

Appendix B

Phase 1 Environmental Site Assessment

**PHASE 1 ENVIRONMENTAL SITE ASSESSMENT
WHITTIER AQUATICS CENTER, CALIFORNIA**

Prepared for:

**Aspen Environmental Group
5020 Chesebro Road, Suite 200
Agoura Hills, CA 91301**

Prepared by:

**HANA Resources
20361 Hermana Circle
Lake Forest, CA 92630**

Contact: Mr. Dale Schneeberger, PG, QSD

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Certification Statement and Limitations

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.

It should be recognized that this study was not intended to be a definitive investigation of potential contamination in the project area and the recommendations provided are not necessarily inclusive of all the possible conditions. This Phase I ESA is not a regulatory compliance audit or an evaluation of the efficiency of the use of any hazardous materials in the project area. Soil and/or groundwater sampling was not undertaken during this investigation. Sampling for asbestos, radon, lead-based paint, and lead in drinking water was also not performed as part of this Phase I ESA. Given that the scope for this investigation was limited, it is possible that currently unrecognized contamination might exist in the Project site.

The conclusions presented in this report are professional opinions based solely upon indicated data described in this report, visual observations of the Project site and vicinity, and HANA Resources' interpretation of the available historical information and documents reviewed, as described in this report. Unless HANA Resources has actual knowledge to the contrary, information obtained from interviews or provided to HANA Resources by the client has been assumed to be correct and complete. HANA Resources does not assume any liability for information that has been misrepresented to us by others or for items not visible, accessible or present in the Project site during the time of the field reconnaissance. The conclusions are intended exclusively for the purpose outlined herein and the Project location and Project indicated. The scope of services performed in execution of this investigation may not be appropriate to satisfy the needs of other users, and any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

Opinions and recommendations presented herein apply to the Project site conditions existing at the time of our investigation and cannot necessarily apply to Project site changes of which HANA Resources is not aware and has not had the opportunity to evaluate. Changes in the conditions in the Project site may occur with time due to natural processes or the works of man in the subject Project site or adjacent properties. Changes in applicable standards may also occur as a result of legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control. Opinions and judgments expressed herein are based on HANA Resources' understanding and interpretation of current regulatory standards and should not be construed as legal opinions.

Changes may occur after the date of issue of the report. Some examples of Project site condition changes that limit the useful life of this type of report are as follows: property usage changes, change in ownership, the occurrence of additional environmental releases, implementation of regulatory changes, updating of regulatory agency files, and/or development of new investigation or remediation results. These or other potential changes could affect the recommendations in this report. For the purposes of this evaluation, HANA Resources has assumed that regulatory agency cases that have been "closed" do not represent further potential hazardous materials risks.

Sincerely,

HANA Resources



Dale Schneeberger, MS, PG, QSD
Consulting Manager



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1.0 EXECUTIVE SUMMARY

HANA Resources (HANA) was contracted by Aspen Environmental Group (Aspen) to conduct a Phase I Environmental Site Assessment (Phase I ESA) in support of the proposed design and construction of a new aquatics facility located at an existing parking lot associated with Pioneer High School at street address of 10800 Ben Avon Street, Whittier, California (Project). The purpose of the Project is to provide additional swimming pool access by developing an existing parking lot at the north end of the high school site. The Los Angeles Board of Supervisors and the Whittier Union School Boards have identified as a high priority a local swimming facility at this location. The intent of this Phase I ESA is to screen for potential sources of hazardous materials within the limits of a proposed Project, and to identify sites that have the potential to affect the proposed Project with hazardous materials or waste from current or historical environmental conditions.

The proposed Project is situated within an urban environment approximately 1,600 feet east of the centerline of the San Gabriel River channel, southeast of the intersection of Washington Boulevard and Pioneer Boulevard. Land use surrounding the Project includes residential to the north and east, parking lot and existing high school to the south, and commercial to the west. In addition, a major transportation corridor, Interstate 605, is situated to the west. The Project site and surrounding area land use historically included agricultural and undeveloped land. Over time, the area experienced progressive development including single-family dwellings, some limited commercial buildings, and schools.

The area surrounding the proposed Project is on a lowland coastal plain, generally sloping gradually to the south-southwest. The area is tectonically and seismically active and includes parts of several major fault zones that characterize this region of southern California, including the San Andreas Fault System to the east. The closest known potentially active fault mapped by the California Geological Survey is the Newport-Inglewood Fault Zone located approximately seven miles southwest of the mid-point of the Project. The Project area is also located in an area designated as having the potential for liquefaction.

A review of the historic and publicly available databases indicates that the proposed Project site is situated on land that may contain pesticides, arsenic and lead (aerially deposited) constituents of concern.

2.0 PURPOSE, SCOPE AND METHODOLOGY

2.1 Purpose

HANA Resources (HANA) was contracted by Aspen Environmental Group (Aspen) to conduct a Phase I Environmental Site Assessment (Phase I ESA) in support of the proposed design and construction of a new aquatics facility (Project). The purpose of the Project is to provide additional swimming pool access by developing an existing parking lot at the north end of the school site. The Los Angeles Board of Supervisors and the Whittier Union School Board's have identified as a high priority a local swimming facility at this location. The purpose of this Phase I ESA is to identify sites that have the potential to affect the proposed Project with hazardous materials or waste from current or historical environmental conditions.

2.2 Scope

The scope of the Phase I ESA includes a site description, regional and site specific geology and hydrogeology, the type of operations and chemicals used, contaminants detected in all media sampled, maps, figures, cross-sections showing location of borings, soil vapor probes, and groundwater monitoring wells, contaminant source areas, lateral and vertical extent of contamination, summary of analytical results, remedial actions, and any other information available from the regulatory agency's files or records from other sources including interviews with knowledgeable parties as applicable/available. This Phase I ESA is prepared in conformance with the scope and limitations of ASTM Practice (E 1527-13).

2.3 Methodology

The intent of this Phase I ESA is to screen for potential sources of hazardous materials within the limits of the proposed Project. The result of this screening is a determination of whether there is a potential that hazardous materials problems requiring further evaluation affect the project area. This includes identification of recognized environmental conditions (REC), historical recognized environmental conditions (HREC), and controlled recognized environmental conditions (CREC) from present and past activities for selected sites and adjacent properties. For the purposes of this Phase I ESA, hