons functioning correctly and safely?	N/A
	5.	Are ADA accessible push buttons provided and properly located?	N/A

***For any Result with "N" or "Other", please add notes below:**

~~Ascot / E Vernon Ave~~. Ascot Ave / E Vernon Ave.

INTERSECTIONS

Topic		Question	Result (Y, N, Other or N/A)*
Presence, Design and Placement	1.	Do wide curb radii lengthen pedestrian crossing distances and encourage high-speed right turns?	N
	2.	Do channelized right turn lanes minimize conflicts with pedestrians?	N
	3.	Does a skewed intersection direct drivers' focus away from crossing pedestrians?	N
	4.	Are pedestrian crossings located in areas where sight distance may be a problem?	N
	5.	Do raised medians provide a safe waiting area (refuge) for pedestrians?	N
	6.	Are supervised crossings adequately staffed by qualified crossing guards?	~~N~~. nonguarded Y
	7.	Are marked crosswalks wide enough?	Y
	8.	Do at-grade railroad crossings accommodate pedestrians safely?	N/A
	9.	Are crosswalks sited along pedestrian desire lines?	Y
	10.	Are corners and curb ramps appropriately planned and designed at each approach to the crossing?	Y
Quality, Conditions, and Obstructions	*Use questions for Streets for potential issues on obstructions*		
	1.	Is the crossing pavement adequate and well maintained?	Y
	2.	Is the crossing pavement flush with the roadway surface?	Y
Continuity and Connectivity	1.	Does pedestrian network connectivity continue through crossings by means of adequate, waiting areas at corners, curb ramps and marked crosswalks?	Y
	2.	Are pedestrians clearly directed to crossing points and pedestrian access ways?	Y
Lighting	1.	Is the pedestrian crossing adequately lit?	Y
Visibility	1.	Can pedestrians see approaching vehicles at all legs of the intersection/crossing and vice versa?	Y
	2.	Is the distance from the stop (or yield) line to a crosswalk sufficient for drivers to see pedestrians?	Y
	3.	Do other conditions exist where stopped vehicles may obstruct visibility of pedestrians?	N
Access Management	1.	Are driveways placed close to crossings?	N
Traffic Characteristics	1.	Do turning vehicles pose a hazard to pedestrians?	N
	2.	Are there sufficient gaps in the traffic to allow pedestrians to cross the road?	Y
	3.	Do traffic operations (especially during peak periods) create a safety concern for pedestrians?	N
Signs and Pavement Markings	1.	Is paint on stop bars and crosswalks worn, or are signs worn, missing, or damaged?	N
	2.	Are crossing points for pedestrians properly signed and/or marked?	Y
Signals	1.	Are pedestrian signal heads provided and adequate?	Y
	2.	Are traffic and pedestrian signals timed so that wait times and crossing times are reasonable?	Y
	3.	Is there a problem because of an inconsistency in pedestrian actuation (or detection) types?	N
	4.	Are all pedestrian signals and push buttons functioning correctly and safely?	Y
	5.	Are ADA accessible push buttons provided and properly located?	Y

***For any Result with "N" or "Other", please add notes below:**

Vernon Ave

STREETS

Topic		Question	Result (Y, N, Other or N/A)
Presence, Design and Placement	1.	Are sidewalks provided along the street?	Y
	2.	If no sidewalk is present, is there a walkable shoulder (e.g. wide enough to accommodate cyclists/pedestrians) on the road or other pathway/trail nearby?	N/A
	3.	Are shoulders/sidewalks provided on both sides?	Y
	4.	Is the sidewalk width adequate for pedestrian volumes?	Y
	5.	Is there adequate separation distance between vehicular traffic and pedestrians?	Y
	6.	Are sidewalk/street boundaries discernable to people with visual impairments?	Y
	7.	Are ramps provided as an alternative to stairs?	Y
Quality, Conditions, and Obstructions	1.	Will snow storage disrupt pedestrian access or visibility?	N/A
	2.	Is the path clear from both temporary and permanent obstructions?	Y
	3.	Is the walking surface too steep?	N
	4.	Is the walking surface adequate and well-maintained?	Y
Continuity and Connectivity	1.	Are sidewalks/walkable shoulders continuous and on both sides of the street?	Y
	2.	Are measures needed to direct pedestrians to safe crossing points and pedestrian access ways?	Y
Lighting	1.	Is the sidewalk adequately lit?	Y
	2.	Does the street lighting improve pedestrian visibility at night?	Y
Visibility	1.	Is the visibility of pedestrians walking along the sidewalk/shoulder adequate?	Y
Driveways	1.	Are the conditions at driveways intersecting sidewalks endangering pedestrians?	N
	2.	Does the number of driveways make the route undesirable for pedestrian travel?	N
Traffic Characteristics	1.	Are there any conflicts between bicycles and pedestrians on sidewalks?	N
Signs and Pavement Markings	1.	Are pedestrian travel zones clearly delineated from other modes of traffic through the use of striping, colored and/or textured pavement, signing, and other methods?	Y

***For any Result with "N" or "Other", please add notes below:**

Compton Ave

STREETS

Topic		Question	Result (Y, N, Other or N/A)
Presence, Design and Placement	1.	Are sidewalks provided along the street?	Y
	2.	If no sidewalk is present, is there a walkable shoulder (e.g. wide enough to accommodate cyclists/pedestrians) on the road or other pathway/trail nearby?	N/A
	3.	Are shoulders/sidewalks provided on both sides?	Y
	4.	Is the sidewalk width adequate for pedestrian volumes?	Y
	5.	Is there adequate separation distance between vehicular traffic and pedestrians?	Y
	6.	Are sidewalk/street boundaries discernable to people with visual impairments?	Y
	7.	Are ramps provided as an alternative to stairs?	Y
Quality, Conditions, and Obstructions	1.	Will snow storage disrupt pedestrian access or visibility?	N/A
	2.	Is the path clear from both temporary and permanent obstructions?	Y
	3.	Is the walking surface too steep?	☒ Other Note 1
	4.	Is the walking surface adequate and well-maintained?	Y
Continuity and Connectivity	1.	Are sidewalks/walkable shoulders continuous and on both sides of the street?	Y
	2.	Are measures needed to direct pedestrians to safe crossing points and pedestrian access ways?	N
Lighting	1.	Is the sidewalk adequately lit?	Y
	2.	Does the street lighting improve pedestrian visibility at night?	Y
Visibility	1.	Is the visibility of pedestrians walking along the sidewalk/shoulder adequate?	Y
Driveways	1.	Are the conditions at driveways intersecting sidewalks endangering pedestrians?	N
	2.	Does the number of driveways make the route undesirable for pedestrian travel?	N
Traffic Characteristics	1.	Are there any conflicts between bicycles and pedestrians on sidewalks?	N
Signs and Pavement Markings	1.	Are pedestrian travel zones clearly delineated from other modes of traffic through the use of striping, colored and/or textured pavement, signing, and other methods?	Y

***For any Result with "N" or "Other", please add notes below:**

Note

1. uneven surface, NOT ADA complaint. See pictures

45th Avenue (Coldesac)

STREETS

Topic		Question	Result (Y, N, Other or N/A)
Presence, Design and Placement	1.	Are sidewalks provided along the street?	Y
	2.	If no sidewalk is present, is there a walkable shoulder (e.g. wide enough to accommodate cyclists/pedestrians) on the road or other pathway/trail nearby?	N/A
	3.	Are shoulders/sidewalks provided on both sides?	Y
	4.	Is the sidewalk width adequate for pedestrian volumes?	Y
	5.	Is there adequate separation distance between vehicular traffic and pedestrians?	Y
	6.	Are sidewalk/street boundaries discernable to people with visual impairments?	Y
	7.	Are ramps provided as an alternative to stairs?	Y
Quality, Conditions, and Obstructions	1.	Will snow storage disrupt pedestrian access or visibility?	N/A
	2.	Is the path clear from both temporary and permanent obstructions?	Y
	3.	Is the walking surface too steep?	OTHER. NOTE 1
	4.	Is the walking surface adequate and well-maintained?	N
Continuity and Connectivity	1.	Are sidewalks/walkable shoulders continuous and on both sides of the street?	Y
	2.	Are measures needed to direct pedestrians to safe crossing points and pedestrian access ways?	N
Lighting	1.	Is the sidewalk adequately lit?	Y
	2.	Does the street lighting improve pedestrian visibility at night?	Y
Visibility	1.	Is the visibility of pedestrians walking along the sidewalk/shoulder adequate?	Y
Driveways	1.	Are the conditions at driveways intersecting sidewalks endangering pedestrians?	N
	2.	Does the number of driveways make the route undesirable for pedestrian travel?	N
Traffic Characteristics	1.	Are there any conflicts between bicycles and pedestrians on sidewalks?	N - Note 2
Signs and Pavement Markings	1.	Are pedestrian travel zones clearly delineated from other modes of traffic through the use of striping, colored and/or textured pavement, signing, and other methods?	Y

***For any Result with "N" or "Other", please add notes below:**

NOTES

1. Sidewalk is uneven. Not ADA compliant. See pictures.
2. Did not see any bicycle.

E 46th St

STREETS

Topic		Question	Result (Y, N, Other or N/A)
Presence, Design and Placement	1.	Are sidewalks provided along the street?	Y
	2.	If no sidewalk is present, is there a walkable shoulder (e.g. wide enough to accommodate cyclists/pedestrians) on the road or other pathway/trail nearby?	N/A
	3.	Are shoulders/sidewalks provided on both sides?	Y
	4.	Is the sidewalk width adequate for pedestrian volumes?	Y
	5.	Is there adequate separation distance between vehicular traffic and pedestrians?	Y
	6.	Are sidewalk/street boundaries discernable to people with visual impairments?	Y
	7.	Are ramps provided as an alternative to stairs?	Y
Quality, Conditions, and Obstructions	1.	Will snow storage disrupt pedestrian access or visibility?	N/A
	2.	Is the path clear from both temporary and permanent obstructions?	Y
	3.	Is the walking surface too steep?	N
	4.	Is the walking surface adequate and well-maintained?	Y
Continuity and Connectivity	1.	Are sidewalks/walkable shoulders continuous and on both sides of the street?	Y
	2.	Are measures needed to direct pedestrians to safe crossing points and pedestrian access ways?	N
Lighting	1.	Is the sidewalk adequately lit?	Y
	2.	Does the street lighting improve pedestrian visibility at night?	Y
Visibility	1.	Is the visibility of pedestrians walking along the sidewalk/shoulder adequate?	Y
Driveways	1.	Are the conditions at driveways intersecting sidewalks endangering pedestrians?	N
	2.	Does the number of driveways make the route undesirable for pedestrian travel?	N
Traffic Characteristics	1.	Are there any conflicts between bicycles and pedestrians on sidewalks?	N
Signs and Pavement Markings	1.	Are pedestrian travel zones clearly delineated from other modes of traffic through the use of striping, colored and/or textured pavement, signing, and other methods?	Y

***For any Result with "N" or "Other", please add notes below:**

Ascot Avenue

STREETS

Topic		Question	Result (Y, N, Other or N/A)
Presence, Design and Placement	1.	Are sidewalks provided along the street?	Y
	2.	If no sidewalk is present, is there a walkable shoulder (e.g. wide enough to accommodate cyclists/pedestrians) on the road or other pathway/trail nearby?	N/A
	3.	Are shoulders/sidewalks provided on both sides?	Y
	4.	Is the sidewalk width adequate for pedestrian volumes?	Y
	5.	Is there adequate separation distance between vehicular traffic and pedestrians?	Y
	6.	Are sidewalk/street boundaries discernable to people with visual impairments?	Y
	7.	Are ramps provided as an alternative to stairs?	Y
Quality, Conditions, and Obstructions	1.	Will snow storage disrupt pedestrian access or visibility?	N/A
	2.	Is the path clear from both temporary and permanent obstructions?	Y
	3.	Is the walking surface too steep?	N
	4.	Is the walking surface adequate and well-maintained?	Y
Continuity and Connectivity	1.	Are sidewalks/walkable shoulders continuous and on both sides of the street?	Y
	2.	Are measures needed to direct pedestrians to safe crossing points and pedestrian access ways?	N
Lighting	1.	Is the sidewalk adequately lit?	Y
	2.	Does the street lighting improve pedestrian visibility at night?	Y
Visibility	1.	Is the visibility of pedestrians walking along the sidewalk/shoulder adequate?	Y
Driveways	1.	Are the conditions at driveways intersecting sidewalks endangering pedestrians?	N
	2.	Does the number of driveways make the route undesirable for pedestrian travel?	N
Traffic Characteristics	1.	Are there any conflicts between bicycles and pedestrians on sidewalks?	N
Signs and Pavement Markings	1.	Are pedestrian travel zones clearly delineated from other modes of traffic through the use of striping, colored and/or textured pavement, signing, and other methods?	Y

***For any Result with "N" or "Other", please add notes below:**

Staff Underground Parking Near E Vernon Ave/ Compton Ave.

PARKING AREAS/ADJACENT DEVELOPMENTS

Topic		Question	Result (Y, N, Other or N/A)*
Presence, Design and Placement	1.	Do sidewalks/paths connect the street and adjacent land uses?	Y
	2.	Are the sidewalks/paths designed appropriately?	Y
	3.	Are buildings entrances located and designed to be obvious and easily accessible to pedestrians?	Y
Quality, Conditions, and Obstructions	*Use questions for Streets for potential issues on obstructions and protruding objects that apply to sidewalks and walkways at parking areas/adjacent developments*		
	Use questions for Streets for potential issues on surface conditions that apply to sidewalks and walkways at parking areas/adjacent developments		
	1.	Do parked vehicles obstruct pedestrian paths?	N
Continuity and Connectivity	1.	Are pedestrian facilities continuous? Do they provide adequate connections for pedestrian traffic?	Y
	2.	Are transitions of pedestrian facilities between developments/projects adequate?	Y
Lighting	*Use questions for Streets and Street Crossings for potential issues on lighting that apply to sidewalks and walkways at parking areas/adjacent developments*		
Visibility	1.	Are visibility and sight distance adequate?	Y
Access Management	1.	Are travel paths for pedestrians and other vehicle modes clearly delineated at access openings?	N
	2.	Do drivers look for and yield to pedestrian when turning into and out of driveways?	Y
Traffic Characteristics	1.	Does pedestrian or driver behavior increase the risk of a pedestrian collision?	N
	2.	Are buses, cars, bicycles, and pedestrians separated on the site and provided with their own designated areas for travel?	Y
Signs and Pavement Markings	1.	Are travel paths and crossing points for pedestrians properly signed and/or marked?	N

***For any Result with "N" or "Other", please add notes below:**

- No travel paths but not a safety concern because this is a small parking lot.

Parking near 46th and Compton Ave. (Staff parking only)

PARKING AREAS/ADJACENT DEVELOPMENTS

Topic		Question	Result (Y, N, Other or N/A)*
Presence, Design and Placement	1.	Do sidewalks/paths connect the street and adjacent land uses?	~~N~~ Y
	2.	Are the sidewalks/paths designed appropriately?	Y
	3.	Are buildings entrances located and designed to be obvious and easily accessible to pedestrians?	Y
Quality, Conditions, and Obstructions	*Use questions for Streets for potential issues on obstructions and protruding objects that apply to sidewalks and walkways at parking areas/adjacent developments*		
	Use questions for Streets for potential issues on surface conditions that apply to sidewalks and walkways at parking areas/adjacent developments		
	1.	Do parked vehicles obstruct pedestrian paths?	N
Continuity and Connectivity	1.	Are pedestrian facilities continuous? Do they provide adequate connections for pedestrian traffic?	Y
	2.	Are transitions of pedestrian facilities between developments/projects adequate?	Y
Lighting	*Use questions for Streets and Street Crossings for potential issues on lighting that apply to sidewalks and walkways at parking areas/adjacent developments*		
Visibility	1.	Are visibility and sight distance adequate?	Y
Access Management	1.	Are travel paths for pedestrians and other vehicle modes clearly delineated at access openings?	N
	2.	Do drivers look for and yield to pedestrian when turning into and out of driveways?	Y
Traffic Characteristics	1.	Does pedestrian or driver behavior increase the risk of a pedestrian collision?	N
	2.	Are buses, cars, bicycles, and pedestrians separated on the site and provided with their own designated areas for travel?	Y
Signs and Pavement Markings	1.	Are travel paths and crossing points for pedestrians properly signed and/or marked?	N

***For any Result with "N" or "Other", please add notes below:**

-No travel paths but not a safety concern because ~~this~~ this is a small parking lot.

Staff Parking near E Vernon Ave / Aviot Ave.

PARKING AREAS/ADJACENT DEVELOPMENTS

Topic		Question	Result (Y, N, Other or N/A)*
Presence, Design and Placement	1.	Do sidewalks/paths connect the street and adjacent land uses?	Y
	2.	Are the sidewalks/paths designed appropriately?	Y
	3.	Are buildings entrances located and designed to be obvious and easily accessible to pedestrians?	Y
Quality, Conditions, and Obstructions	*Use questions for Streets for potential issues on obstructions and protruding objects that apply to sidewalks and walkways at parking areas/adjacent developments*		
	Use questions for Streets for potential issues on surface conditions that apply to sidewalks and walkways at parking areas/adjacent developments		
	1.	Do parked vehicles obstruct pedestrian paths?	N
Continuity and Connectivity	1.	Are pedestrian facilities continuous? Do they provide adequate connections for pedestrian traffic?	Y
	2.	Are transitions of pedestrian facilities between developments/projects adequate?	Y
Lighting	*Use questions for Streets and Street Crossings for potential issues on lighting that apply to sidewalks and walkways at parking areas/adjacent developments*		
Visibility	1.	Are visibility and sight distance adequate?	Y
Access Management	1.	Are travel paths for pedestrians and other vehicle modes clearly delineated at access openings?	N
	2.	Do drivers look for and yield to pedestrian when turning into and out of driveways?	Y
Traffic Characteristics	1.	Does pedestrian or driver behavior increase the risk of a pedestrian collision?	N
	2.	Are buses, cars, bicycles, and pedestrians separated on the site and provided with their own designated areas for travel?	Y
Signs and Pavement Markings	1.	Are travel paths and crossing points for pedestrians properly signed and/or marked?	N

***For any Result with "N" or "Other", please add notes below:**

– No travel paths but not a safety concern because this is a small parking lot.

ON VERNON AVE NEAR COMPTON / VERNON

TRANSIT AREAS

Topic		Question	Result (Y, N, Other or N/A)*
Presence, Design and Placement	1.	Are bus stops sited properly?	Y
	2.	Are safe pedestrian crossings convenient for transit and school bus users?	Y
	3.	Is sight distance to bus stops adequate?	Y
	4.	Are shelters appropriately designed and placed for pedestrian safety and convenience?	N/A
Quality, Conditions, and Obstructions	1.	Is the seating area at a safe and comfortable distance from vehicle and bicycle lanes?	N/A
	2.	Do seats (or persons sitting on them) obstruct the sidewalk or reduce its usable width?	N/A
	3.	Is a sufficient landing area provided to accommodate waiting passengers, boarding/alighting passengers, and through/bypassing pedestrian traffic at peak times?	Y
	4.	Is the landing area paved and free of problems such as uneven surfaces, standing water, or steep slopes?	Y
	5.	Is the sidewalk free of temporary/permanent obstructions that constrict its width or block access to the bus stop?	Y
Continuity and Connectivity	1.	Is the nearest crossing opportunity free of potential hazards for pedestrians?	Y
	2.	Are transit stops part of a continuous network of pedestrian facilities?	Y
	3.	Are transit stops maintained during periods of inclement weather?	Y
Lighting	1.	Are access ways to transit facilities well-lit to accommodate early-morning, late-afternoon, and evening pedestrian traffic?	Y
Visibility	1.	Are open sight lines maintained between approaching buses and passenger waiting and loading areas?	Y
Traffic Characteristics	1.	Do pedestrians entering and leaving buses conflict with cars, bicycles, or other pedestrians?	~~Y~~ N
Signs and Pavement Markings	1.	Are appropriate signs and pavement markings provided for school bus and transit stops?	Y

***For any Result with "N" or "Other", please add notes below:**

Bus Stop on Compton Ave near Vernon Ave/Compton Ave.

TRANSIT AREAS

Topic		Question	Result (Y, N, Other or N/A)*
Presence, Design and Placement	1.	Are bus stops sited properly?	Y
	2.	Are safe pedestrian crossings convenient for transit and school bus users?	Y
	3.	Is sight distance to bus stops adequate?	Y
	4.	Are shelters appropriately designed and placed for pedestrian safety and convenience?	NA
Quality, Conditions, and Obstructions	1.	Is the seating area at a safe and comfortable distance from vehicle and bicycle lanes?	NA
	2.	Do seats (or persons sitting on them) obstruct the sidewalk or reduce its usable width?	N/A
	3.	Is a sufficient landing area provided to accommodate waiting passengers, boarding/alighting passengers, and through/bypassing pedestrian traffic at peak times?	Y
	4.	Is the landing area paved and free of problems such as uneven surfaces, standing water, or steep slopes?	Y
	5.	Is the sidewalk free of temporary/permanent obstructions that constrict its width or block access to the bus stop?	Y
Continuity and Connectivity	1.	Is the nearest crossing opportunity free of potential hazards for pedestrians?	Y
	2.	Are transit stops part of a continuous network of pedestrian facilities?	Y
	3.	Are transit stops maintained during periods of inclement weather?	Y
Lighting	1.	Are access ways to transit facilities well-lit to accommodate early-morning, late-afternoon, and evening pedestrian traffic?	Y
Visibility	1.	Are open sight lines maintained between approaching buses and passenger waiting and loading areas?	Y
Traffic Characteristics	1.	Do pedestrians entering and leaving buses conflict with cars, bicycles, or other pedestrians?	N
Signs and Pavement Markings	1.	Are appropriate signs and pavement markings provided for school bus and transit stops?	Y

***For any Result with "N" or "Other", please add notes below:**

Bus Stop on Vernon Ave near Vernon Ave / Ascot Ave.

TRANSIT AREAS

Topic		Question	Result (Y, N, Other or N/A)*
Presence, Design and Placement	1.	Are bus stops sited properly?	Y
	2.	Are safe pedestrian crossings convenient for transit and school bus users?	Y
	3.	Is sight distance to bus stops adequate?	Y
	4.	Are shelters appropriately designed and placed for pedestrian safety and convenience?	N/A
Quality, Conditions, and Obstructions	1.	Is the seating area at a safe and comfortable distance from vehicle and bicycle lanes?	N/A
	2.	Do seats (or persons sitting on them) obstruct the sidewalk or reduce its usable width?	N/A
	3.	Is a sufficient landing area provided to accommodate waiting passengers, boarding/alighting passengers, and through/bypassing pedestrian traffic at peak times?	Y
	4.	Is the landing area paved and free of problems such as uneven surfaces, standing water, or steep slopes?	Y
	5.	Is the sidewalk free of temporary/permanent obstructions that constrict its width or block access to the bus stop?	Y
Continuity and Connectivity	1.	Is the nearest crossing opportunity free of potential hazards for pedestrians?	Y
	2.	Are transit stops part of a continuous network of pedestrian facilities?	Y
	3.	Are transit stops maintained during periods of inclement weather?	Y
Lighting	1.	Are access ways to transit facilities well-lit to accommodate early-morning, late-afternoon, and evening pedestrian traffic?	Y
Visibility	1.	Are open sight lines maintained between approaching buses and passenger waiting and loading areas?	Y
Traffic Characteristics	1.	Do pedestrians entering and leaving buses conflict with cars, bicycles, or other pedestrians?	N
Signs and Pavement Markings	1.	Are appropriate signs and pavement markings provided for school bus and transit stops?	Y

***For any Result with "N" or "Other", please add notes below:**

APPENDIX C

Selected Photos

Vehicles sharing the loading zone on Ascot Avenue with school buses

Vehicles double parked along Ascot Avenue during loading creates congestion and delay for traffic along Ascot Avenue

Vehicles triple parking on the 45th Street Cul-de-sac, creating congestion

Signs along Compton Avenue have graffiti, making them difficult to read

Trees pushing up sidewalk along Compton Avenue may cause safety concerns for students

Trees pushing up sidewalk along the 45th Street cul-de-sac may cause safety concerns for students

APPENDIX D

Additional Information

24 Hours Traffic Volume

City of Los Angeles
Department of Transportation

Counter	HUGO/LAVEDI/
Date	07/29/10
Start Time	12 AM

Location	**46TH ST E/O COMPTON AV**	**Day of Week**	THURSDAY	**Prepared**	09/08/10
Direction	E/W STREET	**DOT District**	CENTRAL	**Counter Mode**	Classifier
Serial Number	RD97560 D	**Weather**	CLEAR		

	NORTHBOUND or WESTBOUND					SOUTHBOUND or EASTBOUND					
Time	1ST QTR	2ND QTR	3RD QTR	4TH QTR	HOUR TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	HOUR TOTAL	**TOTAL**
12 AM	0	0	0	0	0	3	0	0	0	3	3
1 AM	8	1	0	0	9	0	3	1	0	4	13
2 AM	0	0	1	0	1	0	1	0	0	1	2
3 AM	1	0	1	1	3	0	0	0	0	0	3
4 AM	1	0	2	3	6	0	0	0	0	0	6
5 AM	2	9	2	4	17	1	0	0	1	2	19
6 AM	6	10	8	9	33	2	2	6	5	15	48
7 AM	9	9	16	6	40	4	11	0	12	27	67
8 AM	6	5	6	8	25	9	0	5	0	14	39
9 AM	6	4	5	5	20	3	4	5	5	17	37
10 AM	5	5	2	3	15	5	2	1	3	11	26
11 AM	4	3	4	10	21	0	1	4	4	9	30
12 NN	2	4	6	6	18	5	6	11	6	28	46
1 PM	8	1	3	6	18	2	5	1	5	13	31
2 PM	2	8	5	4	19	3	13	7	3	26	45
3 PM	7	6	6	12	31	8	6	3	4	21	52
4 PM	4	7	15	8	34	8	5	1	6	20	54
5 PM	6	8	4	3	21	8	5	3	4	20	41
6 PM	13	10	4	10	37	7	3	12	1	23	60
7 PM	2	4	7	4	17	5	8	3	0	16	33
8 PM	3	5	10	2	20	7	0	2	4	13	33
9 PM	4	7	3	2	16	6	5	1	2	14	30
10 PM	4	5	4	3	16	0	2	1	4	7	23
11 PM	0	0	2	1	3	1	0	1	0	2	5

FIRST 12-HOURS PEAK QUARTER COUNT	**16**	7 AM	3RD	**12**	7 AM	4TH
LAST 12-HOURS PEAK QUARTER COUNT	**15**	4 PM	3RD	**13**	2 PM	2ND
24 HOUR VEHICLES TOTAL		440			306	**746**
TOTAL VEHICLES STANDARD DEVIATION (STD)	[+,-]	10.95		[+,-]	8.76	18.59

PEAK HOURS VOLUME

	NORTH or WEST BOUND		SOUTH or EAST BOUND		BOTH DIRECTIONS	
	PEAK HOUR	VEHICLE VOLUME	PEAK HOUR	VEHICLE VOLUME	PEAK HOUR	VEHICLE VOLUME
First 12H Peak	7 AM	40	7 AM	27	7 AM	**67**
Last 12H Peak	6 PM	37	12 NN	28	6 PM	**60**
First 12H Peak STD	[+,-]	12.21	[+,-]	8.10	[+,-]	19.78
Last 12H Peak STD	[+,-]	8.84	[+,-]	7.30	[+,-]	14.53

46TCOM100729

24 Hours Traffic Volume

City of Los Angeles
Department of Transportation

RAW DATA	46TASC0306E.rdf
COUNTER	ARMANDO
DATE	03/06/2008
START TIME	12:00 AM
DATE PREPARED	11-Mar-08
SENSOR LAYOUT	'11'
SENSOR SPACING	'0.0'

LOCATION	**46TH ST AT ASCOT AV**	DAY OF WEEK	THURSDAY		
INTERSECTION	E/W STREET	DOT DISTRICT	CENTRAL		
DESCRIPTION	46TASC	WEATHER	CLEAR		

	NORTH / WEST BOUND					*SOUTH / EAST BOUND*					
TIME	1ST QTR	2ND QTR	3RD QTR	4TH QTR	HOUR TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	HOUR TOTAL	TOTAL
12 AM	1	2	2	0	5	3	0	2	1	6	11
1 AM	0	0	1	1	2	0	4	0	0	4	6
2 AM	1	0	0	1	2	0	2	0	0	2	4
3 AM	1	0	1	1	3	4	1	2	1	8	11
4 AM	1	2	1	1	5	2	0	2	3	7	12
5 AM	3	3	1	2	9	4	7	4	6	21	30
6 AM	2	6	15	18	41	8	7	19	22	56	97
7 AM	31	35	47	66	179	37	31	29	23	120	299
8 AM	24	13	9	7	53	12	6	6	7	31	84
9 AM	4	12	4	9	29	12	9	6	10	37	66
10 AM	9	9	10	7	35	10	5	14	7	36	71
11 AM	5	9	8	12	34	4	16	7	12	39	73
12 NN	14	10	2	4	30	6	5	3	20	34	64
1 PM	8	7	7	14	36	14	14	6	5	39	75
2 PM	14	23	26	10	73	10	10	20	9	49	122
3 PM	13	17	6	11	47	11	14	14	16	55	102
4 PM	13	17	9	12	51	11	7	19	12	49	100
5 PM	17	13	10	6	46	12	14	26	21	73	119
6 PM	11	7	9	8	35	14	10	13	12	49	84
7 PM	8	16	15	4	43	20	14	21	7	62	105
8 PM	5	5	6	3	19	7	9	9	7	32	51
9 PM	6	2	4	8	20	2	2	6	2	12	32
10 PM	4	4	4	3	15	4	10	4	5	23	38
11 PM	4	1	1	0	6	4	2	2	2	10	16

FIRST 12-HOURS PEAK QUARTER COUNT	**66**	7 AM	4TH	**37**	7 AM	1ST
LAST 12-HOURS PEAK QUARTER COUNT	**26**	2 PM	3RD	**26**	5 PM	3RD
24 HOUR VEHICLES TOTAL		818			854	1672
TOTAL VEHICLES STANDARD DEVIATION (STD)	[+,-]	35.69		[+,-]	26.44	60.56

PEAK HOURS VOLUME

	NORTH / WEST BOUND			*SOUTH / EAST BOUND*			*BOTH DIRECTIONS*	
	PEAK HOUR		VOLUME VEHICLES	PEAK HOUR		VOLUME VEHICLES	PEAK HOUR	VOLUME VEHICLES
FIRST 12H PEAK	7 AM		**179**	7 AM		**120**	179	**299**
LAST 12H PEAK	2 PM		**73**	5 PM		**73**	73	**146**
FIRST 12H PEAK STD		[+,-]	**13.61**		[+,-]	**5.00**		**18.61**
LAST 12H PEAK STD		[+,-]	**6.50**		[+,-]	**5.58**		**12.08**

PROGRAM BY LADOT

Prepared by NDS/ATD

VOLUME

Vernon Ave E/O Compton Ave

Day: Thursday
Date: 11/12/2015

City: Los Angeles
Project #: CA15_5723_022

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	8,324	8,314	16,638

AM Period	NB	SB	EB		WB		TOTAL		PM Period	NB	SB	EB		WB		TOTAL	
00:00			16		24		40		12:00			99		123		222	
00:15			18		19		37		12:15			100		140		240	
00:30			15		31		46		12:30			98		125		223	
00:45			18	67	21	95	39	162	12:45			104	401	109	497	213	898
01:00			9		15		24		13:00			112		132		244	
01:15			19		20		39		13:15			104		108		212	
01:30			14		29		43		13:30			123		101		224	
01:45			11	53	22	86	33	139	13:45			108	447	127	468	235	915
02:00			17		21		38		14:00			113		124		237	
02:15			23		17		40		14:15			135		116		251	
02:30			13		19		32		14:30			156		133		289	
02:45			27	80	11	68	38	148	14:45			122	526	162	535	284	1061
03:00			17		14		31		15:00			115		140		255	
03:15			25		24		49		15:15			129		138		267	
03:30			40		11		51		15:30			138		143		281	
03:45			54	136	17	66	71	202	15:45			150	532	156	577	306	1109
04:00			31		23		54		16:00			118		144		262	
04:15			53		12		65		16:15			128		153		281	
04:30			86		19		105		16:30			132		150		282	
04:45			101	271	36	90	137	361	16:45			123	501	198	645	321	1146
05:00			82		42		124		17:00			124		182		306	
05:15			87		37		124		17:15			116		166		282	
05:30			129		49		178		17:30			129		155		284	
05:45			141	439	69	197	210	636	17:45			133	502	178	681	311	1183
06:00			102		76		178		18:00			132		184		316	
06:15			109		92		201		18:15			115		163		278	
06:30			148		88		236		18:30			125		129		254	
06:45			149	508	107	363	256	871	18:45			104	476	139	615	243	1091
07:00			146		145		291		19:00			99		129		228	
07:15			129		126		255		19:15			108		128		236	
07:30			164		163		327		19:30			81		81		162	
07:45			161	600	120	554	281	1154	19:45			87	375	60	398	147	773
08:00			125		136		261		20:00			82		66		148	
08:15			134		93		227		20:15			70		74		144	
08:30			121		128		249		20:30			47		62		109	
08:45			117	497	112	469	229	966	20:45			53	252	59	261	112	513
09:00			93		97		190		21:00			62		61		123	
09:15			97		78		175		21:15			44		58		102	
09:30			114		98		212		21:30			38		45		83	
09:45			100	404	87	360	187	764	21:45			52	196	48	212	100	408
10:00			121		110		231		22:00			46		40		86	
10:15			120		99		219		22:15			41		48		89	
10:30			96		83		179		22:30			33		44		77	
10:45			88	425	94	386	182	811	22:45			31	151	23	155	54	306
11:00			100		79		179		23:00			25		38		63	
11:15			90		114		204		23:15			22		41		63	
11:30			97		89		186		23:30			27		37		64	
11:45			103	390	107	389	210	779	23:45			21	95	31	147	52	242
TOTALS				3870		3123		6993	TOTALS				4454		5191		9645
SPLIT %				55.3%		44.7%		42.0%	SPLIT %				46.2%		53.8%		58.0%

DAILY TOTALS	NB	SB	EB	WB	Total
	0	0	8,324	8,314	16,638

AM Peak Hour			07:00	07:00	07:00	PM Peak Hour			15:15	16:45	16:45
AM Pk Volume			600	554	1154	PM Pk Volume			535	701	1193
Pk Hr Factor			0.915	0.850	0.882	Pk Hr Factor			0.892	0.885	0.929
7 - 9 Volume	0	0	1097	1023	2120	4 - 6 Volume	0	0	1003	1326	2329
7 - 9 Peak Hour			07:00	07:00	07:00	4 - 6 Peak Hour			16:15	16:45	16:45
7 - 9 Pk Volume	0	0	600	554	1154	4 - 6 Pk Volume	0	0	507	701	1193
Pk Hr Factor	0.000	0.000	0.915	0.850	0.882	Pk Hr Factor	0.000	0.000	0.960	0.885	0.929

City Of Los Angeles
Department Of Transportation

MANUAL TRAFFIC COUNT SUMMARY

STREET:

North/South COMPTON AV

East/West 46 TH ST

Day: FRIDAY Date: February 2, 2007 Weather: CLEAR

Hours: 7-10AM 3-6PM

School Day: YES District: CENTRAL I/S CODE 1708084450

	N/B	S/B	E/B	W/B
DUAL-WHEELED	77	54	7	0
BIKES	6	4	12	0
BUSES	75	44	0	0

	N/B	TIME	S/B	TIME	E/B	TIME	W/B	TIME
AM PK 15 MIN	192	7.15	90	7.45	12	7.15	11	7.45
PM PK 15 MIN	131	4.15	115	4.30	12	5.30	16	5.45
AM PK HOUR	681	7.00	303	7.00	40	7.00	36	7.00
PM PK HOUR	423	4.15	369	4.15	36	4.15	36	4.00

NORTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	24	650	7	681
8-9	11	457	4	472
9-10	3	327	7	337
3-4	15	329	13	357
4-5	27	381	9	417
5-6	15	366	8	389
TOTAL	95	2510	48	2653

SOUTHBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	10	261	32	303
8-9	4	211	11	226
9-10	1	136	13	150
3-4	4	200	7	211
4-5	3	326	14	343
5-6	8	333	15	356
TOTAL	30	1467	92	1589

TOTAL	XING S/L		XING N/L	
N-S	Ped	Sch	Ped	Sch
984	3	0	124	66
698	2	0	36	6
487	2	0	28	0
568	4	0	21	1
760	0	0	121	70
745	0	0	62	31
4242	11	0	392	174

EASTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	16	6	18	40
8-9	8	5	6	19
9-10	3	2	12	17
3-4	1	4	11	16
4-5	8	4	17	29
5-6	10	5	19	34
TOTAL	46	26	83	155

WESTBOUND Approach

Hours	Lt	Th	Rt	Total
7-8	8	1	27	36
8-9	3	1	9	13
9-10	4	1	8	13
3-4	5	0	11	16
4-5	13	2	21	36
5-6	13	2	20	35
TOTAL	46	7	96	149

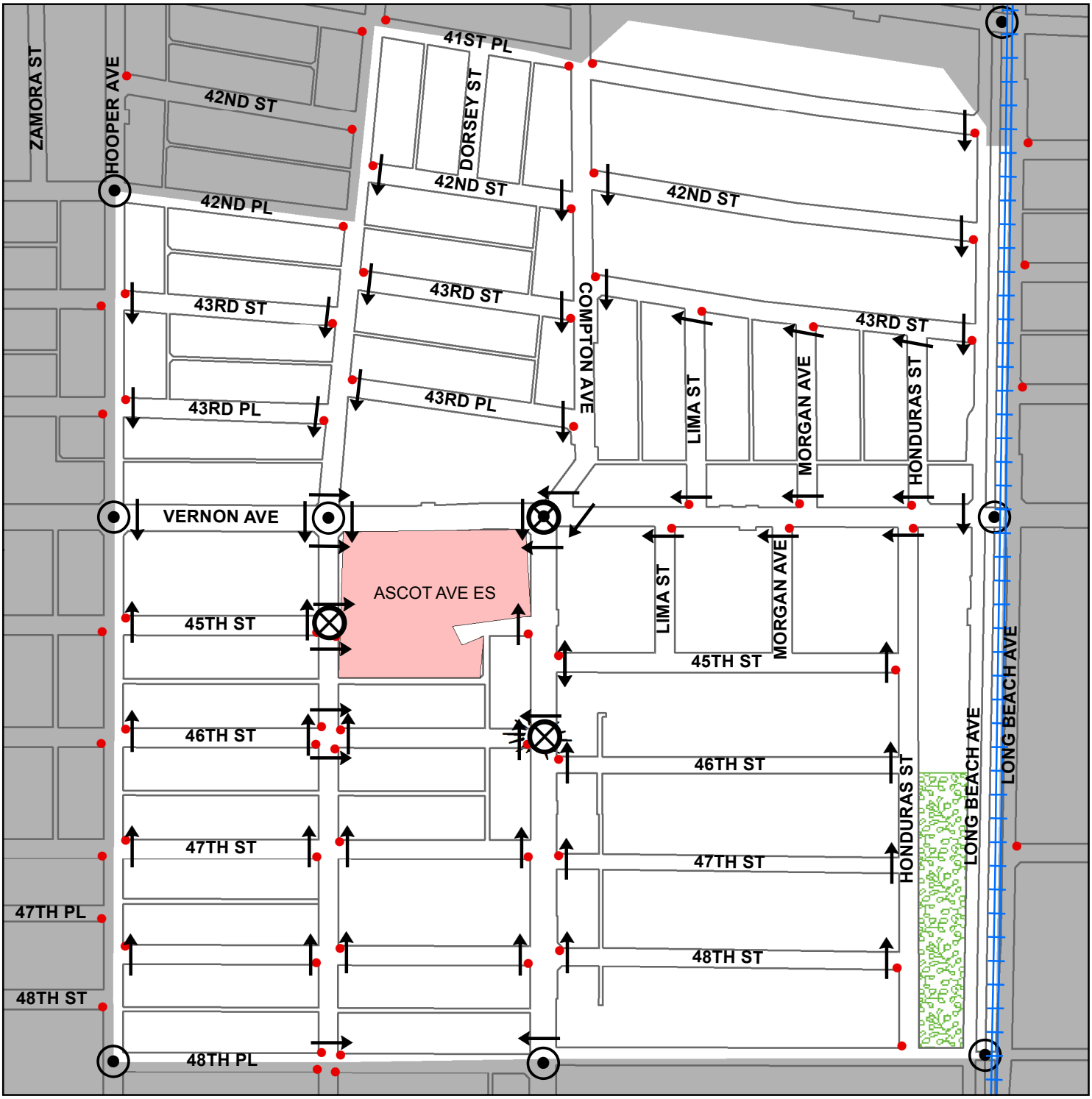
TOTAL	XING W/L		XING E/L	
E-W	Ped	Sch	Ped	Sch
76	26	17	51	44
32	18	0	18	2
30	26	0	7	0
32	20	2	23	6
65	34	44	54	39
69	38	10	27	21
304	162	73	180	112

(Rev Oct 06)

CITY OF LOS ANGELES - DEPARTMENT OF TRANSPORTATION

September 2016

PEDESTRIAN ROUTES FOR ASCOT AVENUE ELEMENTARY SCHOOL



Legend

- Recommended Crossing
- Stop Sign
- Traffic Signal
- Crossing Guard
- Flashing Warning Light
- Stairs or Walkway
- Pedestrian Bridge
- Pedestrian Tunnel
- Parks

N W E S

0 150 300
Feet

Parents:

This map shows the recommended crossings to be used from each block in your school attendance area. Following the arrows, select the best route from your home to the school and mark it with a colored pencil or crayon. This is the route your child should take. Instruct your child to use this route and to cross streets only at locations shown. You and your child should become familiar with the route by walking it together. Obey marked crosswalks, stop signs, traffic signals and other traffic controls. Crossing points have been located at these controls wherever possible, even though a longer walk may be necessary. Instruct your child to always look both ways before crossing the street. If no sidewalk exists, your child should walk facing traffic.

Estimados Padres:

Este mapa muestra los cruzados recomendados para los peatones de cada cuadra en la area de su escuela. Siguiendo las flechas en el mapa, selecione la ruta mas segura de su casa a la Escuela y marquelo con un lapis o tiza de color. Esta es la ruta que su hijo (a) debe de usar. Digale a su hijo (a) que use esta ruta y que cruce las calles solamente en los lugares indicados. Usted y su hijo (a) deberian de familiarizarce con esta ruta. Obedezcan los rotulos de peatones, de altos, semaforos y todos los señales de trafico. Puntos para cruzar estan localizados en areas controladas, aunque sea necesario de alargar el tiempo para cruzar. Instruye a su hijo (a) que siempre se fije de los dos lados antes de cruzar la calle. El estudiante debe de siempre caminar en la direccion opuesta del trafico si no existe una banqueta.

APPENDIX J

Traffic and Pedestrian Safety Technical Memorandum

MEMORANDUM

To:	Mr. Edward S. Paek LAUSD - Office of Environmental Health & Safety	Date:	March 15, 2019
From:	Clare M. Look-Jaeger, P.E. Chin S. Taing, PTP Linscott, Law & Greenspan, Engineers	LLG Ref:	1-19-4316-1
Subject:	**Pedestrian and Safety Study for Ascot Avenue Elementary School Comprehensive Modernization Project, City of Los Angeles**		

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This traffic and pedestrian safety assessment has been prepared by Linscott, Law & Greenspan, Engineers (LLG) to review the traffic and pedestrian circulation associated with the peak construction activities and operations related to the Comprehensive Modernization Project (the "proposed Project") at Ascot Avenue Elementary School (Ascot Avenue ES). The proposed Project is located at 1447 East 45th Street in the Southeast Los Angeles Community Plan Area of the City of Los Angeles, California. The Los Angeles Unified School District (LAUSD) has identified schools within the District in critical need of building replacement, renovations, and reconfiguration. The Project is part of the LAUSD's School Upgrade Program (SUP) that seeks to improve and modernize aging schools. This memorandum was prepared in accordance with the LAUSD Standard Conditions (SCs) of Approval for District Construction, Upgrade, and Improvement Projects[1] as it relates to pedestrian safety and transportation and circulation. This memorandum includes a summary of the following: 1) existing site conditions; 2) proposed Project description; 3) existing overall traffic volumes and general observed circulation patterns; 4) planned construction schedule and estimated peak construction traffic trip generation; 5) review of City of Los Angeles High Injury Network; and 6) recommendations for usage of the loading zones along Ascot Avenue and the 45th Street cul-de-sac area at Project completion. General measures were also recommended for the School as it relates to pick-up/drop-off loading zones and general School policies regarding notification of overall pick-up and drop-off procedures following completion of the proposed Project.

Existing Site Conditions

The existing Ascot Avenue ES campus is developed on a 5.3-acre parcel located at 1447 East 45th Street in the Southeast Los Angeles Community Plan Area of the City of Los Angeles, California. The School site is generally bounded by Vernon Avenue to the north, an existing alley and 45th Street to the south, Compton Avenue to the east, and Ascot Avenue to the west. The Project site location is shown in ***Figure 1***.

[1] Los Angeles Unified School District Standard Conditions of Approval for District Construction, Upgrade, and Improvement Projects, updated 2018.

The existing Ascot Avenue ES is operated by the Los Angeles Unified School District (LAUSD) and contains ten permanent buildings and 12 portable buildings to serve approximately 916 students[2] in grades transitional kindergarten (TK) through fifth grade. The current bell schedule for the School is 7:45 AM to 2:14 PM. The existing site conditions of the study area, including signage and parking restrictions in the area are illustrated in ***Figure 2***. As shown in *Figure 2*, the main pick-up/drop-off loading zones are located at the west end and east side of the Ascot Avenue ES campus: 1) along the east side of Ascot Avenue north of 45th Street for approximately 130 feet and; 2) along the north side and cul-de-sac area for 45th Street west of Compton Avenue. These zones are designated for drop-off/pick-up loading activities before and after school (i.e., between 6:30 AM and 9:00 AM and 1:30 PM and 4:00 PM) during school days only (Mondays through Fridays). Time-restricted (i.e., two-hour) parking is permitted between 9:00 AM and 1:30 PM. The School also operates three school buses for the Special Education students with bus loading/unloading activities occurring along the campus frontage on the west side of Compton Avenue.

Vehicular access to the on-site parking areas is provided via three driveways on Vernon Avenue (for access to the on-site surface parking lots) and two driveways at the cul-de-sac of 45th Street. All of the on-site parking spaces are currently utilized by only the staff/administration for the School.

Project Description

The Ascot Avenue ES Comprehensive Modernization Project is intended to revitalize the existing campus to provide 21st century learning environments to support specialized programs that distinguish Ascot Avenue ES as a school offering unique learning opportunities. The Project provides for the replacement of permanent and portable buildings along with hardscape, landscape and parking areas. The Project consists of the removal of 18 existing buildings (approximately 59,836 square feet) and structures on the Ascot Avenue ES campus; replacement with construction of 63,773 square feet of new buildings; modernization of four existing buildings including repairs and repainting; providing a designated Americans with Disabilities Act (ADA) route from the four existing buildings to the public right-of-way and new buildings, playground areas, and parking areas; completion of site upgrades including sewer, water, and electrical utility, landscape, hardscape, and exterior paint; and completion of improvements as required by the ADA, under LAUSD's SUP. No

[2] Student enrollment figure obtained from the 2017-2018 Single Plan for Student Achievement (SPSA) from the *Site Circulation Report for LAUSD School Modernization Project – Ascot Avenue Elementary School*, prepared by LIN Consulting, Inc., October 26, 2018.

changes to the student enrollment capacity are contemplated with the completion of the proposed Project.

Based on the site organization diagram shown in ***Figure 3***, the proposed Project would not change the existing use of the site, increase the capacity of the School, or alter the sidewalk surrounding the Project site. The proposed Project is limited to replacing portions of the perimeter fence around the existing elementary school and modernizing the campus itself, including repaving ground surfaces to facilitate ADA access, repainting the existing buildings to remain, and demolishing and replacing other buildings on campus. Development zones for new buildings are grouped into the following program uses for the campus:

- Administration/Classroom/Library Zone
- Classroom Zone
- Administration/Multi-purpose/Food Service/Maintenance & Operations

As part of the site enhancements of the proposed Project, the main entrance to the Ascot Avenue ES campus would be reoriented from the 45th Street cul-de-sac to Ascot Avenue. Although the proposed Project would not remove drop off access or parking access from the 45th Street cul-de-sac, it is expected that the relocation of the Administration building to the west end of the campus along Ascot Avenue would relocate the majority of the loading activities towards Ascot Avenue. Any late arrivals or access to campus during school hours would require controlled entry and access via Ascot Avenue with check-in required at the new Administration Office. The proposed Project would concentrate surface parking for teachers in the existing northeastern corner of the campus (parking below Building 14) along with a new surface parking lot along the southern edge of the campus adjacent to an alley with a new solid wall.

Existing Traffic Volumes

Manual counts of vehicular turning movements were conducted at five intersections in the vicinity of the Ascot Avenue ES campus during the weekday morning (AM) and afternoon (PM) school peak periods to determine the peak hour traffic volumes. The traffic counts were conducted by an independent traffic count subconsultant (City Traffic Counters) from 7:00 AM to 9:00 AM to determine the weekday school AM peak hour, and from 1:30 PM to 3:30 PM to determine the weekday school PM peak hour. In conjunction with the manual turning movement vehicle counts, a count of bicycle and pedestrian volumes were also collected during the peak periods. It is noted that all of the traffic counts were conducted on Wednesday, November 28,

2018 during a typical regular mid-week school day. The subject count locations are summarized as follows and also illustrated in *Figure 1*:

- Ascot Avenue/Vernon Avenue
- Ascot Avenue/45th Street
- Compton Avenue/Vernon Avenue
- Compton Avenue/45th Street
- Compton Avenue/46th Street

The weekday AM and PM peak hour manual counts of vehicle turning movements at the subject intersections are shown in ***Figure 4***. Summary data worksheets of the manual traffic counts at the subject intersections, as well as the pedestrian and bicycle counts, are contained in ***Attachment A***.

As mentioned previously, a count of the pedestrian volumes was also conducted during the morning and afternoon school peak periods in conjunction with the vehicle counts. The weekday AM and PM peak hour manual counts of pedestrian crossings at the subject intersections are depicted in ***Figure 5***.

General Observed Inbound and Outbound Circulation Patterns

Field observations were conducted at the Ascot Avenue ES loading areas (i.e., on Ascot Avenue and the 45th Street cul-de-sac) during the morning drop-off peak period (i.e., between 7:15 AM and 8:15 AM) and afternoon pick-up peak period (i.e., between 2:00 PM and 3:00 PM) during a typical mid-week school day (Wednesday, November 14, 2018). During the morning drop-off period, the majority of guardians conducted student drop-off procedures by entering the site via the 45th Street cul-de-sac as well as Ascot Avenue. Both of these loading zones are currently posted with signage indicating "Passenger Loading Only" between 6:30 AM and 9:00 AM, and 1:30 PM and 4:00 PM during school days. Time-restricted parking (i.e., two hour parking) is permitted between 9:00 AM and 1:30 PM during school days. Some guardians utilized the loading zone while others were observed to conduct drop-off operations outside of the loading zones.

For the 45th Street cul-de-sac, vehicles were observed to double park and triple park within the cul-de-sac turnaround area while conducting student unloading activities. It was observed that vehicles were also parked within the red curb area at the end of the cul-de-sac while other vehicles were permanently parked along the loading zone on 45th Street during the loading period. One traffic monitor who was a School staff member was observed to be stationed in the middle of the cul-de-sac on 45th Street as

vehicles conducted u-turn maneuvers at the end of the cul-de-sac around the staff member after conducting unloading activities in order to continue eastbound on 45th Street to access Compton Avenue.

Vehicles were also observed to double park on Ascot Avenue to conduct unloading activities. It was observed that two to three vehicles were permanently parked within the loading zone on Ascot Avenue. Smaller school buses not related to Ascot Avenue ES were observed to utilize the loading area on Ascot Avenue. Vehicles were observed to approach the campus from both northbound and southbound Ascot Avenue as well as eastbound on 45th Street.

No safety valets were stationed near the School's gated pedestrian access on Ascot Avenue to assist in the processing of vehicles within and approaching the Ascot Avenue loading zone. Some guardians were observed to cross Ascot Avenue without utilizing the crosswalk at the Ascot Avenue/45th Street intersection. ***Figure 5*** illustrates all pedestrian crossing volumes by location (i.e., including both students and guardian crossings) during the morning and afternoon peak hour. As shown in *Figure 5*, the majority of the pedestrian crossings occurred at existing crosswalks at the south and east legs of the Ascot Avenue/Vernon Avenue intersection, all legs of the Compton Avenue/Vernon Avenue intersection, and across the west leg of the Compton Avenue/45th Street intersection.

The vehicle circulation pattern for the afternoon pick-up period is generally similar to the morning drop-off period. As is typical for schools, the processing time for students to be located and ready for arriving parents/guardians generally took longer than the morning drop-off activities. It was observed that the street vending carts occupied the sidewalk areas adjacent to the School loading zone on Ascot Avenue as well as along 45th Street from Compton Avenue to the cul-de-sac area. Nominal usage of the existing alley was observed for circulation around the campus during the morning drop-off and afternoon pick-up time periods. ***Figure 6*** depicts the existing overall inbound and outbound circulation routes for both loading areas (i.e., along the 45th Street cul-de-sac or along Ascot Avenue).

Construction Schedule

Based on coordination with and preliminary information provided, it has been determined that the duration of the Project construction activities is expected to total 42 months, beginning in the second quarter of year 2021. In order to maintain active school operation during the construction phase, less than 50 percent of the campus would be disturbed at any one time. Thus, while the phasing of the work has not yet been determined, this analysis assumes that there will be two general overall phases (i.e., approximately 21 months in duration). The actual duration of construction

would likely be longer; however, by assuming the shortest expected construction duration this study is taking a more conservative approach due to the higher intensity of the construction activities.

The general construction activities and duration for each sub-phase are as follows:

- Demolition/Interim Housing/Modernization (3 months)
- Site Preparation/Modernization (3 months)
- Building Construction/Modernization (12 months)
- Asphalt Paving and Off-Site Street Work (3 months)

Based on information provided, an average of 50 workers would be on-site when students are present and a maximum of 150 workers would be on-site during peak periods (i.e., during summer break). No summer school sessions are currently held or planned to be held during the summer months. It is anticipated that construction worker parking would generally be accommodated on-site in the staging area during all phases of construction. Construction workers would not be permitted to park on local streets and would therefore not affect the current usage of street parking.

To the extent feasible, construction-related activities would be scheduled to occur during daylight hours. Construction-related traffic and deliveries would be scheduled to avoid student pick-up/drop-off hours, and during noise sensitive times as coordinated with the School administration. The City's Noise Ordinance currently limits construction hours on Mondays through Fridays to no earlier than 7:00 AM and no later than 9:00 PM. On Saturdays, construction hours are limited to no earlier than 8:00 AM and no later than 6:00 PM. No construction is permitted on Sundays.

It has been determined that the most intensive period of overall construction activity and construction truck traffic generation is expected to occur during the Site Preparation/Modernization sub-phase for an approximate three-month period. Other phases of construction are expected to be less intensive in terms of overall construction truck traffic generation. The most intensive period in terms of the other miscellaneous delivery trucks would occur during the Building Construction/Modernization sub-phase for an approximate 12-month period. While it is recognized that these two sub-phases are not expected to overlap (i.e., Site Preparation/Modernization and Building Construction/Modernization), they were assumed to be concurrent in order to provide a conservative analysis and to provide greater flexibility as the actual phasing of the work has not yet been determined.

Peak Construction Traffic Trip Generation

Traffic generation is expressed in vehicle trip ends, defined as one-way vehicular movements, either entering or exiting the generating land use. Trip generation equations and/or rates provided in the ITE *Trip Generation Manual* publication[3] were not utilized to forecast traffic generation for the construction activities, as the ITE document does not contain trip rates for specifically this type of expected construction-related hauling operation. Therefore, the construction trip generation forecast was derived based on the development of construction worker and truck forecasts given the expected hauling/delivery capacities as well as the application of passenger car equivalency (PCE) factors, as described more fully below.

Haul Trucks

In developing the forecast of peak truck trip generation, several factors were taken into consideration:

- Hours of Hauling Operation
- Capacity of Haul Trucks
- Application of PCE Factors

It is anticipated that construction vehicles related to the export activities will have a capacity of approximately 14 cubic yards per truck. It has also been assumed for analysis purposes that all hauling activities would be limited to no earlier than 9:00 AM and end no later than 5:00 PM. As noted above, in order to account for the effect that trucks have on overall intersection operations, PCE factors were incorporated into the analysis of potential construction-related traffic impacts. Based on a review of the size of haul trucks expected to be utilized, a PCE factor of 2.5 was incorporated into the traffic analysis (i.e., it is assumed that a single 14 cubic yard haul truck has the same overall effect on traffic operations as 2.5 passenger cars). This assumption is conservative and accounts for the heavy vehicle type and slower speeds when fully loaded. The traffic generation forecast assuming the use of 14-cubic yard capacity haul trucks is summarized in ***Table 1***.

The most intensive period of overall construction activity and construction truck traffic generation is expected to occur during the Site Preparation/Modernization phase for an approximate three-month period. During the peak, up to 70 trucks per day (i.e., 35 inbound trucks and 35 outbound trucks) are anticipated. Assuming a total of eight hours of hauling activities each day, it is estimated that approximately four truck loads (i.e., resulting in four inbound trucks and four outbound trucks)

[3] *Trip Generation Manual*, Institute of Transportation Engineers, 10th Edition, 2017.

would occur per hour. When accounting for the application of a passenger car equivalency (PCE) factor of 2.5 to account for the heavier weight and larger size haul trucks, a total of 10 inbound truck PCE trips and 10 outbound truck PCE trips could potentially occur during the weekday AM and PM peak hours.

Equipment and Delivery Trucks

In addition to construction haul trucks, additional trips may be generated by miscellaneous trucks traveling to and from the Project site. These trucks may consist of trucks delivering equipment and/or construction materials to the Project site. In addition, smaller pick-up trucks or four-wheel drive vehicles used by construction supervisors and/or City inspectors are expected to be generated to and from the site. During the peak phase for deliveries (i.e., Building Construction/Modernization), up to 12 delivery trucks are anticipated for this phase. It is estimated that if these deliveries all occur on a single day of that phase, up to 24 trucks per day (i.e., 12 inbound trucks and 12 outbound trucks) would be generated to and from the site. To conservatively estimate the equivalent number of passenger vehicles associated with the trucks, a PCE factor of 2.0 was utilized based on standard traffic engineering practice. Therefore, assuming 24 daily trucks per day, it is estimated that the trucks would generate approximately 48 daily PCE vehicle trips (i.e., 24 inbound PCE trips and 24 outbound PCE trips). It is also estimated that approximately eight (8) PCE vehicle trips (4 inbound PCE trips and 4 outbound PCE trips) could occur during each of the weekday AM and PM peak hours.

Construction Workers/Employees

The most intensive period in terms of the number of construction workers would occur during the summer months with up to a maximum of 150 workers during the peak periods. Based on confirmation from School representatives, summer school classes are not held at this campus and would not overlap with the 150 workers which are anticipated to be on-site during the summer months. During the overlap with concurrent School operations, it is anticipated that an average of 50 workers would be on-site. For purposes of this review, the number of construction workers were reviewed during the concurrent operation of the School when students are present on-site. Construction workers are expected to arrive at the Project site before 7:00 AM. Since the construction work day would commence by 7:00 AM, these trips would occur outside of the weekday commute AM peak hour, but could occur during the weekday PM peak hour. Assuming the typical work day ends at 3:30 PM, fifty percent (50%) of the workers are assumed to leave the site between 3:30 PM and 4:00 PM, twenty-five percent (25%) between 4:00 PM and 4:30 PM, and the remaining twenty-five percent (25%) after 4:30 PM (including supervisors). Thus, while these construction worker trips would generally occur outside of the commute PM peak

hour of adjacent street traffic, fifty-percent (50%) of the work force (i.e., 25 workers) has been assumed to overlap with the weekday commute PM peak hour (i.e., between 5:00 PM and 6:00 PM) in order to provide a conservative forecast of construction worker traffic generation. The construction worker arrival and departure times are expected to occur outside of the peak hour of student pick-up/drop-off operations as well (i.e., before 7:00 AM and after 3:30 PM).

It is anticipated that construction workers would primarily remain on-site throughout the day. The number of construction worker vehicles is estimated using an average vehicle ridership (AVR) factor of 1.135 persons per vehicle (as provided in the South Coast Air Quality Management District in its CEQA Air Quality Handbook). Therefore, it is estimated that approximately 88 vehicle trips (44 inbound trips and 44 outbound trips) on a daily basis would be generated to/from the site by the construction workers during the peak period when a total of 50 construction workers are expected to be on-site. With 50% of the workers conservatively assumed to overlap with the weekday PM peak hour, this would result in 22 outbound construction worker vehicle trips.

Total Construction Traffic Generation

Taken together as summarized in *Table 1*, the construction haul trucks, miscellaneous delivery vehicles, and construction worker vehicles are forecast to generate up to 28 weekday AM peak hour PCE vehicle trips (i.e., 14 inbound PCE trips and 14 outbound PCE trips). During the PM peak hour, the construction traffic generation is expected to total 50 PCE vehicle trips (i.e., 14 inbound PCE trips and 36 outbound PCE trips). Over a 24-hour period, the construction traffic generation is forecast to generate an increase of 312 daily PCE trip ends during a typical weekday (156 inbound PCE trips and 156 outbound PCE trips).

For comparison purposes, traffic generation for the existing Ascot Avenue ES campus was estimated based on the trip generation rates published in the ITE *Trip Generation Manual* for Land Use Code 520 (Elementary School) and applied to the number of students. When compared to the traffic generated by the operations of the School (i.e., 614 AM peak hour vehicle trips, 156 PM peak hour vehicle trips, and 1,731 daily vehicle trips), the short-term construction traffic anticipated during the peak construction activities are anticipated to be significantly less than the daily operations of the Ascot Avenue ES.

Congestion Management Program Traffic Impact Assessment

The Congestion Management Program (CMP) is a state-mandated program that was enacted by the California State Legislature with the passage of Proposition 111 in 1990. The program is intended to address the impact of local growth on the regional transportation system. In accordance with procedures outlined in the *2010 Congestion Management Program*, the CMP Traffic Impact Assessment (TIA) guidelines require that intersection monitoring locations must be examined if the proposed project will add 50 or more trips during either the weekday AM or PM peak hours. Additionally, the CMP TIA guidelines require that freeway monitoring locations must be examined if the proposed project will add 150 or more trips (in either direction) during either the weekday AM or PM peak hours. The construction or operation of the proposed Project will not add 50 or more trips during either the weekday AM or PM peak hours (i.e., of adjacent street traffic) at CMP monitoring intersections or 150 or more trips to CMP freeway monitoring locations, as stated in the CMP manual as the threshold criteria for a traffic impact assessment. Therefore, no further review of potential impacts to intersection or freeway monitoring locations that are part of the CMP highway system is required.

Emergency Access During Construction Activities

The potential traffic impacts during Project construction have been analyzed as summarized above. Having stated this, emergency vehicle access throughout the study area must be maintained during the construction activities. It is important to note that as required by the State of California Vehicle Code (i.e., specifically Section 21806, Authorized Emergency Vehicles), "upon the immediate approach of an authorized emergency vehicle which is sounding a siren and which has at least one lighted lamp exhibiting red light that is visible, under normal atmospheric conditions, from a distance of 1,000 feet in front of a vehicle, the surrounding traffic shall, except as otherwise directed by a traffic officer, do the following:

(a) (1) Except as required under paragraph (2), the driver of every other vehicle shall yield the right-of-way and shall immediately drive to the right-hand edge or curb of the highway, clear of any intersection, and thereupon shall stop and remain stopped until the authorized emergency vehicle has passed.

(2) A person driving a vehicle in an exclusive or preferential use lane shall exit that lane immediately upon determining that the exit can be accomplished with reasonable safety.

(b) The operator of every street car shall immediately stop the street car, clear of any intersection, and remain stopped until the authorized emergency vehicle has passed.

(c) All pedestrians upon the highway shall proceed to the nearest curb or place of safety and remain there until the authorized emergency vehicle has passed."[4]

During the construction of the proposed Project, it is expected that emergency vehicles will continue to utilize the surrounding street system even though some travel lanes along certain portions of some roadways may be temporarily used for construction staging and/or material delivery. If required, drivers of emergency vehicles are also trained to utilize center turn lanes, or travel in opposing through lanes to pass through crowded intersections or streets. Thus, the respect entitled to emergency vehicles and driver training allow emergency vehicles to negotiate typical street conditions in urban areas including areas near any temporary travel lane closure(s).

Construction Management and Haul Route Approval

Approvals required by the City of Los Angeles and the State of California Department of Transportation (Caltrans) for implementation of the proposed Project include a Truck Haul Route program approved by the City and an encroachment permit obtained by Caltrans. With regard to other construction traffic-related issues, construction equipment would be stored within the perimeter fence of the site.

As a general contractor has not yet been selected, the exact extent of the construction work site boundary cannot be determined at this time. Pursuant to Standard Condition Measure SC-T-4, the construction contractor will be required to submit a Construction Worksite Traffic Control Plan to OEHS for review prior to the start of construction activities. Given the number of pedestrians (i.e., guardians and children) walking to/from the campus, it is recommended that certain lanes/sidewalks along Ascot Avenue and Compton Avenue remain open during construction. Should the closure of any lanes/sidewalks be determined to be necessary, appropriate pedestrian detours will be required to be established along with the appropriate advance warning signage directing pedestrians to other available sidewalks and crosswalks/crossings. Should any such pedestrian detours or temporary travel lane closures be proposed, traffic control/management plans will be prepared for the required review and approval by the City of Los Angeles Department of Transportation. In addition, a

[4] Source: State of California Department of Motor Vehicles website; https://www.dmv.ca.gov/portal/dmv; Amended Sec. 68, Ch. 1154, Stats 1996 Effective September 30, 1996.

Construction Staging and Traffic Management Plan (CSTMP) will also be required for review and approval by the City outlining all of the above details.

With the required haul route approval and other construction management practices, construction activity impacts would be less than significant. Potential construction traffic impacts can be further reduced with the implementation of the following design features as part of the CSTMP:

- Maintain existing access for school campus and on-site parking facilities;
- Limit any potential roadway lane closures to off-peak travel periods;
- Schedule receipt of construction materials to non-peak travel periods, to the extent possible;
- Coordinate deliveries to reduce the potential of trucks waiting to unload for protracted periods of times; and
- Prohibit parking by construction workers on adjacent residential streets and direct all construction workers to designated on-site parking areas.

City of Los Angeles High Injury Network Review

Vision Zero is a policy which prioritizes the safety of pedestrians and bicyclists on public streets, with the understanding that roads which are safe for vulnerable users will be safer for all users, in an effort to eliminate traffic fatalities. Key elements of the policy, such as reducing traffic speeds, are founded on the principles of engineering, education, enforcement, evaluation, and equity. Originating in Sweden, the policy has been adopted in numerous other North American cities, including California cities such as San Francisco and San Diego.

Mayor Eric Garcetti issued Executive Directive No. 10 in August 2015, formally launching the Vision Zero initiative in Los Angeles. Vision Zero is also a stated safety objective in the Mobility Plan 2035, which sets the goal of zero traffic deaths by 2035. Jointly directed by the Department of Transportation and the Police Department, Vision Zero takes a multi-disciplinary approach to identifying safety risk factors and implementing solutions on a citywide scale. Using a methodology originally developed by the San Francisco Public Health Department, the Vision Zero Task Force has identified streets where investments in safety will have the most impact in reducing severe injuries and traffic fatalities in the City[5]. These roads are collectively known as the High Injury Network (HIN). The HIN will be reviewed for potential engineering re-design as well as educational and enforcement campaigns.

[5] Vision Zero Los Angeles 2015-2025, August 2015.

The proposed Project is located at 1447 East 45th Street in the Southeast Los Angeles Community Plan Area. The roadways adjacent to and in the vicinity of the Ascot Avenue ES campus that have been identified on the City's HIN are noted below:

- Compton Avenue between Vernon Avenue and Slauson Avenue, and
- Hooper Avenue between Vernon Avenue and 47th Street.

If a proposed project results in significant traffic impacts at intersections located along a designated HIN, LADOT's Vision Zero group will review those specific locations and immediate vicinity for potential safety enhancements that are consistent with the City's Vision Zero initiative.

Conclusions and Recommendations

The following recommendations are based on LLG's review of the current pick-up/drop-off activities associated with usage of the pick-up/drop-off loading zones on Ascot Avenue as well as the 45th Street cul-de-sac as it relates specifically to overall circulation patterns:

i. With the prevalence of cart vendors along the streets in the surrounding area, it is recommended that coordination occur between the City of Los Angeles Department of Transportation, Department of Public Works - Bureau of Street Services (BSS), LAUSD representatives, and/or the Police Department so as to better control the use of sidewalks (i.e., that the area be reserved to the extent possible for student drop-off and pick-up operations given the existing posted school loading zones). Under existing conditions, when the field visit was conducted in November 2018, multiple street vendors were observed to queue within the sidewalk area, thus impacting the ability of students to circulate safely to/from the gate entrances and sidewalks to/from curbside vehicles before, during, and after school dismissal time periods.

   Since then, the BSS in support of the City's sidewalk vending ordinance for Council File No. 13-1493-S5, has prepared rules and regulations pertaining to sidewalk vending activities (effective date January 1, 2019). Amongst these regulations, the placement of vending carts/kiosks shall not unreasonably interfere or impede the flow of pedestrian or vehicular traffic and no vending cart or kiosk shall be placed in that the clear space for a pedestrian upon the sidewalk is reduced to a width of less than five feet. Vending locations are also prohibited within 500 feet of specific uses including "[s]chools or any postsecondary educational facility attended by secondary pupils or private kindergarten, elementary, or secondary school facilities".

ii. In accordance with Standard Condition Measures SC-PED-2 and SC-PED-4, it is recommended that the Ascot Avenue ES institute the Safety Valet Program of parent volunteers or assign individuals to help in the loading and unloading of students to/from personal vehicles at the future planned main loading zone along Ascot Avenue as well as the future planned secondary loading area off of the 45th Street cul-de-sac. The Ascot Avenue loading zone shall be coned off, marking the appropriate area for guardians to drop-off/pick-up students without leaving the vehicle. The safety valet shall continue to direct traffic to pull up to the front of the loading zone before opening car doors for students. This has been observed to result in a more continuous traffic flow and efficient vehicle processing, which in turn reduces the potential for any vehicle queuing outside of the designated loading zone area.

iii. It is recommended that a minimum of two (2) safety valet volunteers/staff members be stationed near the Ascot Avenue loading area and at a minimum it is recommended that one (1) safety valet be stationed at the 45th Street cul-de-sac entrance. The safety valet volunteer/s will be present primarily for the oversight of drop-off activities at the designated loading zones and not to assist with any pedestrian crossings. In doing so, one volunteer would be able to identify the student name within ample time to allow for student assembly and pick-up prior to the guardian's arrival at the designated pick-up location. It is recognized that improving the processing of pick-up operations would also help relieve congestion/queues observed at the Ascot Avenue/45th Street intersection. The recommended circulation pattern is intended to facilitate a high processing rate for dropping-off and picking-up students (i.e., unload and load several vehicles at a time). Parents will be encouraged to have their student ready to exit and enter the vehicle quickly and safely.

iv. It was observed that the traffic monitor stationed at the 45th Street cul-de-sac was not easily visible to motorists entering the loading zone, especially when vehicles were double parked. It is recommended that safety valets wear safety gear including reflective vests, hats and/or gloves at all times when performing traffic control operations at the campus. Also as part of the training for the safety valets, it should be reiterated that they be on time and present prior to the commencement of loading operations.

v. As posted for the loading zones, time-restricted two-hour parking is currently only be permitted during the off-peak loading time periods between 9:00 AM and 1:30 PM during school days. Further enforcement should be implemented such that vehicles observed to be parked within the Ascot Avenue or 45th

Street cul-de-sac loading zones during the loading period would be towed/ticketed since any parked vehicle/s during the loading period would essentially block other vehicles from fully utilizing the loading zone and reduces the efficiency of vehicle processing. Guidance on parking restrictions, vehicle enforcement, and school parking signage are provided in the School Traffic Safety Reference Guide REF-4492.1 as part of Standard Condition Measure SC-PED-4.

vi. In order to improve overall circulation for the planned main loading zone along Ascot Avenue, an option worth further consideration during the loading time periods is for all vehicles to be directed to proceed westerly from the 45th Street cul-de-sac to enter the planned southerly parking lot and utilize the drive aisle as the vehicle queuing area. The queued vehicles would then make a right-turn exiting the parking lot and proceed northerly to access the Ascot Avenue loading area in an orderly fashion. In doing so, it is recognized that any vehicles would be prohibited from parking in the loading zone during the loading time periods in order to provide sufficient space to fully utilize the loading area without being potentially blocked by parked vehicles.

vii. Based on the pedestrian routes recommended for Ascot Avenue ES prepared in September 2016 (refer to ***Attachment B***), a crossing guard should be stationed and present at the Ascot Avenue/45th Street intersection. However, no crossing guard was observed at this location during the conduct of the field review. One crossing guard observed in the study area was stationed at the Compton Avenue/46th Street intersection south of the Ascot Avenue ES campus. The School should encourage that guardians and students follow the circulation pattern and utilize the loading zone for those who choose to conduct drop-off/pick-up activities along the Ascot Avenue frontage. Guardians who choose to park along the west side of Ascot Avenue or 45th Street and walk their child(ren) to the gate on the east side of Ascot Avenue should be informed by the School that they must accompany the child(ren) and cross within the designated crosswalk at Ascot Avenue/45th Street. School-related pedestrians will be directed to the campus by crossing only at designated crosswalks at intersections (i.e., at Ascot Avenue/45th Street, Ascot Avenue/Vernon Avenue, Compton Avenue/Vernon Avenue, Compton Avenue/46th Street). Standard Condition Measure SC-PED-2 identifies the OEHS Traffic and Pedestrian Safety Program which includes measures (i.e., sidewalks, crossing guards, crosswalks, warning signs, etc.) to ensure separation between pedestrians and vehicles along pedestrian routes.

viii. Due to the high level of pedestrian activity from guardians/students who walk to/from campus, it was observed that a significant number of pedestrians crossed Compton Avenue mid-block (at 45th Street) without use of the designated crosswalks on Compton Avenue. As shown previously in *Figure 5*, 29 pedestrians during the AM peak hour and 56 pedestrians during the school PM peak hour were observed to cross Compton Avenue without use of the crosswalk. In accordance with Standard Condition Measure SC-PED-2, it is recommended that "No Ped X-ing" signs be installed facing both the eastbound and westbound directions at 45th Street at Compton Avenue and that pedestrians be re-directed to continue north/south in order to cross Compton Avenue at the designated crosswalks at Vernon Avenue or 46th Street.

ix. School-operated buses which transport students to and/or from Ascot Avenue ES, shall load and unload students from the 45th Street cul-de-sac entrance only during the morning and afternoon loading time periods so as to not overlap with the future primary usage of the Ascot Avenue loading zone by passenger vehicles. As part of the School Design Guide identified as Standard Condition Measures SC-PED-5 and SC-T-2, students drop-off and pick-up loading, bus loading areas, and parking areas shall be separated. The School Design Guide also contains specifications related to parking space requirements, general parking guidelines, and vehicular access and pedestrian safety.

Recommendations on General Campus Traffic Procedures

It is also recommended that the student drop-off/pick-up operations be included in the School policies for parent/guardian distribution at the beginning of each school year during the student enrollment period. The School's policy would include general traffic procedures for the campus, a summary of the drop-off and pick-up procedures, reminders on School policies for off-campus traffic circulation and parking, as well as provisions for being a good neighbor to local residents living near the School campus. These School policies are communicated to faculty, staff, students and parents/guardians at the beginning of the school year and are reinforced throughout the school year in the School's newsletter that is distributed throughout the School community, as well as to every resident located within a 500-foot radius of the campus.

It is also recommended that a School official (i.e., the School Principal or Principal's designee) along with their respective contact information, including telephone number, continue to be published in the School's newsletter as well as posted on the

School's website so that if the community has questions or comments regarding school-related traffic and parking issues, there is one clearly identified contact person. This School official would be referred to as the School's traffic and parking ombudsman and would be responsible for proactively addressing questions, comments and complaints from the School community and local residents. It is expected that the School's traffic and parking ombudsman would be very familiar with all policies and procedures regarding traffic and parking operations at the campus, as well as any special events planned to be held at the campus.

Please feel free to call us at 626.796.2322 with any questions and comments.

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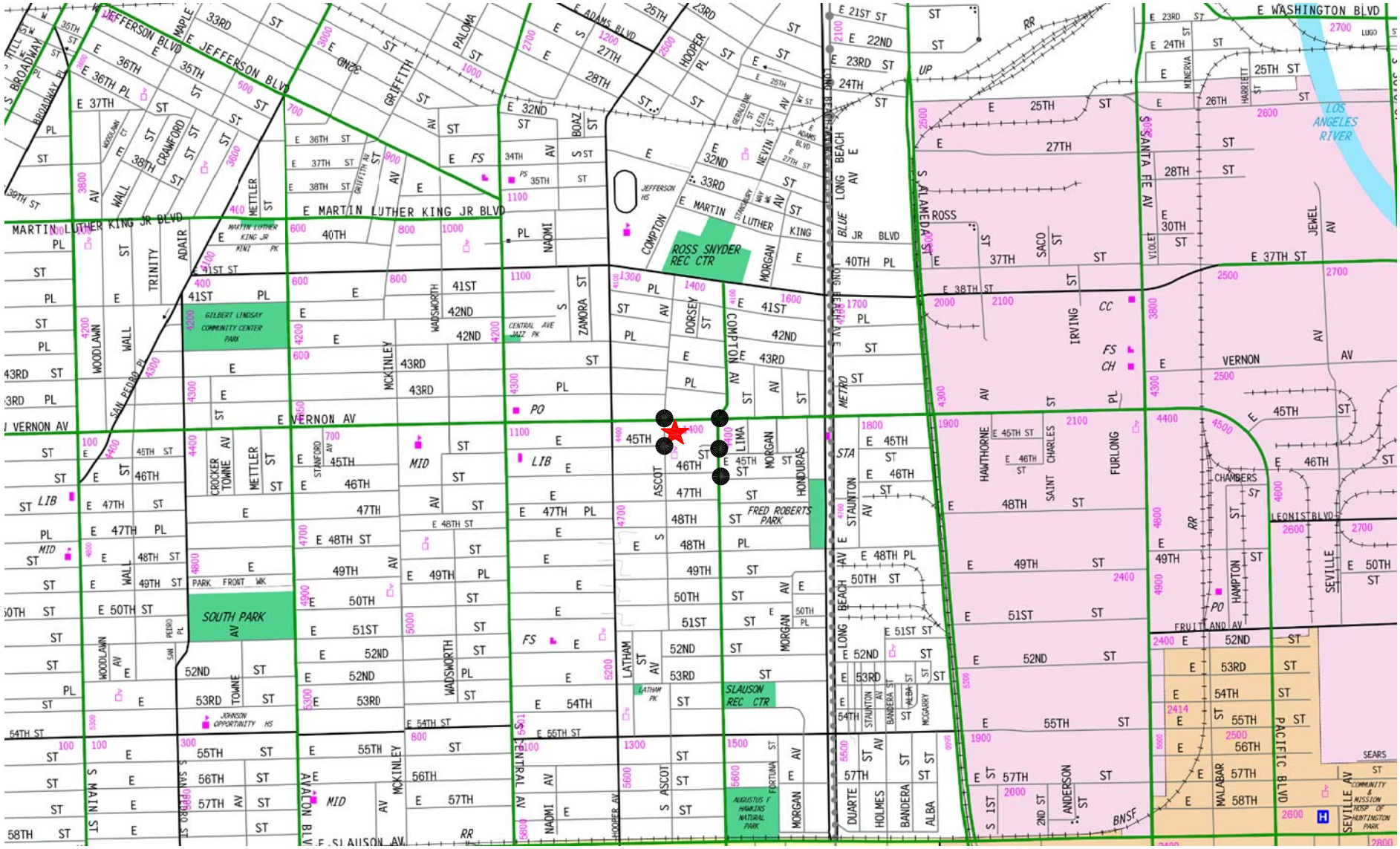
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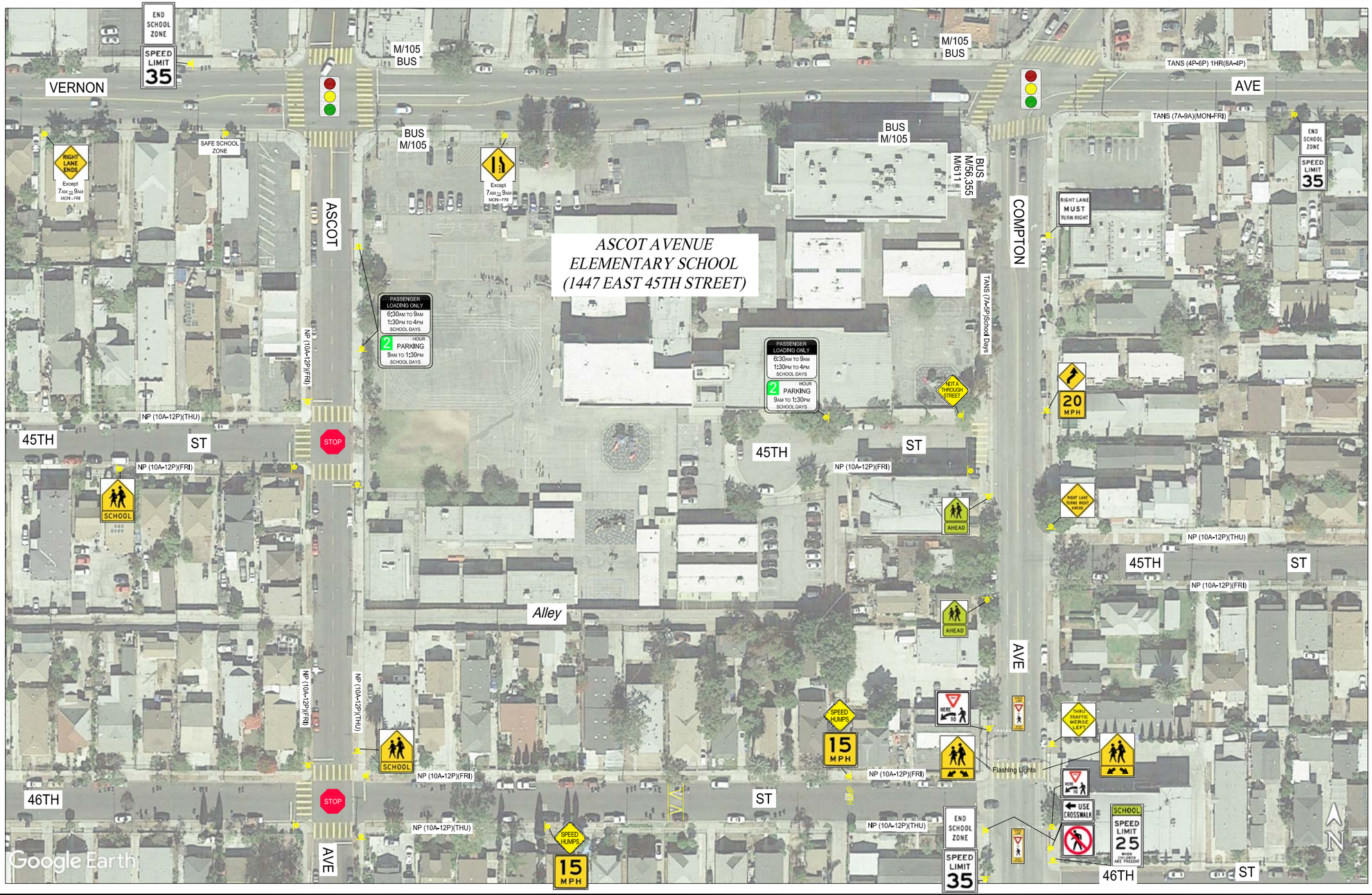

NOT TO SCALE

MAP SOURCE: GOOGLE EARTH

STOP SIGN

LINSCOTT, LAW & GREENSPAN, engineers

FIGURE 2
EXISTING CONDITIONS
STUDY AREA
ASCOT AVENUE ELEMENTARY SCHOOL

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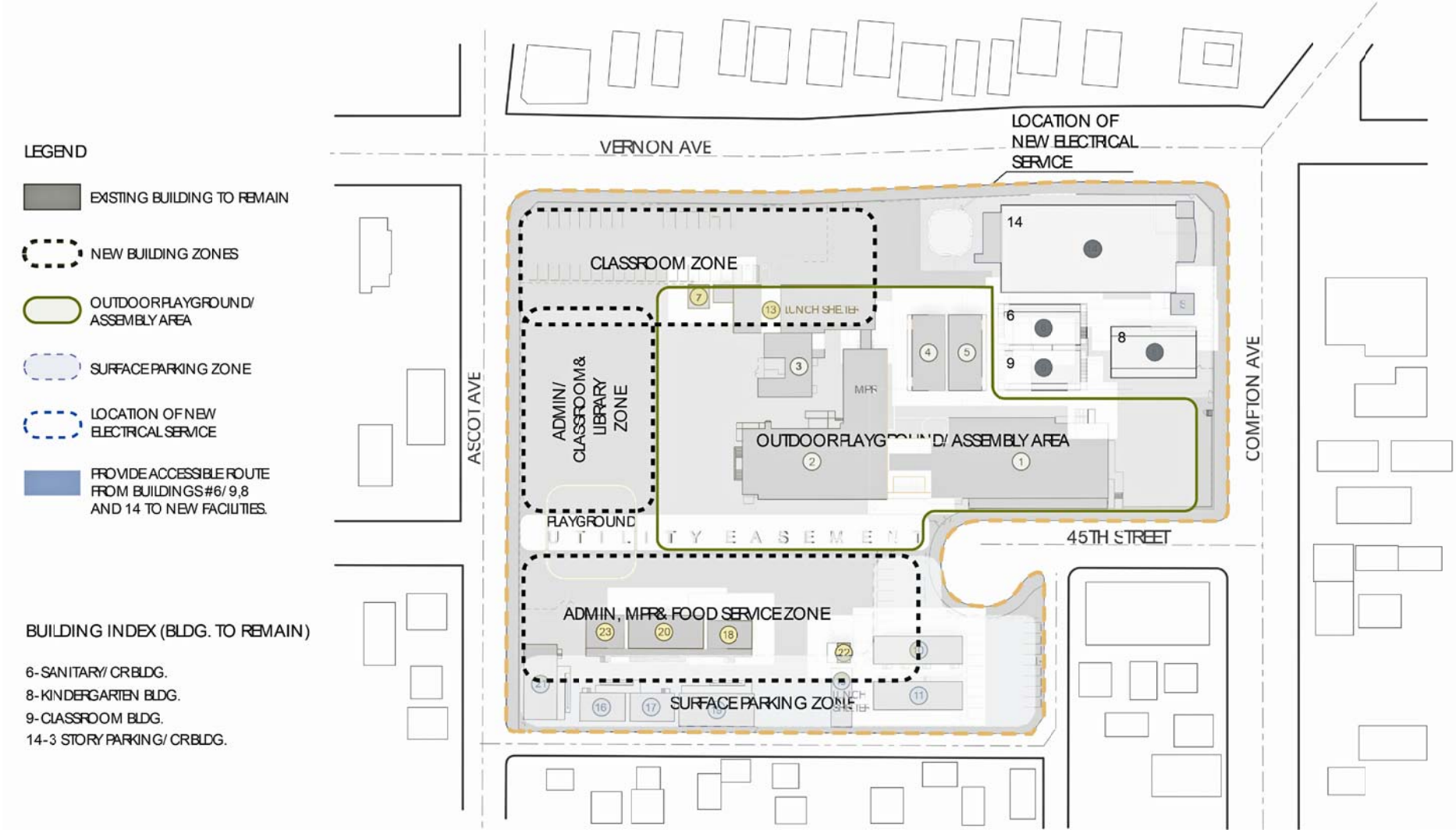

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SOURCE: SAPPHOS ENVIRONMENTAL, INC.

FIGURE 3
SITE PLAN

LINSCOTT, LAW & GREENSPAN, engineers

ASCOT AVENUE ELEMENTARY SCHOOL

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MAP SOURCE: GOOGLE EARTH

XX(XX) = AM(PM) PEAK HOUR VOLUMES

NOT TO SCALE

LINSCOTT, LAW & GREENSPAN, engineers

FIGURE 4
EXISTING TRAFFIC VOLUMES
SCHOOL AM AND PM PEAK HOURS

ASCOT AVENUE ELEMENTARY SCHOOL

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MAP SOURCE: GOOGLE EARTH

XX(XX) = AM(PM) PEAK HOUR PEDESTRIAN VOLUMES

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LINSCOTT, LAW & GREENSPAN, engineers

FIGURE 5
EXISTING PEDESTRIAN TRAFFIC VOLUMES
SCHOOL AM AND PM PEAK HOURS

ASCOT AVENUE ELEMENTARY SCHOOL

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MAP SOURCE: GOOGLE EARTH

INBOUND CIRCULATION

OUTBOUND CIRCULATION

FIGURE 6
EXISTING SCHOOL INBOUND/OUTBOUND CIRCULATION PATTERNS

LINSCOTT, LAW & GREENSPAN, engineers

ASCOT AVENUE ELEMENTARY SCHOOL

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Table 1
TRIP GENERATION USING 14 CUBIC-YARD CAPACITY TRUCKS [1]
PEAK CONSTRUCTION PHASE

LAND USE	DAILY TRIP ENDS [2] VOLUMES	AM PEAK HOUR VOLUMES [2]			PM PEAK HOUR VOLUMES [2]		
		IN	OUT	TOTAL	IN	OUT	TOTAL
Construction Trip Generation							
[A] Construction Workers [3]	88	0	0	0	0	22	22
[B] 14-cy Haul Truck Trips (unadjusted) [4]	70	4	4	8	4	4	8
[C] Delivery Truck Trips (unadjusted) [5]	24	2	2	4	2	2	4
[D] PCE Adjusted 14-cy Haul Truck Trips [6]	176	10	10	20	10	10	20
[E] PCE Adjusted Delivery Truck Trips [7]	48	4	4	8	4	4	8
Total Trips in PCEs with 14-CY Trucks ([A]+[D]+[E])	**312**	**14**	**14**	**28**	**14**	**36**	**50**
Existing Ascot Avenue ES Campus Trip Generation							
Elementary School [8] 916 students	1,731	332	282	614	75	81	156
Total Existing Campus Trip Generation	**1,731**	**332**	**282**	**614**	**75**	**81**	**156**

[1] Source: Based on the construction schedule matrix as provided by LAUSD, the following is assumed:
Haul trips expected to average 35 truck trips per day during the Site Preparation phase of peak export activities.
Hours of Truck Hauling Operations: Mondays to Fridays, 9:00 AM to 5:00 PM (8 hours of hauling per day are assumed)

[2] Trips are one-way traffic movements, entering or leaving.

[3] An average of 50 construction workers are expected to be on-site when students are present during the regular school year. Workers are assumed to arrive at the site prior to 7:00 AM and it is assumed that 50 percent (one-half) of the workers would depart during the PM peak hour of adjacent street traffic.
An average vehicle ridership factor of 1.135 passengers/vehicles was applied to determine the worker vehicle trips.
Daily construction worker trips = 50 workers/ (1.135 passengers/vehicle) = 44 inbound vehicle trips + 44 outbound vehicle trips = 88 total daily vehicle trips

[4] Daily truck trips to/from the receptor site/s were derived based on the following, using 14 cubic yard (cy) capacity per haul truck:
35 total truck loads per day = 35 inbound trips + 35 outbound trips = 70 total daily truck trips.
Peak Hour Truck Trips = 70 trips / 8 hours = 8 one-way truck trips per hour.
Thus, for analysis purposes 4 inbound truck trips + 4 outbound truck trips = 8 total truck trips per hour have been assumed.

[5] Peak delivery trips are expected during the Building Construction/Modernization sub-phase of construction activities, where 24 one-way delivery truck trips are expected during the peak day.
12 inbound delivery trucks + 12 outbound delivery trucks = 24 total daily delivery truck trips (assumed for peak delivery day)

[6] A passenger car equivalency (PCE) factor of 2.5 was employed for analysis purposes. This accounts for the assumption that a single 14 cubic yard capacity haul truck has the same overall affect on intersection traffic operations as 2.5 passenger cars.
Peak Hour Adjusted Truck Trips (in PCEs) = 10 inbound truck trips + 10 outbound truck trips = 20 total truck trips (in PCEs) have been assumed.

[7] A PCE factor of 2.0 was employed for delivery trucks, and the adjusted daily and peak hour delivery truck trips (in PCEs) are as follows:
Daily Adjusted Delivery Trips (in PCEs) = 24 inbound delivery trips + 24 outbound delivery trips = 48 total daily delivery trips.
Peak Hour Adjusted Delivery Trips (in PCEs) = 4 inbound delivery trips + 4 outbound delivery trips = 8 total delivery trips.

[8] Source: ITE "Trip Generation Manual", 10th Edition, 2017.
ITE Land Use Code 520 (Elementary School) trip generation average rates.
- Daily Trip Rate: 1.89 trips/student; 50% inbound/50% outbound
- AM Peak Hour Trip Rate: 0.67 trips/student; 54% inbound/46% outbound
- PM Peak Hour Trip Rate: 0.17 trips/student; 48% inbound/52% outbound

ATTACHMENT A

MANUAL INTERSECTION TRAFFIC COUNTS - SCHOOL AM AND PM PEAK HOURS

CITY TRAFFIC COUNTERS

WWW.CTCOUNTERS.COM

File Name : Ascot_Vernon
Site Code : 00000000
Start Date : 11/28/2018
Page No : 1

Groups Printed- Vehicles

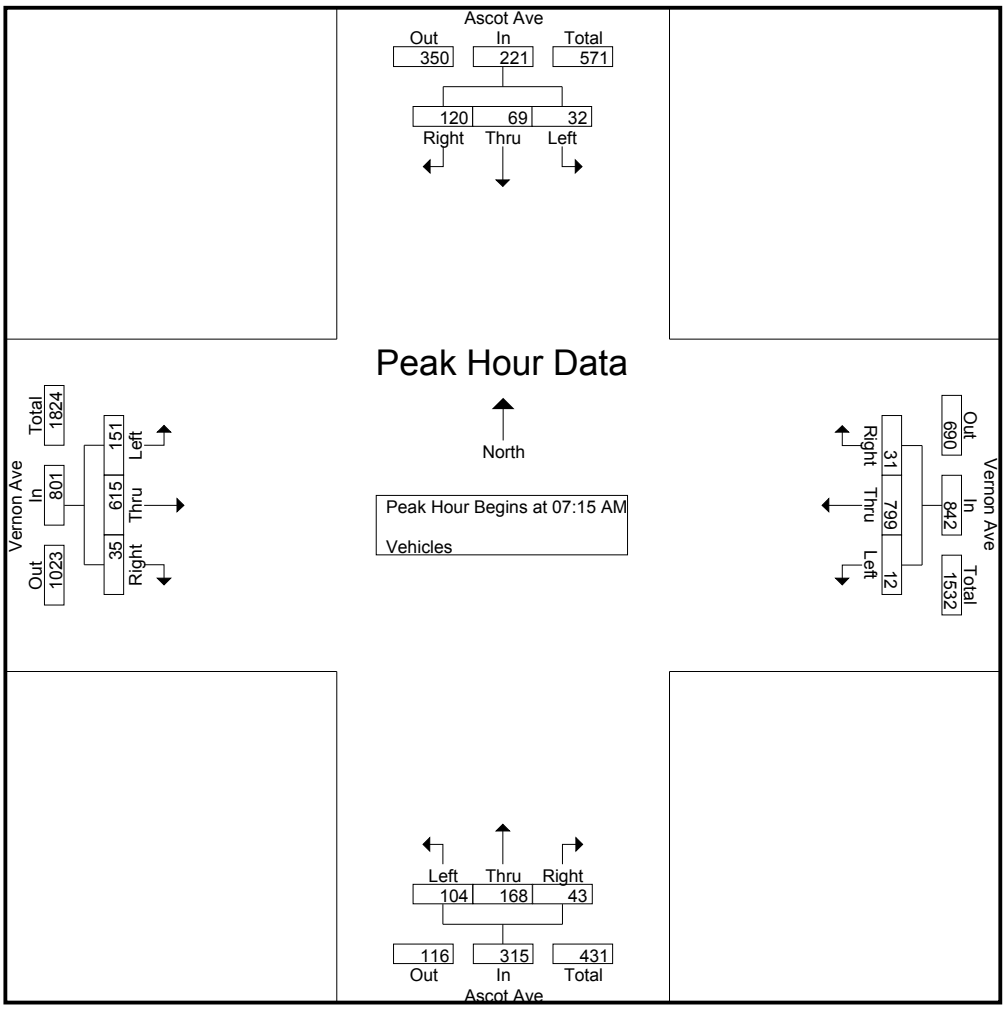
	Ascot Ave Southbound			Vernon Ave Westbound			Ascot Ave Northbound			Vernon Ave Eastbound			
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Int. Total
07:00 AM	5	5	23	6	209	6	20	30	9	35	122	2	472
07:15 AM	9	12	30	5	205	9	21	33	8	36	140	5	513
07:30 AM	6	20	34	3	217	9	30	64	13	39	160	6	601
07:45 AM	9	25	31	4	198	6	38	36	14	48	162	12	583
Total	29	62	118	18	829	30	109	163	44	158	584	25	2169
08:00 AM	8	12	25	0	179	7	15	35	8	28	153	12	482
08:15 AM	5	3	20	1	238	5	7	18	5	22	147	4	475
08:30 AM	7	11	15	1	202	3	8	11	2	13	117	5	395
08:45 AM	3	4	8	0	162	8	7	9	1	12	97	0	311
Total	23	30	68	2	781	23	37	73	16	75	514	21	1663
01:30 PM	6	5	16	1	180	2	2	14	6	13	124	2	371
01:45 PM	5	11	18	5	179	2	8	7	6	18	137	9	405
Total	11	16	34	6	359	4	10	21	12	31	261	11	776
02:00 PM	3	9	21	4	153	6	5	9	1	13	155	6	385
02:15 PM	7	23	13	5	139	4	14	17	10	17	178	5	432
02:30 PM	6	5	14	4	167	3	13	8	7	17	165	8	417
02:45 PM	9	15	13	3	180	9	2	2	1	19	171	2	426
Total	25	52	61	16	639	22	34	36	19	66	669	21	1660
03:00 PM	14	28	30	2	182	8	7	13	8	26	171	7	496
03:15 PM	12	12	20	7	176	2	2	7	6	25	169	3	441
Grand Total	114	200	331	51	2966	89	199	313	105	381	2368	88	7205
Apprch %	17.7	31	51.3	1.6	95.5	2.9	32.3	50.7	17	13.4	83.5	3.1	
Total %	1.6	2.8	4.6	0.7	41.2	1.2	2.8	4.3	1.5	5.3	32.9	1.2	

CITY TRAFFIC COUNTERS

WWW.CTCOUNTERS.COM

File Name : Ascot_Vernon
Site Code : 00000000
Start Date : 11/28/2018
Page No : 2

	Ascot Ave Southbound				Vernon Ave Westbound				Ascot Ave Northbound				Vernon Ave Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	**9**	12	30	51	**5**	205	**9**	219	21	33	8	62	36	140	5	181	513
07:30 AM	6	20	**34**	60	3	**217**	9	**229**	30	**64**	13	**107**	39	160	6	205	**601**
07:45 AM	9	**25**	31	**65**	4	198	6	208	**38**	36	**14**	88	**48**	**162**	**12**	**222**	583
08:00 AM	8	12	25	45	0	179	7	186	15	35	8	58	28	153	12	193	482
Total Volume	32	69	120	221	12	799	31	842	104	168	43	315	151	615	35	801	2179
% App. Total	14.5	31.2	54.3		1.4	94.9	3.7		33	53.3	13.7		18.9	76.8	4.4		
PHF	.889	.690	.882	.850	.600	.921	.861	.919	.684	.656	.768	.736	.786	.949	.729	.902	.906

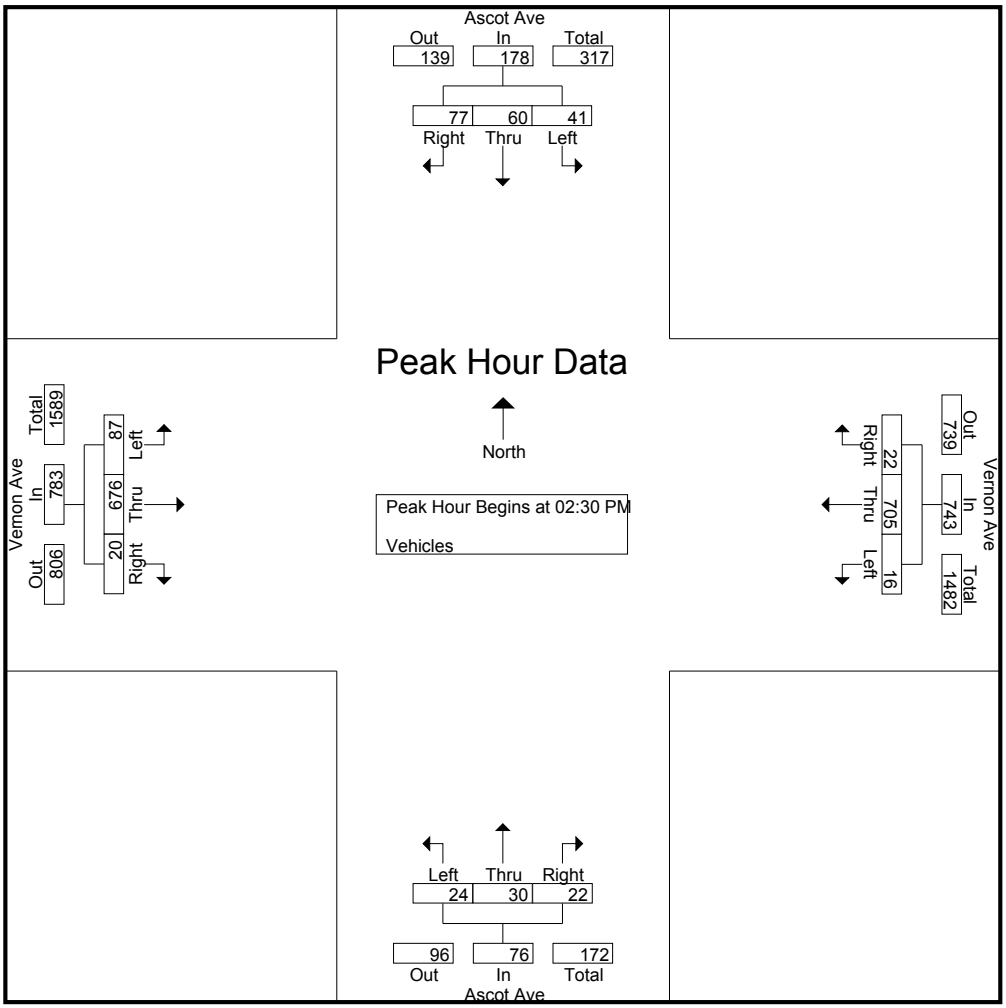


CITY TRAFFIC COUNTERS

WWW.CTCOUNTERS.COM

File Name : Ascot_Vernon
Site Code : 00000000
Start Date : 11/28/2018
Page No : 3

	Ascot Ave Southbound				Vernon Ave Westbound				Ascot Ave Northbound				Vernon Ave Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 03:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 02:30 PM																	
02:30 PM	6	5	14	25	4	167	3	174	**13**	8	7	**28**	17	165	**8**	190	417
02:45 PM	9	15	13	37	3	180	**9**	**192**	2	2	1	5	19	**171**	2	192	426
03:00 PM	**14**	**28**	**30**	**72**	2	**182**	8	192	7	**13**	**8**	28	**26**	171	7	**204**	**496**
03:15 PM	12	12	20	44	**7**	176	2	185	2	7	6	15	25	169	3	197	441
Total Volume	41	60	77	178	16	705	22	743	24	30	22	76	87	676	20	783	1780
% App. Total	23	33.7	43.3		2.2	94.9	3		31.6	39.5	28.9		11.1	86.3	2.6		
PHF	.732	.536	.642	.618	.571	.968	.611	.967	.462	.577	.688	.679	.837	.988	.625	.960	.897



CITY TRAFFIC COUNTERS

WWW.CTCOUNTERS.COM

File Name : Ascot_Vernon_BP
Site Code : 00000000
Start Date : 11/28/2018
Page No : 1

Groups Printed- Bikes & Peds

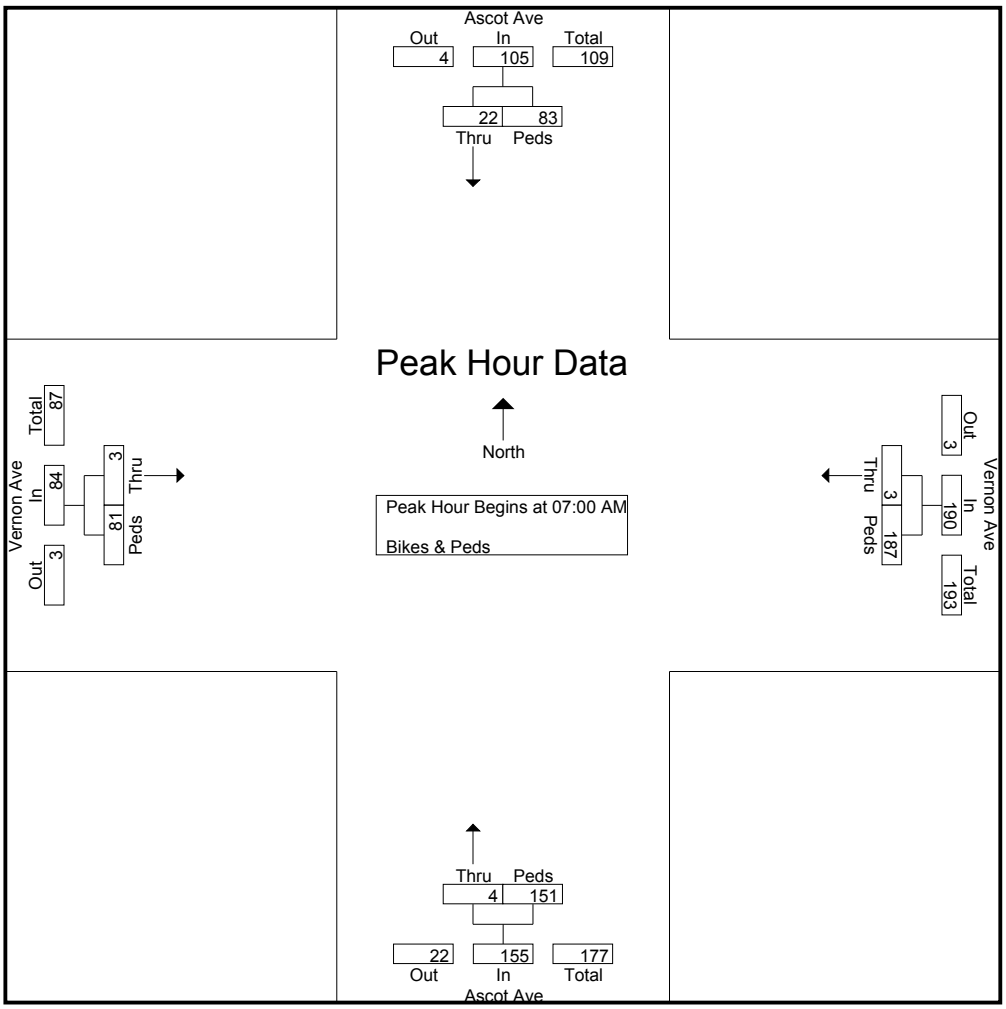
	Ascot Ave Southbound		Vernon Ave Westbound		Ascot Ave Northbound		Vernon Ave Eastbound		
Start Time	Bikes	Peds	Bikes	Peds	Bikes	Peds	Bikes	Peds	Int. Total
07:00 AM	11	6	2	11	0	6	0	0	36
07:15 AM	3	5	0	20	1	17	2	7	55
07:30 AM	3	55	1	121	3	58	0	45	286
07:45 AM	5	17	0	35	0	70	1	29	157
Total	22	83	3	187	4	151	3	81	534
08:00 AM	3	1	2	2	0	4	0	2	14
08:15 AM	5	6	0	3	1	9	1	2	27
08:30 AM	3	11	0	2	4	7	0	2	29
08:45 AM	2	1	0	2	0	3	0	0	8
Total	13	19	2	9	5	23	1	6	78
01:30 PM	0	5	0	4	2	7	0	0	18
01:45 PM	5	3	0	0	0	1	0	0	9
Total	5	8	0	4	2	8	0	0	27
02:00 PM	1	13	0	29	0	14	0	9	66
02:15 PM	2	57	0	127	0	80	0	52	318
02:30 PM	2	17	0	12	1	22	0	14	68
02:45 PM	2	3	0	0	1	5	0	0	11
Total	7	90	0	168	2	121	0	75	463
03:00 PM	0	12	6	11	2	7	0	10	48
03:15 PM	3	23	0	11	4	20	0	5	66
Grand Total	50	235	11	390	19	330	4	177	1216
Apprch %	17.5	82.5	2.7	97.3	5.4	94.6	2.2	97.8	
Total %	4.1	19.3	0.9	32.1	1.6	27.1	0.3	14.6	

CITY TRAFFIC COUNTERS

WWW.CTCOUNTERS.COM

File Name : Ascot_Vernon_BP
Site Code : 00000000
Start Date : 11/28/2018
Page No : 2

	Ascot Ave Southbound			Vernon Ave Westbound			Ascot Ave Northbound			Vernon Ave Eastbound			
Start Time	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 AM													
07:00 AM	**11**	6	17	**2**	11	13	0	6	6	0	0	0	36
07:15 AM	3	5	8	0	20	20	1	17	18	**2**	7	9	55
07:30 AM	3	**55**	**58**	1	**121**	**122**	**3**	58	61	0	**45**	**45**	**286**
07:45 AM	5	17	22	0	35	35	0	**70**	**70**	1	29	30	157
Total Volume	22	83	105	3	187	190	4	151	155	3	81	84	534
% App. Total	21	79		1.6	98.4		2.6	97.4		3.6	96.4		
PHF	.500	.377	.453	.375	.386	.389	.333	.539	.554	.375	.450	.467	.467



CITY TRAFFIC COUNTERS

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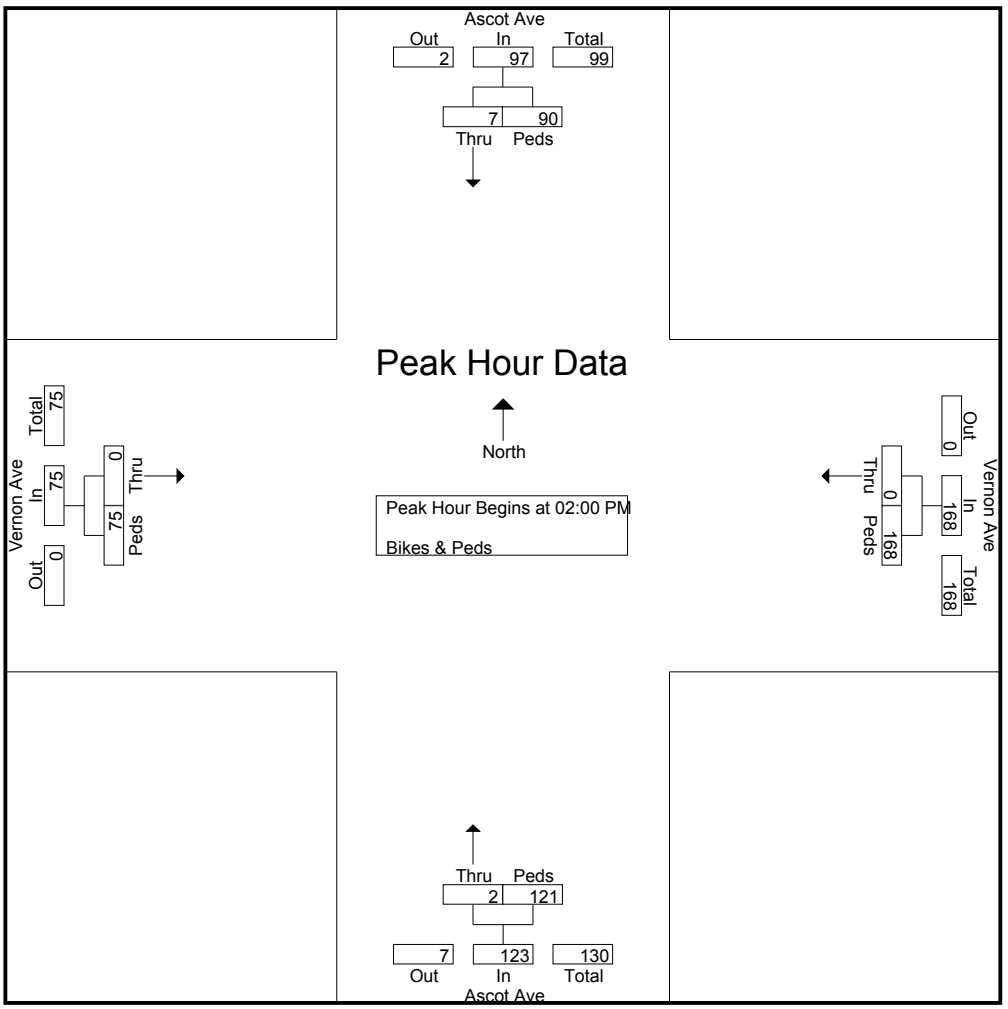
	Ascot Ave Southbound			Vernon Ave Westbound			Ascot Ave Northbound			Vernon Ave Eastbound			
Start Time	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 03:15 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 02:00 PM													
02:00 PM	1	13	14	0	29	29	0	14	14	0	9	9	66
02:15 PM	**2**	**57**	**59**	0	**127**	**127**	0	**80**	**80**	0	**52**	**52**	**318**
02:30 PM	2	17	19	0	12	12	**1**	22	23	0	14	14	68
02:45 PM	2	3	5	0	0	0	1	5	6	0	0	0	11
Total Volume	7	90	97	0	168	168	2	121	123	0	75	75	463
% App. Total	7.2	92.8		0	100		1.6	98.4		0	100		
PHF	.875	.395	.411	.000	.331	.331	.500	.378	.384	.000	.361	.361	.364



CITY TRAFFIC COUNTERS

WWW.CTCOUNTERS.COM

File Name : Ascot_45th
Site Code : 00000000
Start Date : 11/28/2018
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Groups Printed- Vehicles

	Ascot Ave Southbound			Westbound			Ascot Ave Northbound			45th Street Eastbound			
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Int. Total
07:00 AM	0	8	4	0	0	0	3	62	0	2	0	2	81
07:15 AM	0	14	4	0	0	0	4	67	0	8	0	8	105
07:30 AM	0	16	14	0	0	0	5	85	0	11	0	12	143
07:45 AM	0	23	10	0	0	0	10	65	0	2	0	6	116
Total	0	61	32	0	0	0	22	279	0	23	0	28	445
08:00 AM	0	13	4	0	0	0	2	40	0	4	0	6	69
08:15 AM	0	4	0	0	0	0	3	28	0	1	0	1	37
08:30 AM	0	6	1	0	0	0	3	22	0	4	0	1	37
08:45 AM	0	4	0	0	0	0	0	16	0	1	0	2	23
Total	0	27	5	0	0	0	8	106	0	10	0	10	166
01:30 PM	0	7	3	0	0	0	2	16	0	6	0	3	37
01:45 PM	0	17	2	0	0	0	1	20	0	4	0	2	46
Total	0	24	5	0	0	0	3	36	0	10	0	5	83
02:00 PM	0	12	1	0	0	0	2	17	0	0	0	4	36
02:15 PM	0	23	7	0	0	0	4	28	0	2	0	2	66
02:30 PM	0	11	3	0	0	0	1	23	0	2	0	6	46
02:45 PM	0	19	0	0	0	0	3	7	0	3	0	4	36
Total	0	65	11	0	0	0	10	75	0	7	0	16	184
03:00 PM	0	27	1	0	0	0	3	26	0	4	0	3	64
03:15 PM	0	17	2	0	0	0	3	12	0	2	0	3	39
Grand Total	0	221	56	0	0	0	49	534	0	56	0	65	981
Apprch %	0	79.8	20.2	0	0	0	8.4	91.6	0	46.3	0	53.7	
Total %	0	22.5	5.7	0	0	0	5	54.4	0	5.7	0	6.6	

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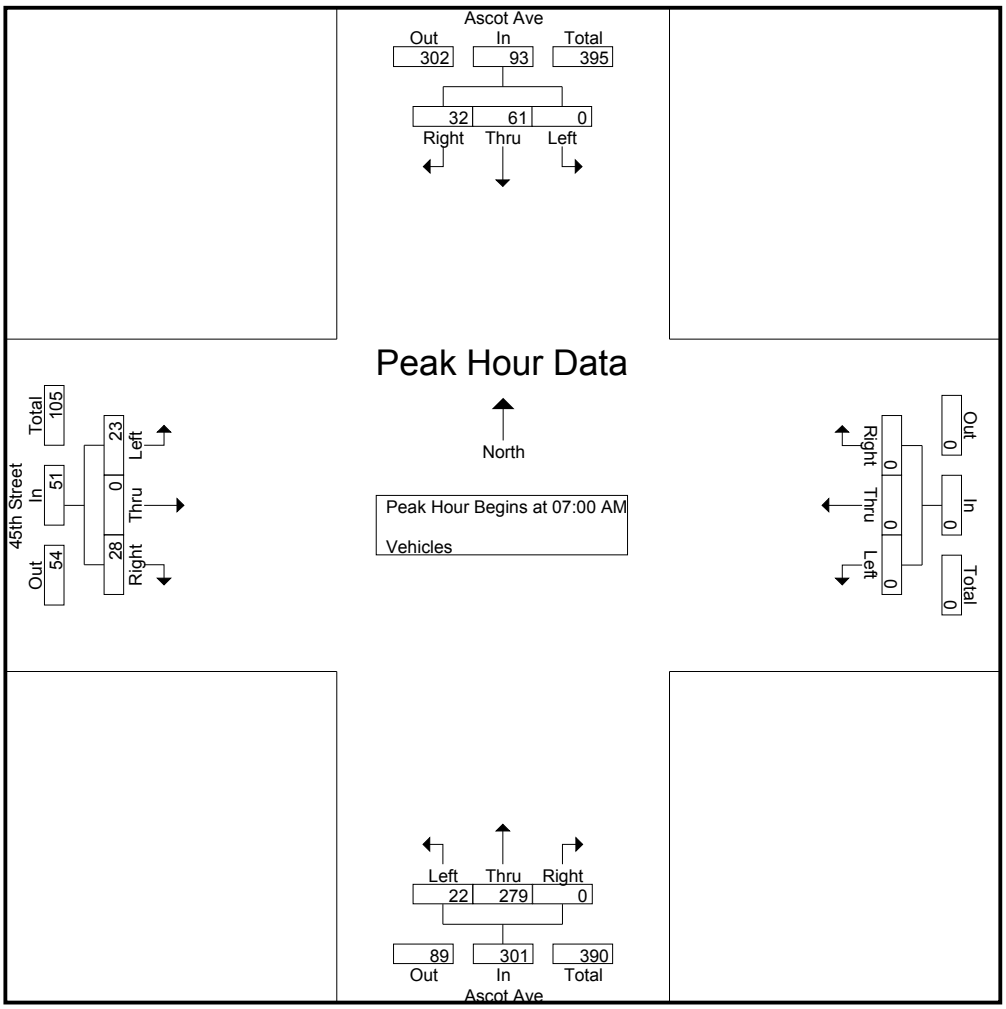
	Ascot Ave Southbound				Westbound				Ascot Ave Northbound				45th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:00 AM																	
07:00 AM	0	8	4	12	0	0	0	0	3	62	0	65	2	0	2	4	81
07:15 AM	0	14	4	18	0	0	0	0	4	67	0	71	8	0	8	16	105
07:30 AM	0	16	**14**	30	0	0	0	0	5	**85**	0	**90**	**11**	0	**12**	**23**	**143**
07:45 AM	0	**23**	10	**33**	0	0	0	0	**10**	65	0	75	2	0	6	8	116
Total Volume	0	61	32	93	0	0	0	0	22	279	0	301	23	0	28	51	445
% App. Total	0	65.6	34.4		0	0	0		7.3	92.7	0		45.1	0	54.9		
PHF	.000	.663	.571	.705	.000	.000	.000	.000	.550	.821	.000	.836	.523	.000	.583	.554	.778



CITY TRAFFIC COUNTERS

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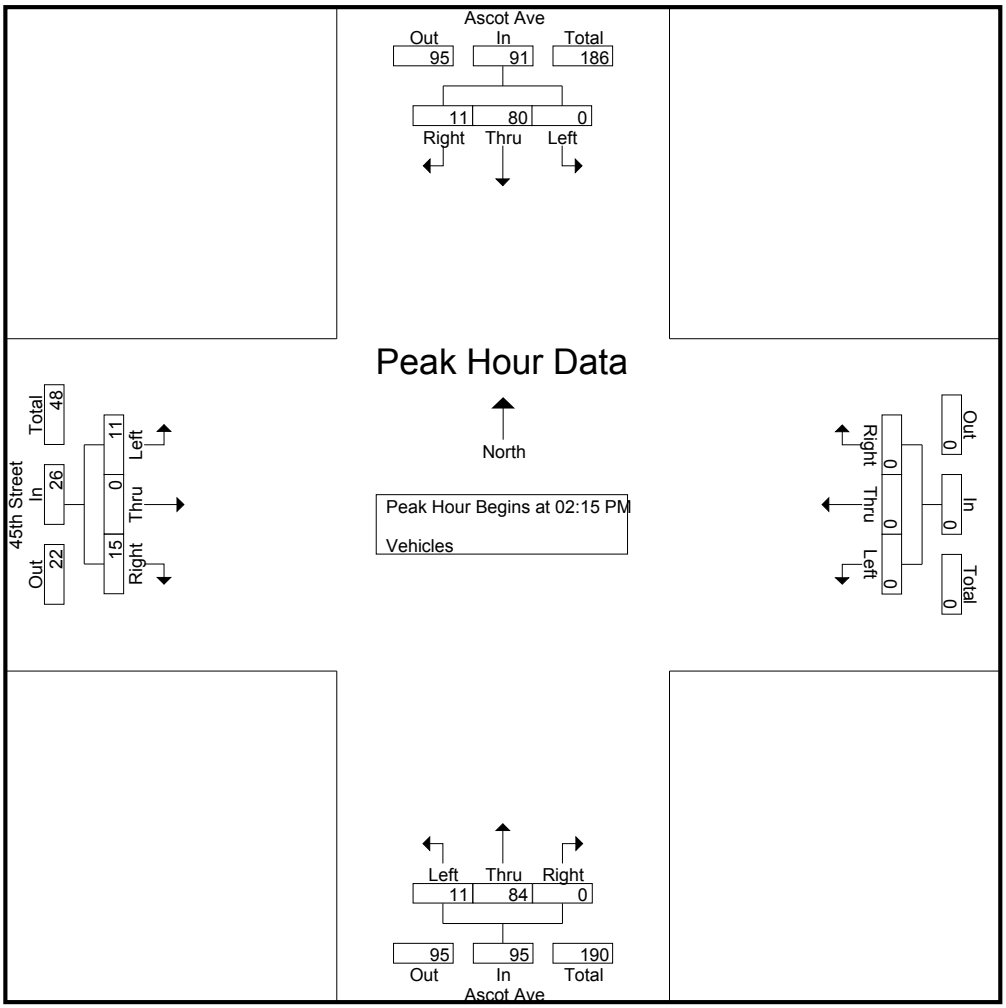
	Ascot Ave Southbound				Westbound				Ascot Ave Northbound				45th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 03:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 02:15 PM																	
02:15 PM	0	23	**7**	**30**	0	0	0	0	**4**	**28**	0	**32**	2	0	2	4	**66**
02:30 PM	0	11	3	14	0	0	0	0	1	23	0	24	2	0	**6**	**8**	46
02:45 PM	0	19	0	19	0	0	0	0	3	7	0	10	3	0	4	7	36
03:00 PM	0	**27**	1	28	0	0	0	0	3	26	0	29	**4**	0	3	7	64
Total Volume	0	80	11	91	0	0	0	0	11	84	0	95	11	0	15	26	212
% App. Total	0	87.9	12.1		0	0	0		11.6	88.4	0		42.3	0	57.7		
PHF	.000	.741	.393	.758	.000	.000	.000	.000	.688	.750	.000	.742	.688	.000	.625	.813	.803



CITY TRAFFIC COUNTERS

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Groups Printed- Bikes & Peds

	Ascot Ave Southbound		Westbound		Ascot Ave Northbound		45th Street Eastbound		
Start Time	Bikes	Peds	Bikes	Peds	Bikes	Peds	Bikes	Peds	Int. Total
07:00 AM	0	0	1	0	0	4	0	0	5
07:15 AM	0	0	0	0	0	7	0	1	8
07:30 AM	0	6	0	0	1	5	0	0	12
07:45 AM	0	9	1	0	0	13	0	0	23
Total	0	15	2	0	1	29	0	1	48
08:00 AM	0	0	1	0	1	0	0	0	2
08:15 AM	0	0	0	0	0	0	1	0	1
08:45 AM	0	1	0	0	0	0	1	0	2
Total	0	1	1	0	1	0	2	0	5
01:30 PM	0	1	0	0	0	0	0	0	1
Total	0	1	0	0	0	0	0	0	1
02:00 PM	0	2	0	0	0	4	0	0	6
02:15 PM	0	9	0	4	0	6	0	1	20
02:30 PM	2	2	1	0	0	5	0	1	11
02:45 PM	0	1	0	0	0	1	0	0	2
Total	2	14	1	4	0	16	0	2	39
03:00 PM	0	1	5	0	0	0	0	13	19
03:15 PM	0	9	2	0	0	4	0	5	20
Grand Total	2	41	11	4	2	49	2	21	132
Apprch %	4.7	95.3	73.3	26.7	3.9	96.1	8.7	91.3	
Total %	1.5	31.1	8.3	3	1.5	37.1	1.5	15.9	

CITY TRAFFIC COUNTERS

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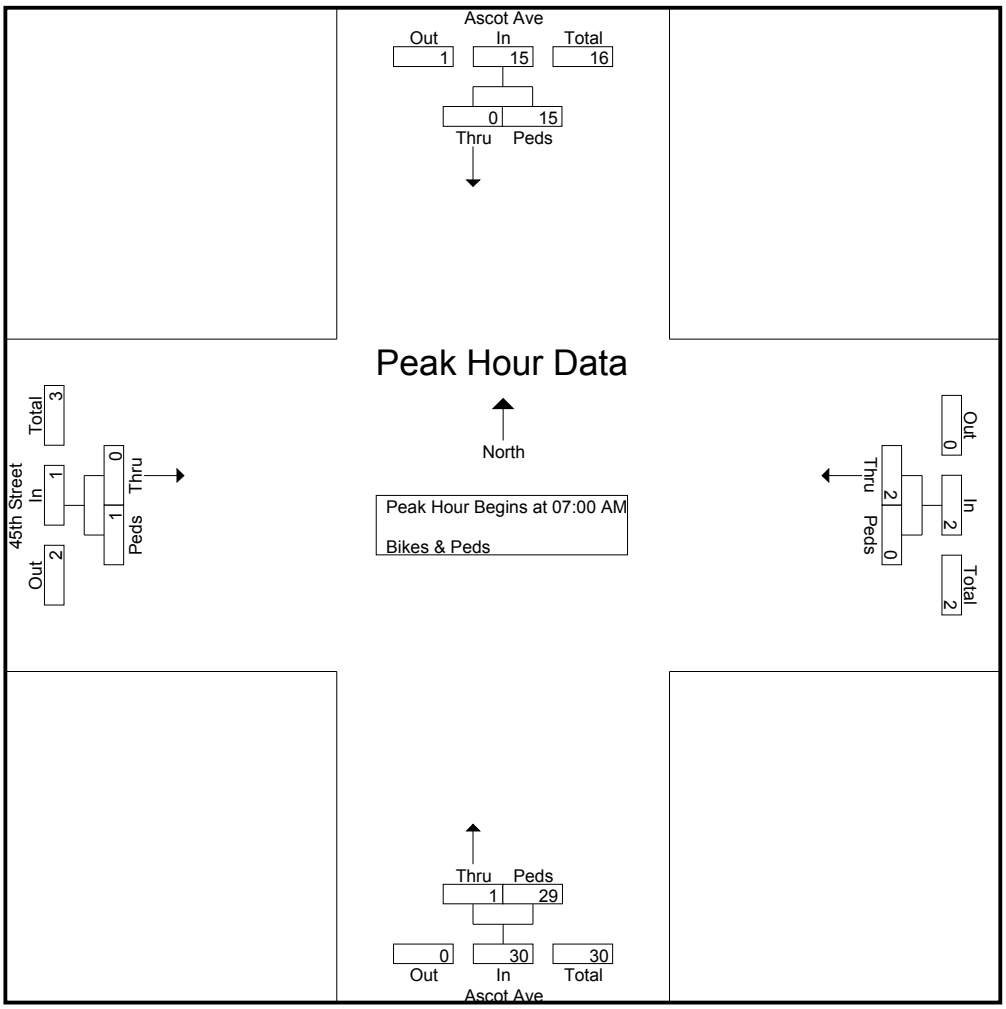
	Ascot Ave Southbound			Westbound			Ascot Ave Northbound			45th Street Eastbound			
Start Time	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 AM													
07:00 AM	0	0	0	**1**	0	**1**	0	4	4	0	0	0	5
07:15 AM	0	0	0	0	0	0	0	7	7	0	**1**	**1**	8
07:30 AM	0	6	6	0	0	0	**1**	5	6	0	0	0	12
07:45 AM	0	**9**	**9**	1	0	1	0	**13**	**13**	0	0	0	**23**
Total Volume	0	15	15	2	0	2	1	29	30	0	1	1	48
% App. Total	0	100		100	0		3.3	96.7		0	100		
PHF	.000	.417	.417	.500	.000	.500	.250	.558	.577	.000	.250	.250	.522



CITY TRAFFIC COUNTERS

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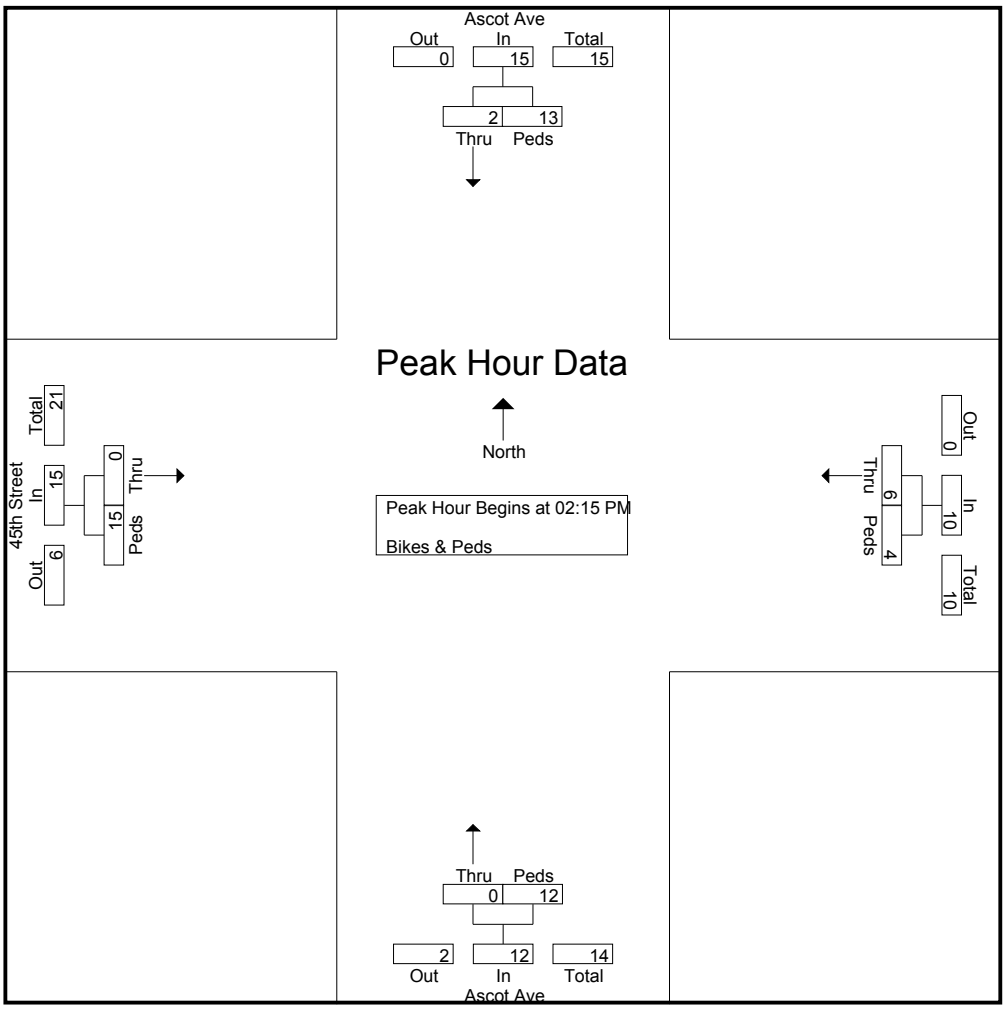
	Ascot Ave Southbound			Westbound			Ascot Ave Northbound			45th Street Eastbound			
Start Time	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 03:15 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 02:15 PM													
02:15 PM	0	**9**	**9**	0	**4**	4	0	**6**	**6**	0	1	1	**20**
02:30 PM	**2**	2	4	1	0	1	0	5	5	0	1	1	11
02:45 PM	0	1	1	0	0	0	0	1	1	0	0	0	2
03:00 PM	0	1	1	**5**	0	**5**	0	0	0	0	**13**	**13**	19
Total Volume	2	13	15	6	4	10	0	12	12	0	15	15	52
% App. Total	13.3	86.7		60	40		0	100		0	100		
PHF	.250	.361	.417	.300	.250	.500	.000	.500	.500	.000	.288	.288	.650



CITY TRAFFIC COUNTERS

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Groups Printed- Vehicles

	Compton Ave Southbound			Vernon Ave Westbound			Compton Ave Northbound			Vernon Ave Eastbound			
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Int. Total
07:00 AM	4	30	24	8	119	8	81	150	14	7	106	26	577
07:15 AM	6	44	18	12	134	5	63	150	18	13	119	31	613
07:30 AM	5	47	15	17	139	4	66	162	14	14	138	33	654
07:45 AM	4	56	13	11	109	2	79	145	16	28	101	62	626
Total	19	177	70	48	501	19	289	607	62	62	464	152	2470
08:00 AM	8	47	7	5	107	8	85	147	18	19	85	50	586
08:15 AM	3	21	13	13	130	2	93	119	13	10	131	34	582
08:30 AM	5	22	9	7	98	9	88	93	17	9	84	34	475
08:45 AM	3	19	8	6	90	4	58	67	16	7	73	22	373
Total	19	109	37	31	425	23	324	426	64	45	373	140	2016
01:30 PM	4	28	13	6	131	4	34	35	14	14	94	46	423
01:45 PM	2	26	18	13	132	3	33	46	6	10	103	32	424
Total	6	54	31	19	263	7	67	81	20	24	197	78	847
02:00 PM	3	54	13	16	119	1	39	51	11	8	121	38	474
02:15 PM	6	56	13	4	102	4	28	45	15	17	141	58	489
02:30 PM	3	50	12	6	113	5	39	37	16	9	152	52	494
02:45 PM	2	61	8	8	143	4	49	47	8	9	117	67	523
Total	14	221	46	34	477	14	155	180	50	43	531	215	1980
03:00 PM	5	57	26	10	129	5	36	45	12	11	141	66	543
03:15 PM	7	51	11	18	157	5	29	52	18	8	130	67	553
Grand Total	70	669	221	160	1952	73	900	1391	226	193	1836	718	8409
Apprch %	7.3	69.7	23	7.3	89.3	3.3	35.8	55.3	9	7	66.8	26.1	
Total %	0.8	8	2.6	1.9	23.2	0.9	10.7	16.5	2.7	2.3	21.8	8.5	

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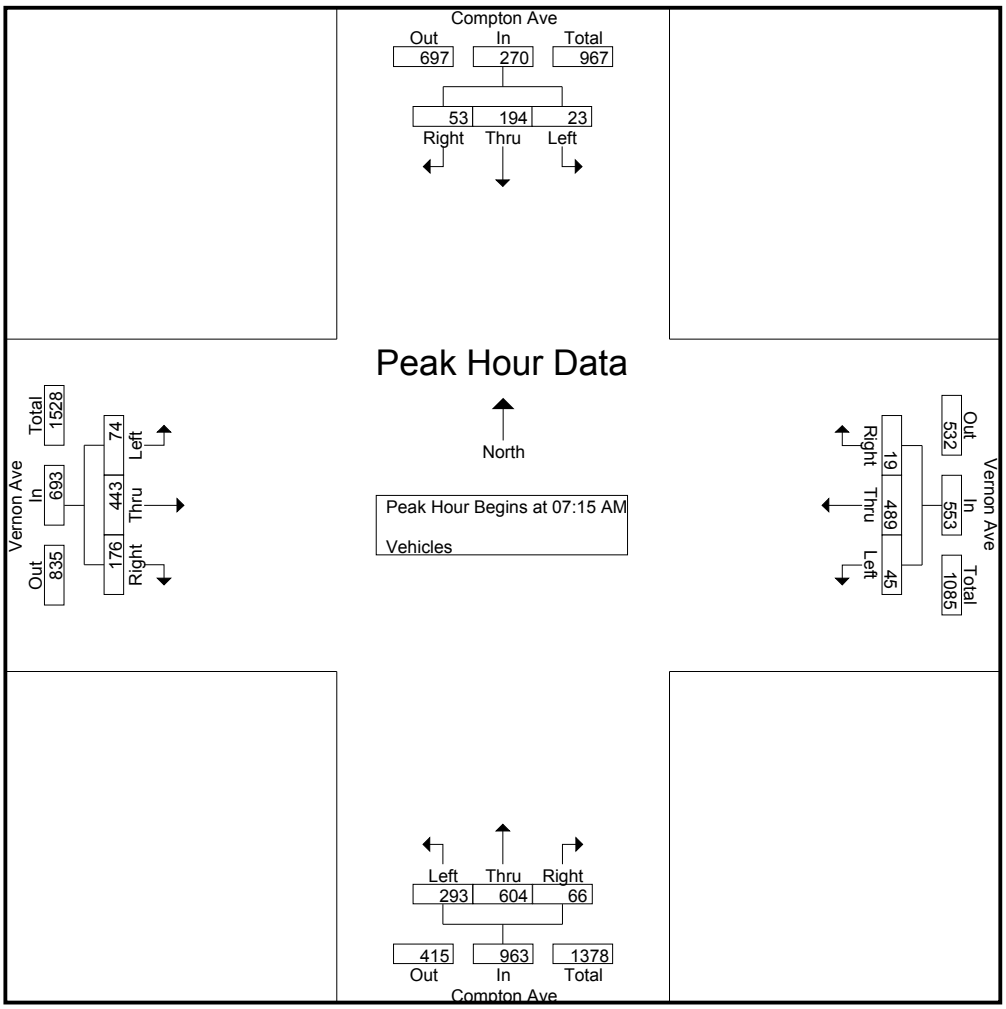
	Compton Ave Southbound				Vernon Ave Westbound				Compton Ave Northbound				Vernon Ave Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	6	44	**18**	68	12	134	5	151	63	150	**18**	231	13	119	31	163	613
07:30 AM	5	47	15	67	**17**	**139**	4	**160**	66	**162**	14	242	14	**138**	33	185	**654**
07:45 AM	4	**56**	13	**73**	11	109	2	122	79	145	16	240	**28**	101	**62**	**191**	626
08:00 AM	**8**	47	7	62	5	107	**8**	120	**85**	147	18	**250**	19	85	50	154	586
Total Volume	23	194	53	270	45	489	19	553	293	604	66	963	74	443	176	693	2479
% App. Total	8.5	71.9	19.6		8.1	88.4	3.4		30.4	62.7	6.9		10.7	63.9	25.4		
PHF	.719	.866	.736	.925	.662	.879	.594	.864	.862	.932	.917	.963	.661	.803	.710	.907	.948



CITY TRAFFIC COUNTERS

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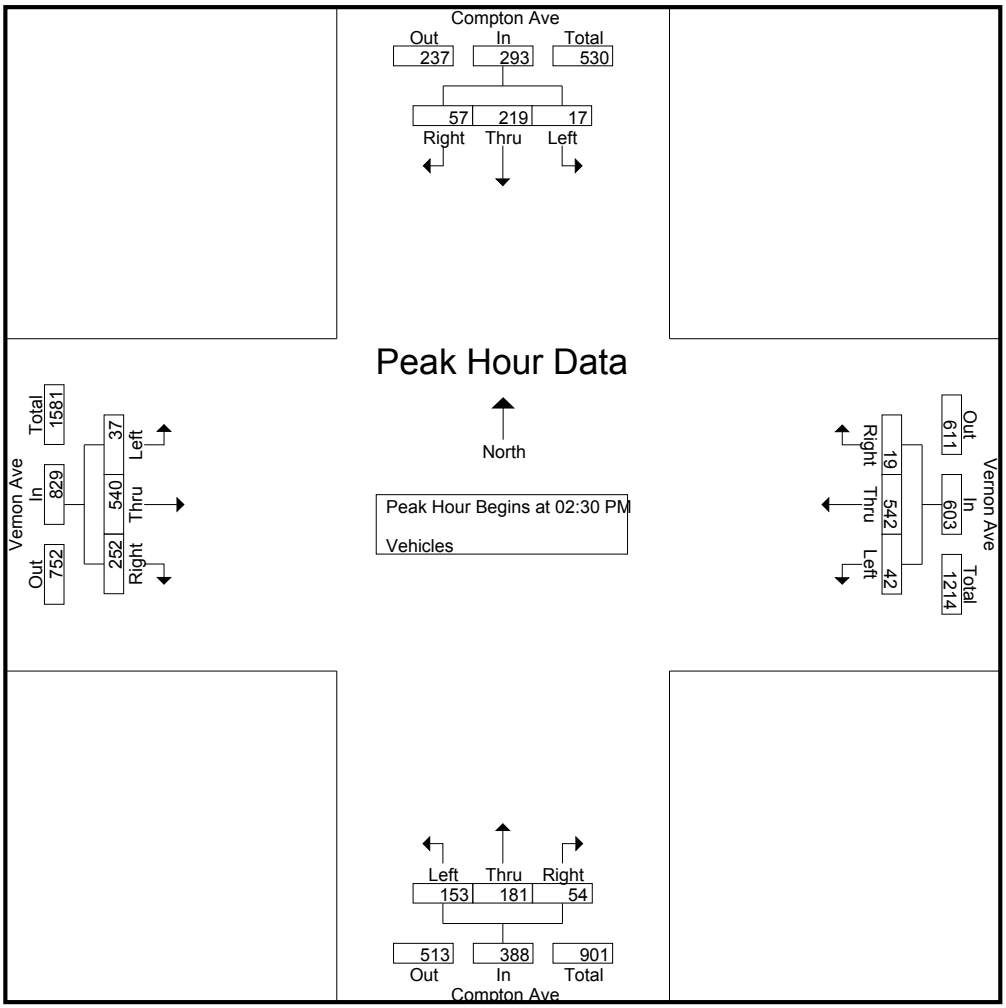
	Compton Ave Southbound				Vernon Ave Westbound				Compton Ave Northbound				Vernon Ave Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 03:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 02:30 PM																	
02:30 PM	3	50	12	65	6	113	**5**	124	39	37	16	92	9	**152**	52	213	494
02:45 PM	2	**61**	8	71	8	143	4	155	**49**	47	8	**104**	9	117	**67**	193	523
03:00 PM	5	57	**26**	**88**	10	129	5	144	36	45	12	93	**11**	141	66	**218**	543
03:15 PM	**7**	51	11	69	**18**	**157**	5	**180**	29	**52**	**18**	99	8	130	67	205	**553**
Total Volume	17	219	57	293	42	542	19	603	153	181	54	388	37	540	252	829	2113
% App. Total	5.8	74.7	19.5		7	89.9	3.2		39.4	46.6	13.9		4.5	65.1	30.4		
PHF	.607	.898	.548	.832	.583	.863	.950	.838	.781	.870	.750	.933	.841	.888	.940	.951	.955



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Groups Printed- Bikes & Peds

	Compton Ave Southbound		Vernon Ave Westbound		Compton Ave Northbound		Vernon Ave Eastbound		
Start Time	Bikes	Peds	Bikes	Peds	Bikes	Peds	Bikes	Peds	Int. Total
07:00 AM	10	21	1	29	1	21	0	8	91
07:15 AM	6	20	1	23	2	54	2	17	125
07:30 AM	4	82	0	83	0	145	3	114	431
07:45 AM	2	29	2	41	0	68	1	43	186
Total	22	152	4	176	3	288	6	182	833
08:00 AM	3	4	0	13	0	27	2	5	54
08:15 AM	4	6	0	21	0	21	1	1	54
08:30 AM	4	9	0	18	3	20	0	2	56
08:45 AM	1	8	0	15	0	6	0	5	35
Total	12	27	0	67	3	74	3	13	199
01:30 PM	0	5	0	2	2	8	1	4	22
01:45 PM	6	11	1	8	0	4	0	9	39
Total	6	16	1	10	2	12	1	13	61
02:00 PM	1	54	0	28	3	44	1	98	229
02:15 PM	1	47	1	97	1	186	0	105	438
02:30 PM	2	24	1	40	2	37	1	26	133
02:45 PM	4	11	0	14	1	12	0	8	50
Total	8	136	2	179	7	279	2	237	850
03:00 PM	1	17	0	18	2	19	0	19	76
03:15 PM	1	21	1	30	3	27	0	9	92
Grand Total	50	369	8	480	20	699	12	473	2111
Apprch %	11.9	88.1	1.6	98.4	2.8	97.2	2.5	97.5	
Total %	2.4	17.5	0.4	22.7	0.9	33.1	0.6	22.4	

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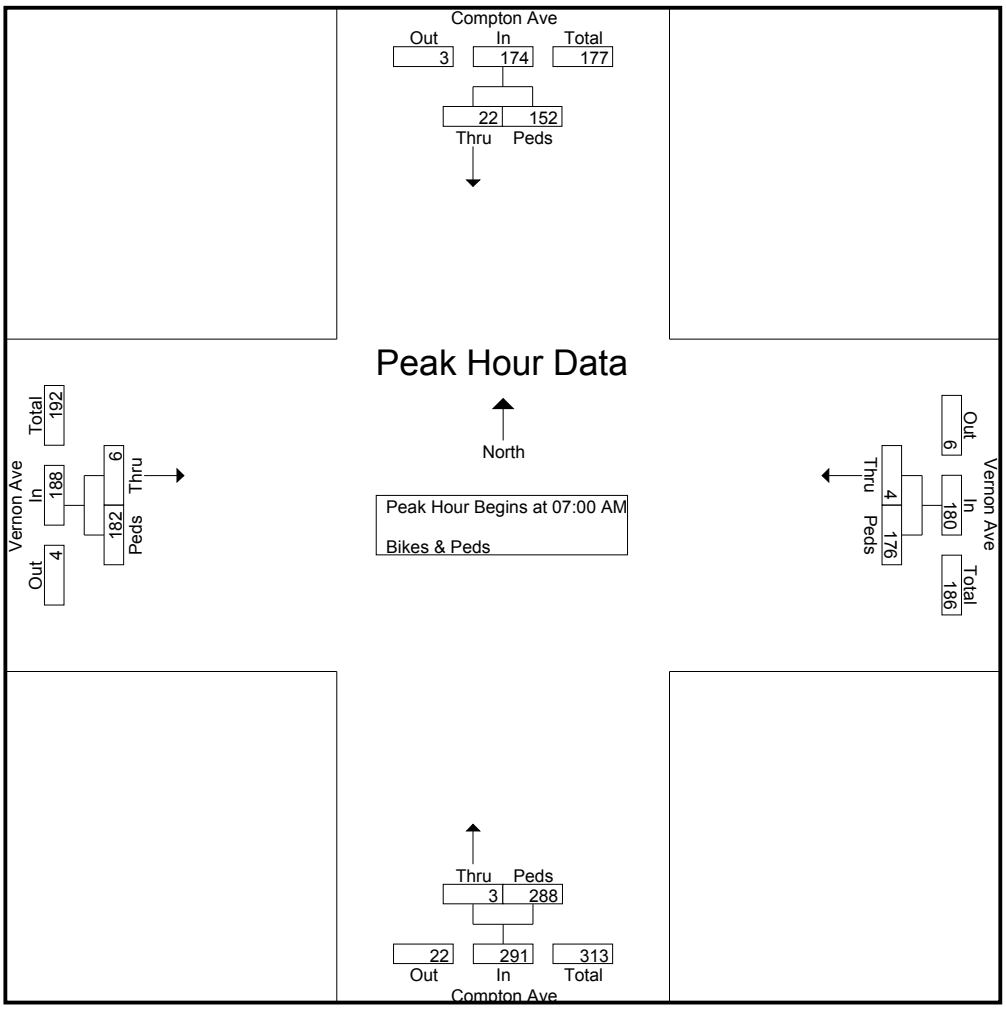
	Compton Ave Southbound			Vernon Ave Westbound			Compton Ave Northbound			Vernon Ave Eastbound			
Start Time	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 AM													
07:00 AM	**10**	21	31	1	29	30	1	21	22	0	8	8	91
07:15 AM	6	20	26	1	23	24	**2**	54	56	2	17	19	125
07:30 AM	4	**82**	**86**	0	**83**	**83**	0	**145**	**145**	**3**	**114**	**117**	**431**
07:45 AM	2	29	31	**2**	41	43	0	68	68	1	43	44	186
Total Volume	22	152	174	4	176	180	3	288	291	6	182	188	833
% App. Total	12.6	87.4		2.2	97.8		1	99		3.2	96.8		
PHF	.550	.463	.506	.500	.530	.542	.375	.497	.502	.500	.399	.402	.483



CITY TRAFFIC COUNTERS

WWW.CTCOUNTERS.COM

File Name : Compton_Vernon_BP
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Start Date : 11/28/2018
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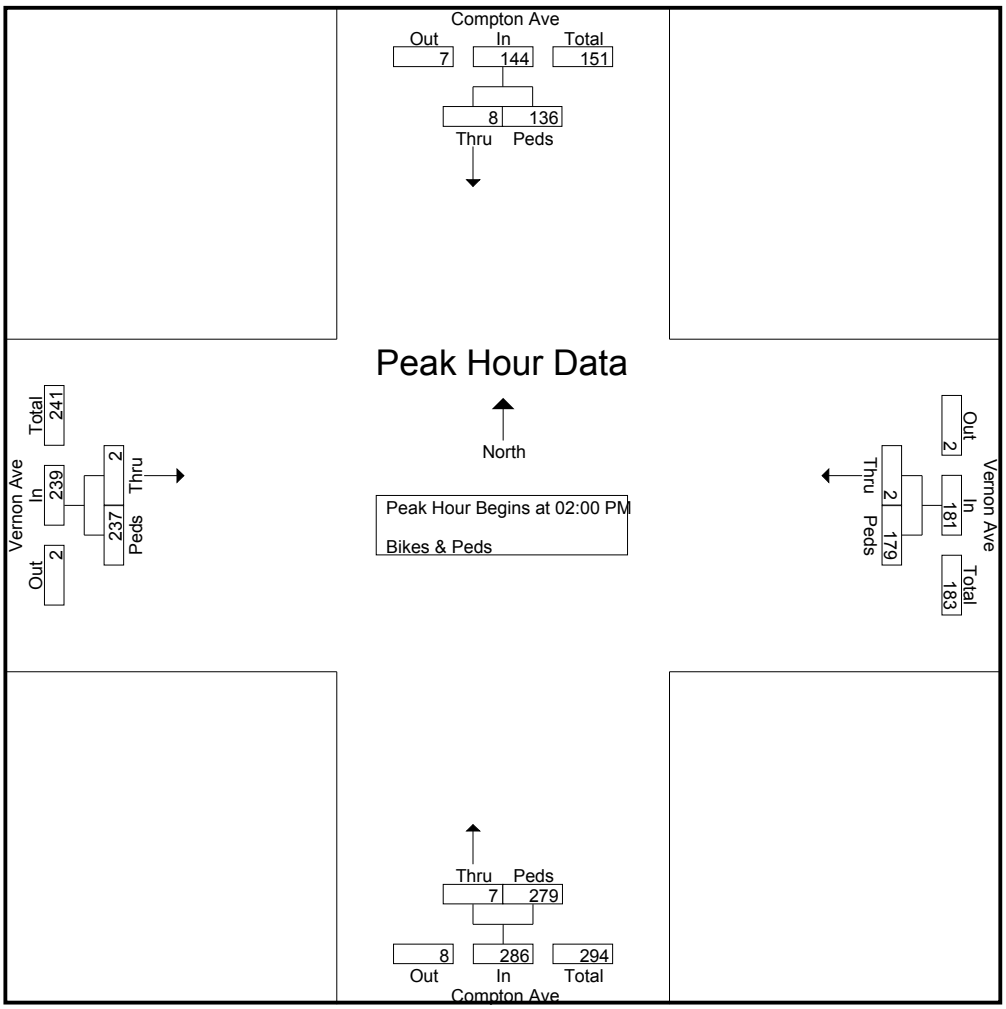
	Compton Ave Southbound			Vernon Ave Westbound			Compton Ave Northbound			Vernon Ave Eastbound			
Start Time	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 03:15 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 02:00 PM													
02:00 PM	1	**54**	**55**	0	28	28	**3**	44	47	**1**	98	99	229
02:15 PM	1	47	48	**1**	**97**	**98**	1	**186**	**187**	0	**105**	**105**	**438**
02:30 PM	2	24	26	1	40	41	2	37	39	1	26	27	133
02:45 PM	**4**	11	15	0	14	14	1	12	13	0	8	8	50
Total Volume	8	136	144	2	179	181	7	279	286	2	237	239	850
% App. Total	5.6	94.4		1.1	98.9		2.4	97.6		0.8	99.2		
PHF	.500	.630	.655	.500	.461	.462	.583	.375	.382	.500	.564	.569	.485



CITY TRAFFIC COUNTERS

WWW.CTCOUNTERS.COM

File Name : Compton_45th
Site Code : 00000000
Start Date : 11/28/2018
Page No : 1

Groups Printed- Vehicles

	Compton Ave Southbound			45th Street Westbound			Compton Ave Northbound			45th Street Eastbound			
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Int. Total
07:00 AM	1	52	2	3	0	11	1	236	3	0	0	1	310
07:15 AM	4	61	12	5	0	9	8	234	0	2	0	2	337
07:30 AM	6	50	31	4	0	11	25	248	5	12	0	26	418
07:45 AM	5	91	27	2	0	8	25	245	8	7	0	30	448
Total	16	254	72	14	0	39	59	963	16	21	0	59	1513
08:00 AM	5	95	4	2	0	9	5	244	11	4	0	6	385
08:15 AM	3	64	2	1	0	10	2	219	0	0	0	0	301
08:30 AM	3	59	2	0	0	6	0	191	4	2	0	1	268
08:45 AM	3	48	0	4	0	4	2	148	1	1	0	1	212
Total	14	266	8	7	0	29	9	802	16	7	0	8	1166
01:30 PM	3	71	3	2	0	3	3	84	2	2	1	1	175
01:45 PM	4	64	4	4	0	6	9	89	0	0	0	1	181
Total	7	135	7	6	0	9	12	173	2	2	1	2	356
02:00 PM	0	82	8	4	0	4	3	86	1	2	0	0	190
02:15 PM	6	105	5	4	0	4	2	77	6	12	0	17	238
02:30 PM	3	94	2	1	0	7	3	87	4	7	0	5	213
02:45 PM	5	112	5	1	0	9	0	98	5	4	0	2	241
Total	14	393	20	10	0	24	8	348	16	25	0	24	882
03:00 PM	9	122	1	5	0	6	1	95	4	1	0	1	245
03:15 PM	6	118	2	2	0	3	0	110	3	1	0	0	245
Grand Total	66	1288	110	44	0	110	89	2491	57	57	1	94	4407
Apprch %	4.5	88	7.5	28.6	0	71.4	3.4	94.5	2.2	37.5	0.7	61.8	
Total %	1.5	29.2	2.5	1	0	2.5	2	56.5	1.3	1.3	0	2.1	

CITY TRAFFIC COUNTERS

WWW.CTCOUNTERS.COM

File Name : Compton_45th
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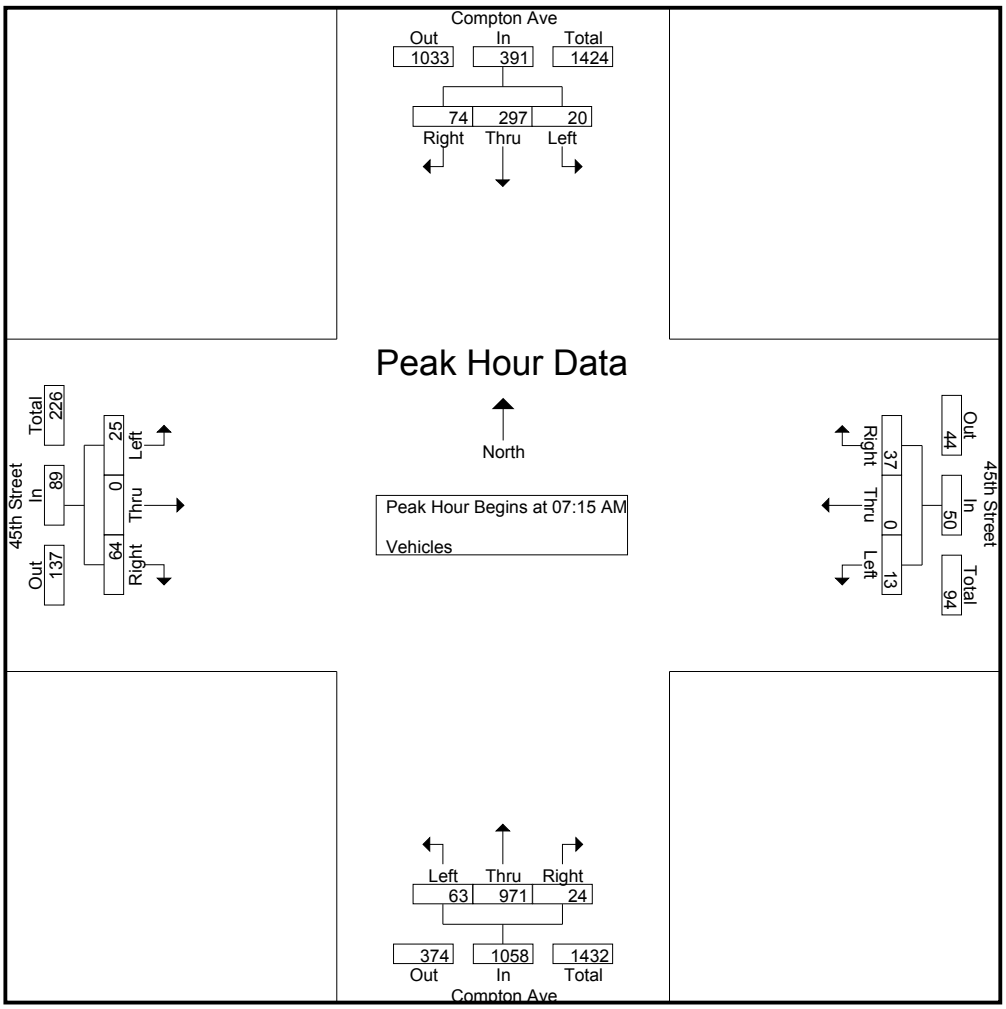
	Compton Ave Southbound				45th Street Westbound				Compton Ave Northbound				45th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	4	61	12	77	**5**	0	9	14	8	234	0	242	2	0	2	4	337
07:30 AM	**6**	50	**31**	87	4	0	**11**	**15**	**25**	**248**	5	**278**	**12**	0	26	**38**	418
07:45 AM	5	91	27	**123**	2	0	8	10	25	245	8	278	7	0	**30**	37	**448**
08:00 AM	5	**95**	4	104	2	0	9	11	5	244	**11**	260	4	0	6	10	385
Total Volume	20	297	74	391	13	0	37	50	63	971	24	1058	25	0	64	89	1588
% App. Total	5.1	76	18.9		26	0	74		6	91.8	2.3		28.1	0	71.9		
PHF	.833	.782	.597	.795	.650	.000	.841	.833	.630	.979	.545	.951	.521	.000	.533	.586	.886



CITY TRAFFIC COUNTERS

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File Name : Compton_45th
Site Code : 00000000
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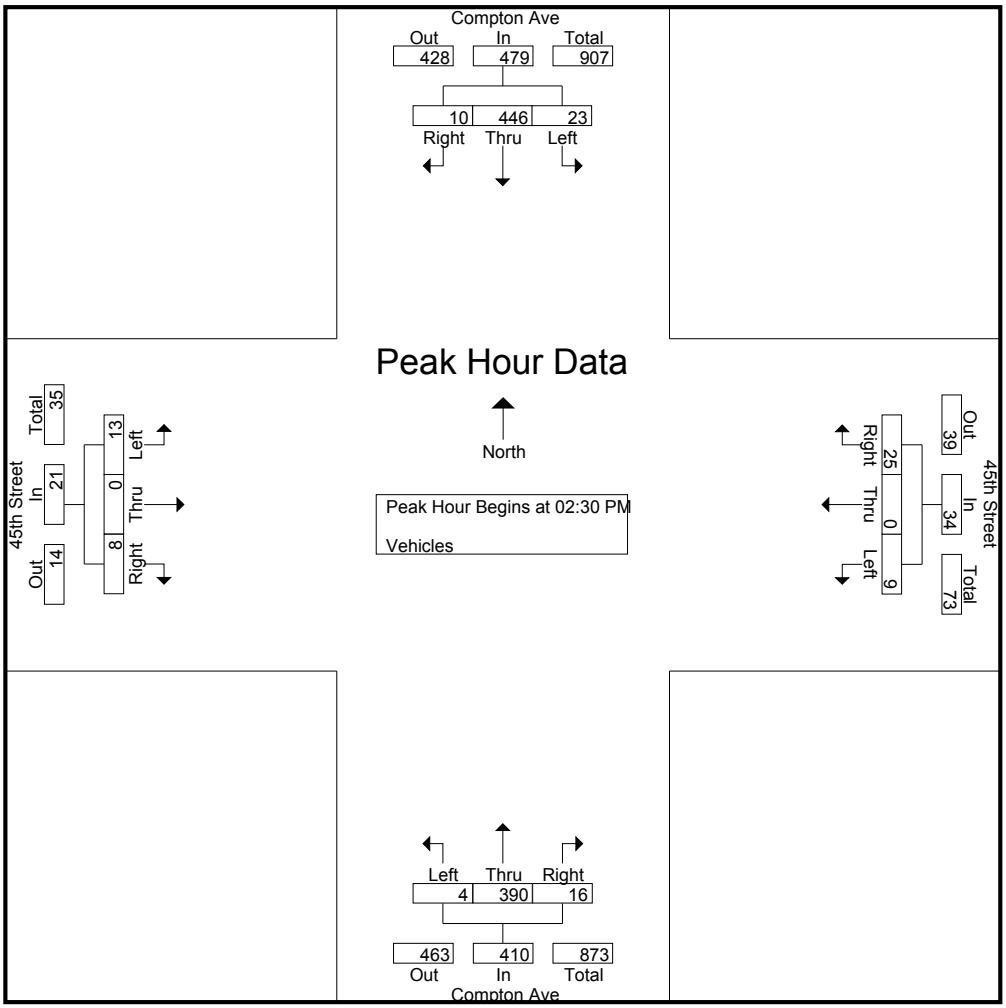
	Compton Ave Southbound				45th Street Westbound				Compton Ave Northbound				45th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 03:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 02:30 PM																	
02:30 PM	3	94	2	99	1	0	7	8	**3**	87	4	94	**7**	0	**5**	**12**	213
02:45 PM	5	112	**5**	122	1	0	**9**	10	0	98	**5**	103	4	0	2	6	241
03:00 PM	**9**	**122**	1	**132**	**5**	0	6	**11**	1	95	4	100	1	0	1	2	**245**
03:15 PM	6	118	2	126	2	0	3	5	0	**110**	3	**113**	1	0	0	1	245
Total Volume	23	446	10	479	9	0	25	34	4	390	16	410	13	0	8	21	944
% App. Total	4.8	93.1	2.1		26.5	0	73.5		1	95.1	3.9		61.9	0	38.1		
PHF	.639	.914	.500	.907	.450	.000	.694	.773	.333	.886	.800	.907	.464	.000	.400	.438	.963



CITY TRAFFIC COUNTERS

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File Name : Compton_45th_BP
Site Code : 00000000
Start Date : 11/28/2018
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Groups Printed- Bikes & Peds

	Compton Ave Southbound		45th Street Westbound		Compton Ave Northbound		45th Street Eastbound		
Start Time	Bikes	Peds	Bikes	Peds	Bikes	Peds	Bikes	Peds	Int. Total
07:00 AM	0	0	1	11	0	1	1	3	17
07:15 AM	0	0	1	15	0	4	2	22	44
07:30 AM	0	2	0	11	0	6	3	76	98
07:45 AM	0	0	1	12	0	18	1	34	66
Total	0	2	3	49	0	29	7	135	225
08:00 AM	0	0	0	1	0	2	1	7	11
08:15 AM	0	0	0	13	0	1	1	2	17
08:30 AM	0	0	0	17	0	0	0	8	25
08:45 AM	0	1	1	10	0	4	3	6	25
Total	0	1	1	41	0	7	5	23	78
01:30 PM	0	0	0	3	0	3	1	3	10
01:45 PM	0	0	0	1	0	2	0	2	5
Total	0	0	0	4	0	5	1	5	15
02:00 PM	0	6	0	5	0	12	1	52	76
02:15 PM	0	0	0	7	0	38	1	135	181
02:30 PM	0	0	0	4	0	0	2	64	70
02:45 PM	0	0	0	5	0	2	0	6	13
Total	0	6	0	21	0	52	4	257	340
03:00 PM	0	0	0	7	0	0	2	6	15
03:15 PM	0	0	0	12	0	1	2	10	25
Grand Total	0	9	4	134	0	94	21	436	698
Apprch %	0	100	2.9	97.1	0	100	4.6	95.4	
Total %	0	1.3	0.6	19.2	0	13.5	3	62.5	

CITY TRAFFIC COUNTERS

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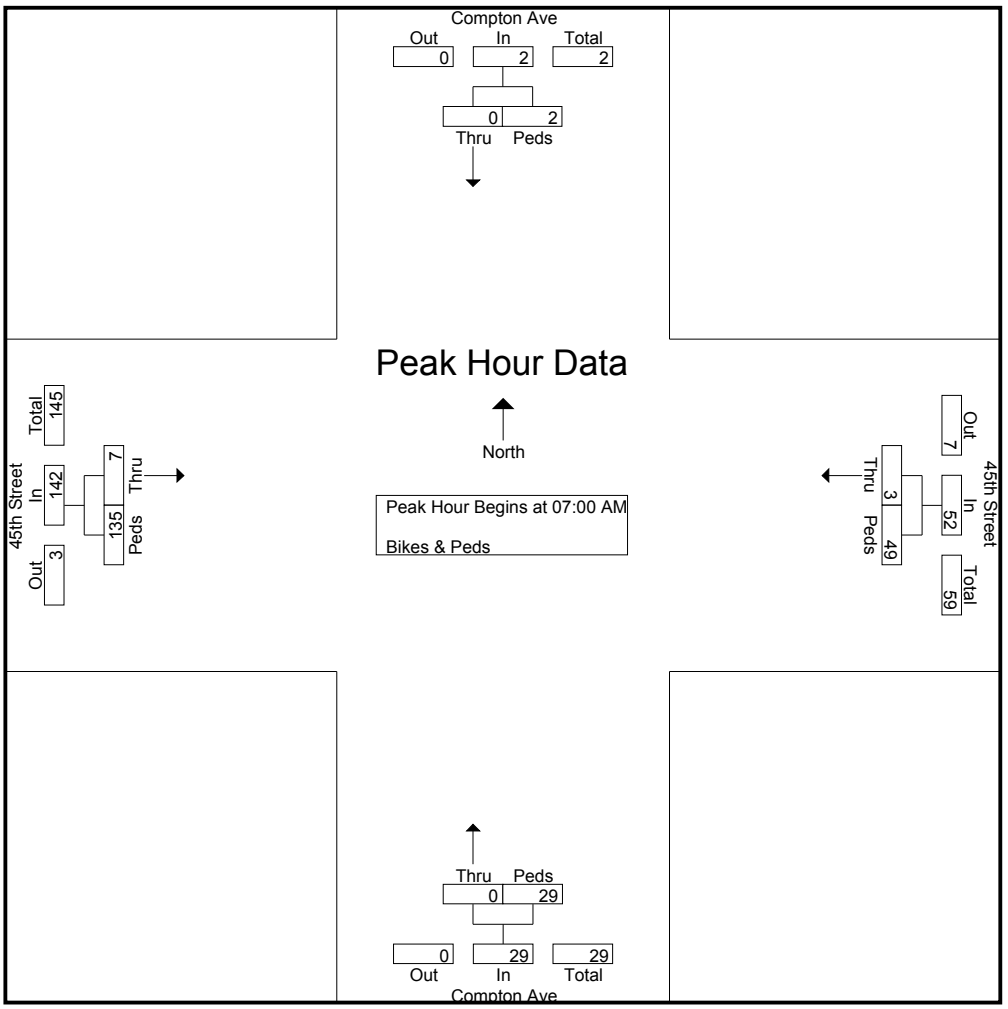
	Compton Ave Southbound			45th Street Westbound			Compton Ave Northbound			45th Street Eastbound			
Start Time	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 AM													
07:00 AM	0	0	0	**1**	11	12	0	1	1	1	3	4	17
07:15 AM	0	0	0	1	**15**	**16**	0	4	4	2	22	24	44
07:30 AM	0	**2**	**2**	0	11	11	0	6	6	**3**	**76**	**79**	**98**
07:45 AM	0	0	0	1	12	13	0	**18**	**18**	1	34	35	66
Total Volume	0	2	2	3	49	52	0	29	29	7	135	142	225
% App. Total	0	100		5.8	94.2		0	100		4.9	95.1		
PHF	.000	.250	.250	.750	.817	.813	.000	.403	.403	.583	.444	.449	.574



CITY TRAFFIC COUNTERS

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File Name : Compton_45th_BP
Site Code : 00000000
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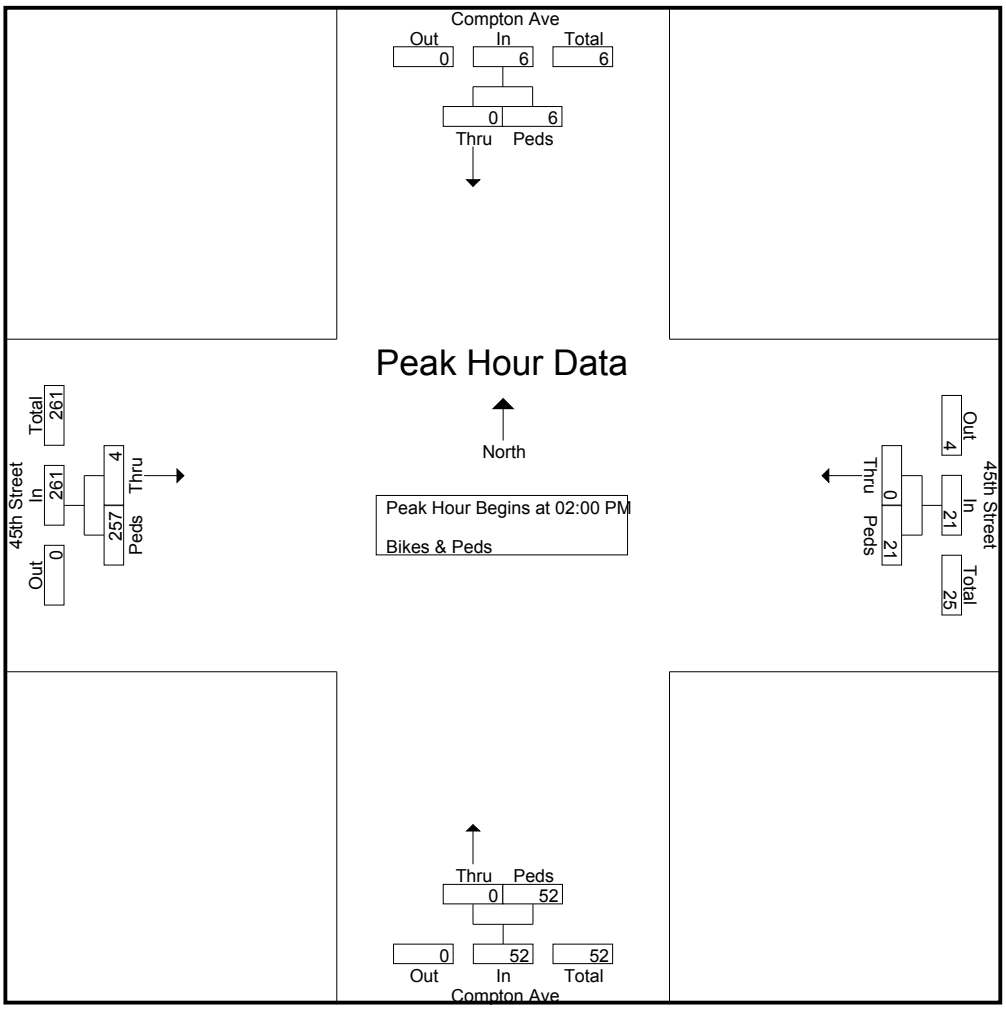
	Compton Ave Southbound			45th Street Westbound			Compton Ave Northbound			45th Street Eastbound			
Start Time	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 03:15 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 02:00 PM													
02:00 PM	0	**6**	**6**	0	5	5	0	12	12	1	52	53	76
02:15 PM	0	0	0	0	**7**	**7**	0	**38**	**38**	1	**135**	**136**	**181**
02:30 PM	0	0	0	0	4	4	0	0	0	**2**	64	66	70
02:45 PM	0	0	0	0	5	5	0	2	2	0	6	6	13
Total Volume	0	6	6	0	21	21	0	52	52	4	257	261	340
% App. Total	0	100		0	100		0	100		1.5	98.5		
PHF	.000	.250	.250	.000	.750	.750	.000	.342	.342	.500	.476	.480	.470



CITY TRAFFIC COUNTERS

WWW.CTCOUNTERS.COM

File Name : Compton_46th
Site Code : 00000000
Start Date : 11/28/2018
Page No : 1

Groups Printed- Vehicles

	Compton Ave Southbound			46th Street Westbound			Compton Ave Northbound			46th Street Eastbound			
Start Time	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Left	Thru	Right	Int. Total
07:00 AM	4	55	1	0	2	7	8	235	4	2	0	6	324
07:15 AM	4	66	1	2	1	4	13	219	4	0	1	5	320
07:30 AM	6	83	6	1	2	10	11	249	6	2	2	10	388
07:45 AM	5	113	8	1	0	8	12	229	4	3	0	14	397
Total	19	317	16	4	5	29	44	932	18	7	3	35	1429
08:00 AM	13	92	3	6	2	11	7	238	10	1	1	3	387
08:15 AM	3	65	2	1	1	6	4	197	7	2	3	12	303
08:30 AM	2	61	0	0	1	7	4	175	5	3	1	7	266
08:45 AM	4	43	4	2	0	6	4	143	5	2	0	1	214
Total	22	261	9	9	4	30	19	753	27	8	5	23	1170
01:30 PM	3	68	3	1	0	6	2	80	3	2	1	6	175
01:45 PM	1	58	6	1	2	2	2	85	1	0	0	9	167
Total	4	126	9	2	2	8	4	165	4	2	1	15	342
02:00 PM	2	72	4	2	2	0	9	91	3	0	0	5	190
02:15 PM	4	104	7	1	0	5	5	81	1	1	1	7	217
02:30 PM	3	109	4	0	1	4	8	83	2	1	0	8	223
02:45 PM	2	106	2	1	0	1	1	87	1	4	2	7	214
Total	11	391	17	4	3	10	23	342	7	6	3	27	844
03:00 PM	2	119	2	6	0	2	6	100	3	1	1	11	253
03:15 PM	4	132	0	3	2	3	6	104	5	1	1	6	267
Grand Total	62	1346	53	28	16	82	102	2396	64	25	14	117	4305
Apprch %	4.2	92.1	3.6	22.2	12.7	65.1	4	93.5	2.5	16	9	75	
Total %	1.4	31.3	1.2	0.7	0.4	1.9	2.4	55.7	1.5	0.6	0.3	2.7	

CITY TRAFFIC COUNTERS

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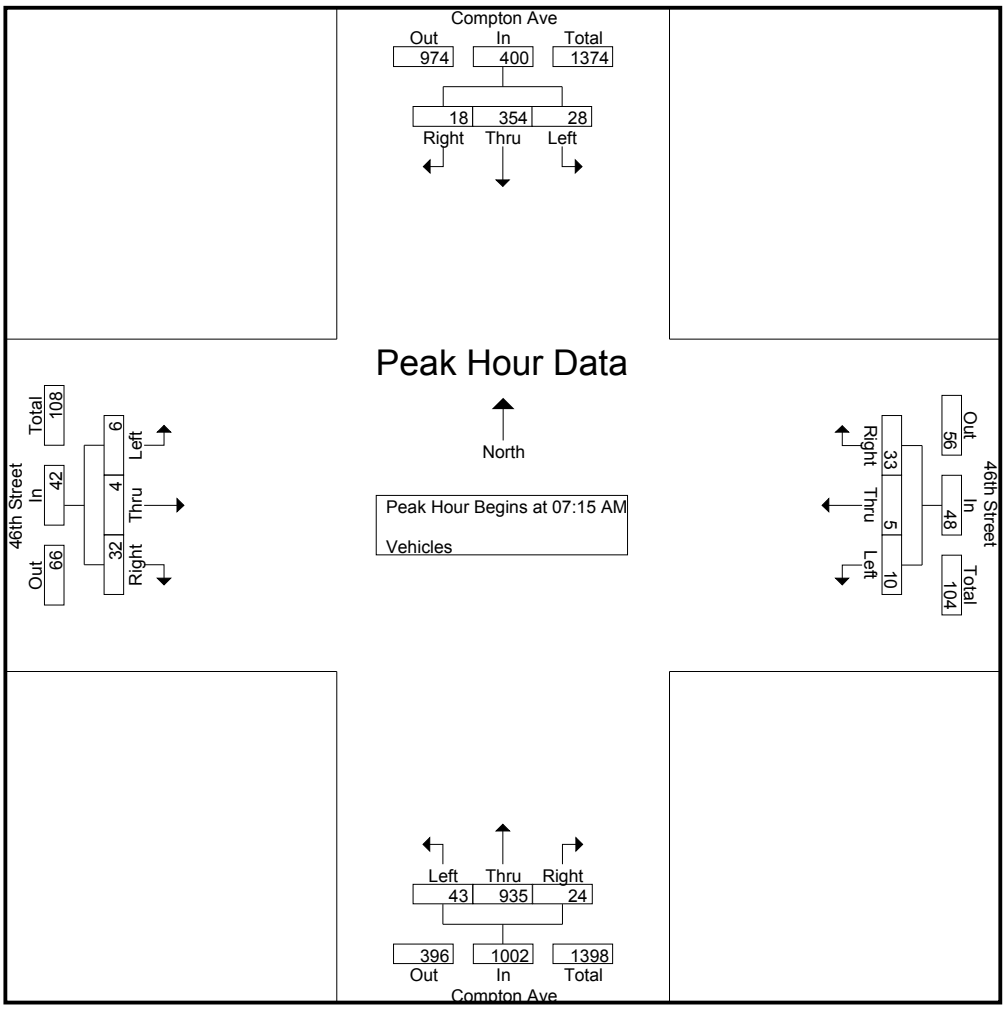
	Compton Ave Southbound				46th Street Westbound				Compton Ave Northbound				46th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15 AM																	
07:15 AM	4	66	1	71	2	1	4	7	**13**	219	4	236	0	1	5	6	320
07:30 AM	6	83	6	95	1	**2**	10	13	11	**249**	6	**266**	2	**2**	10	14	388
07:45 AM	5	**113**	**8**	**126**	1	0	8	9	12	229	4	245	**3**	0	**14**	**17**	**397**
08:00 AM	**13**	92	3	108	**6**	2	**11**	**19**	7	238	**10**	255	1	1	3	5	387
Total Volume	28	354	18	400	10	5	33	48	43	935	24	1002	6	4	32	42	1492
% App. Total	7	88.5	4.5		20.8	10.4	68.8		4.3	93.3	2.4		14.3	9.5	76.2		
PHF	.538	.783	.563	.794	.417	.625	.750	.632	.827	.939	.600	.942	.500	.500	.571	.618	.940



CITY TRAFFIC COUNTERS

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File Name : Compton_46th
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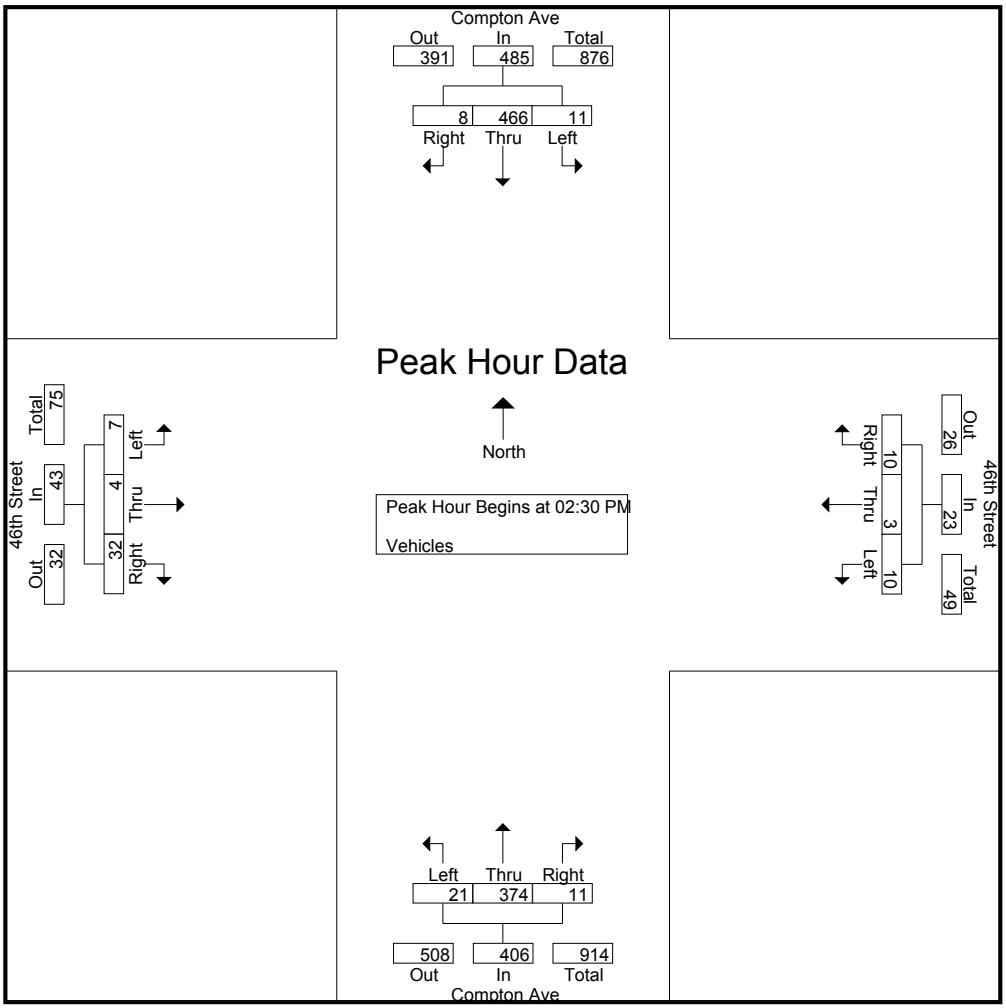
	Compton Ave Southbound				46th Street Westbound				Compton Ave Northbound				46th Street Eastbound				
Start Time	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 03:15 PM - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 02:30 PM																	
02:30 PM	3	109	**4**	116	0	1	**4**	5	**8**	83	2	93	1	0	8	9	223
02:45 PM	2	106	2	110	1	0	1	2	1	87	1	89	**4**	**2**	7	**13**	214
03:00 PM	2	119	2	123	**6**	0	2	**8**	6	100	3	109	1	1	**11**	13	253
03:15 PM	**4**	**132**	0	**136**	3	**2**	3	8	6	**104**	**5**	**115**	1	1	6	8	**267**
Total Volume	11	466	8	485	10	3	10	23	21	374	11	406	7	4	32	43	957
% App. Total	2.3	96.1	1.6		43.5	13	43.5		5.2	92.1	2.7		16.3	9.3	74.4		
PHF	.688	.883	.500	.892	.417	.375	.625	.719	.656	.899	.550	.883	.438	.500	.727	.827	.896



CITY TRAFFIC COUNTERS

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File Name : Compton_46th_BP
Site Code : 00000000
Start Date : 11/28/2018
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Groups Printed- Bikes & Peds

	Compton Ave Southbound		46th Street Westbound		Compton Ave Northbound		46th Street Eastbound		
Start Time	Bikes	Peds	Bikes	Peds	Bikes	Peds	Bikes	Peds	Int. Total
07:00 AM	0	9	2	19	0	1	0	8	39
07:15 AM	0	23	0	13	1	1	2	16	56
07:30 AM	0	90	0	57	1	0	3	44	195
07:45 AM	0	52	1	41	2	0	2	34	132
Total	0	174	3	130	4	2	7	102	422
08:00 AM	0	6	0	12	1	0	1	3	23
08:15 AM	0	5	0	14	0	0	1	2	22
08:30 AM	1	5	0	13	0	0	0	4	23
08:45 AM	0	14	1	25	2	0	3	2	47
Total	1	30	1	64	3	0	5	11	115
01:30 PM	0	3	0	7	0	3	1	0	14
01:45 PM	0	4	1	3	2	0	0	8	18
Total	0	7	1	10	2	3	1	8	32
02:00 PM	0	25	1	18	1	0	2	12	59
02:15 PM	0	86	1	43	1	1	1	35	168
02:30 PM	0	43	0	51	0	0	2	21	117
02:45 PM	0	3	0	12	0	0	0	6	21
Total	0	157	2	124	2	1	5	74	365
03:00 PM	0	1	0	5	0	0	1	3	10
03:15 PM	0	5	0	11	0	0	0	8	24
Grand Total	1	374	7	344	11	6	19	206	968
Apprch %	0.3	99.7	2	98	64.7	35.3	8.4	91.6	
Total %	0.1	38.6	0.7	35.5	1.1	0.6	2	21.3	

CITY TRAFFIC COUNTERS

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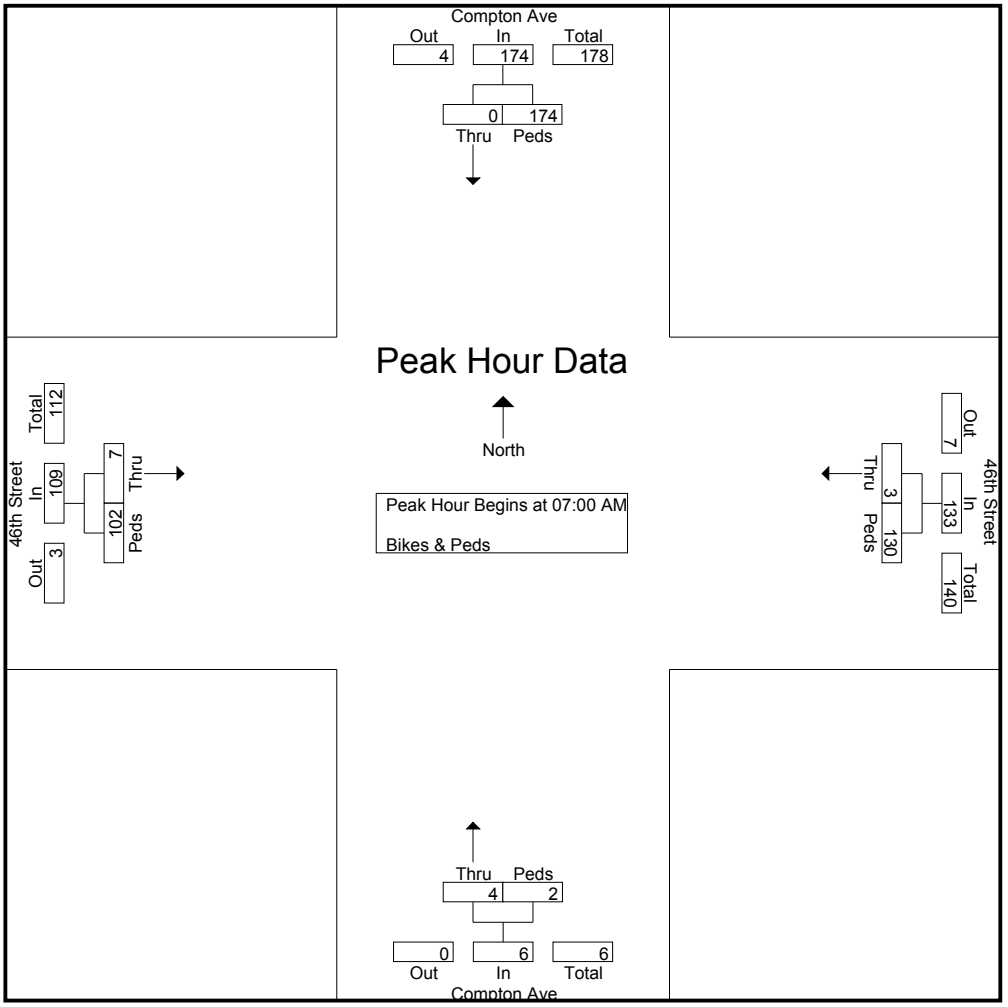
	Compton Ave Southbound			46th Street Westbound			Compton Ave Northbound			46th Street Eastbound			
Start Time	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Int. Total
Peak Hour Analysis From 07:00 AM to 11:45 AM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 07:00 AM													
07:00 AM	0	9	9	**2**	19	21	0	**1**	1	0	8	8	39
07:15 AM	0	23	23	0	13	13	1	1	**2**	2	16	18	56
07:30 AM	0	**90**	**90**	0	**57**	**57**	1	0	1	**3**	**44**	**47**	**195**
07:45 AM	0	52	52	1	41	42	**2**	0	2	2	34	36	132
Total Volume	0	174	174	3	130	133	4	2	6	7	102	109	422
% App. Total	0	100		2.3	97.7		66.7	33.3		6.4	93.6		
PHF	.000	.483	.483	.375	.570	.583	.500	.500	.750	.583	.580	.580	.541

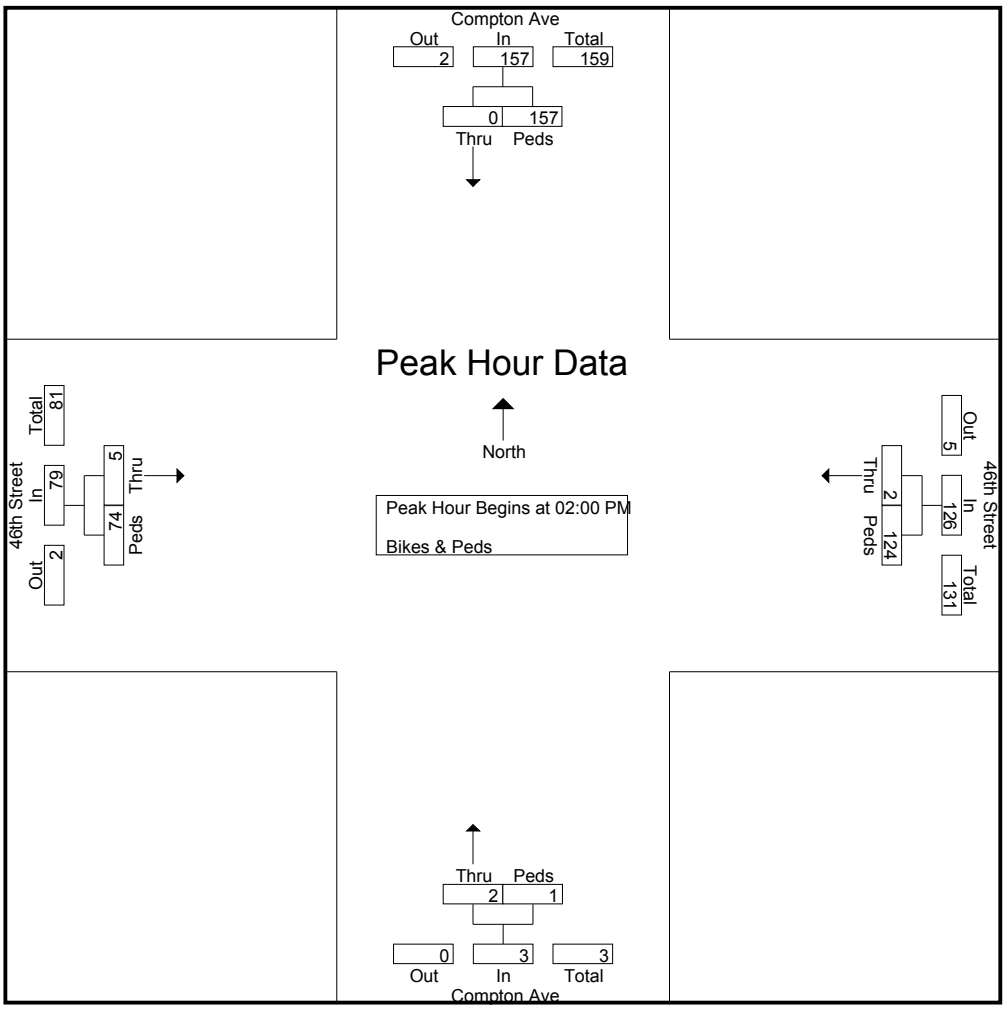


CITY TRAFFIC COUNTERS

WWW.CTCOUNTERS.COM

File Name : Compton_46th_BP
Site Code : 00000000
Start Date : 11/28/2018
Page No : 3

	Compton Ave Southbound			46th Street Westbound			Compton Ave Northbound			46th Street Eastbound			
Start Time	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Bikes	Peds	App. Total	Int. Total
Peak Hour Analysis From 12:00 PM to 03:15 PM - Peak 1 of 1													
Peak Hour for Entire Intersection Begins at 02:00 PM													
02:00 PM	0	25	25	**1**	18	19	**1**	0	1	**2**	12	14	59
02:15 PM	0	**86**	**86**	1	43	44	1	**1**	**2**	1	**35**	**36**	**168**
02:30 PM	0	43	43	0	**51**	**51**	0	0	0	2	21	23	117
02:45 PM	0	3	3	0	12	12	0	0	0	0	6	6	21
Total Volume	0	157	157	2	124	126	2	1	3	5	74	79	365
% App. Total	0	100		1.6	98.4		66.7	33.3		6.3	93.7		
PHF	.000	.456	.456	.500	.608	.618	.500	.250	.375	.625	.529	.549	.543



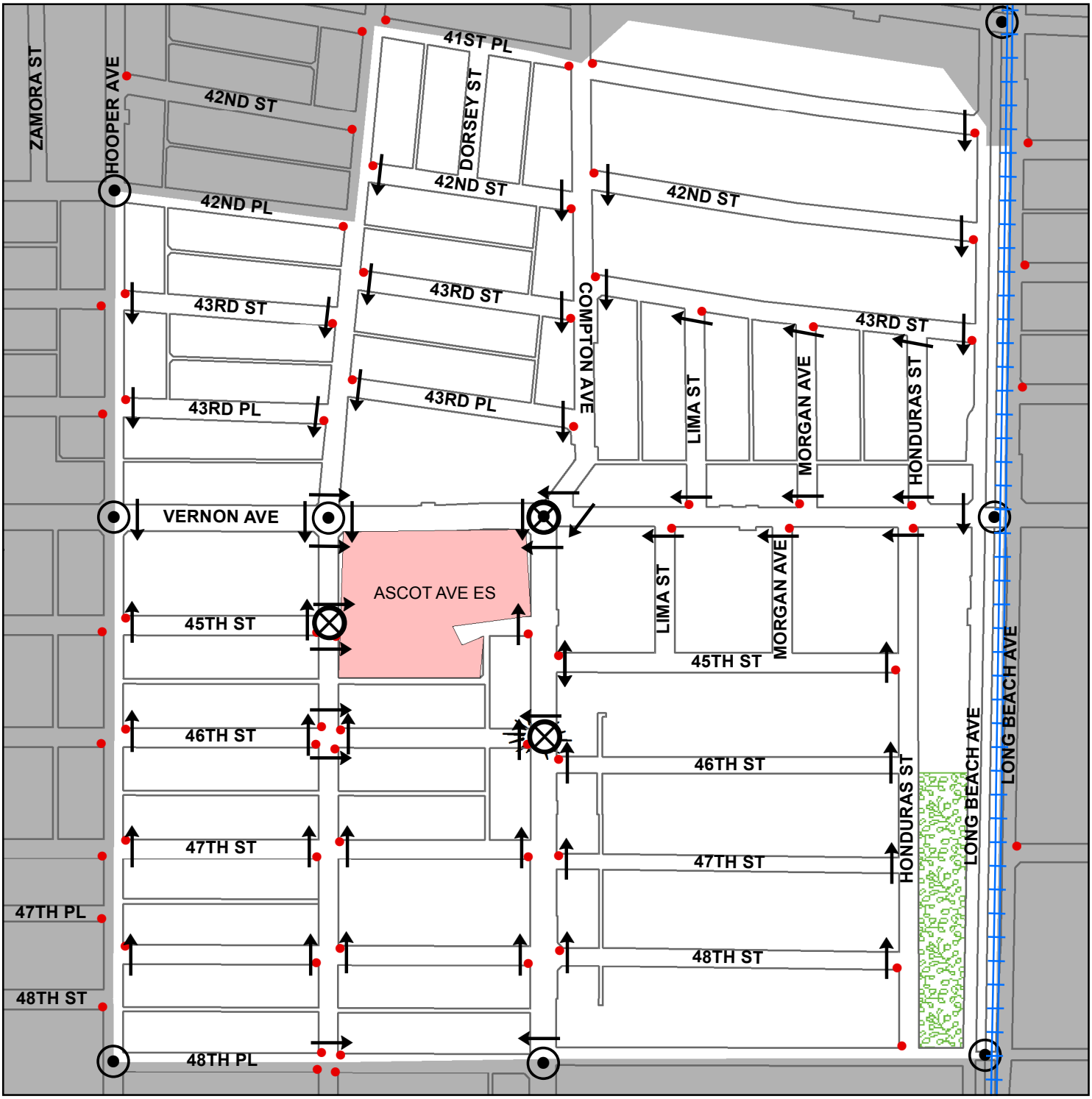
ATTACHMENT B

LADOT PEDESTRIAN ROUTES FOR ASCOT AVENUE ELEMENTARY SCHOOL

CITY OF LOS ANGELES - DEPARTMENT OF TRANSPORTATION

September 2016

PEDESTRIAN ROUTES FOR ASCOT AVENUE ELEMENTARY SCHOOL



Legend

- Recommended Crossing
- Stop Sign
- Traffic Signal
- Crossing Guard
- Flashing Warning Light
- Stairs or Walkway
- Pedestrian Bridge
- Pedestrian Tunnel
- Parks

N W E S

0 150 300
Feet

Parents:

This map shows the recommended crossings to be used from each block in your school attendance area. Following the arrows, select the best route from your home to the school and mark it with a colored pencil or crayon. This is the route your child should take. Instruct your child to use this route and to cross streets only at locations shown. You and your child should become familiar with the route by walking it together. Obey marked crosswalks, stop signs, traffic signals and other traffic controls. Crossing points have been located at these controls wherever possible, even though a longer walk may be necessary. Instruct your child to always look both ways before crossing the street. If no sidewalk exists, your child should walk facing traffic.

Estimados Padres:

Este mapa muestra los cruzados recomendados para los peatones de cada cuadra en la area de su escuela. Siguiendo las flechas en el mapa, selecione la ruta mas segura de su casa a la Escuela y marquelo con un lapis o tiza de color. Esta es la ruta que su hijo (a) debe de usar. Digale a su hijo (a) que use esta ruta y que cruce las calles solamente en los lugares indicados. Usted y su hijo (a) deberian de familiarizarce con esta ruta. Obedezcan los rotulos de peatones, de altos, semaforos y todos los señales de trafico. Puntos para cruzar estan localizados en areas controladas, aunque sea necesario de alargar el tiempo para cruzar. Instruye a su hijo (a) que siempre se fije de los dos lados antes de cruzar la calle. El estudiante debe de siempre caminar en la direccion opuesta del trafico si no existe una banqueta.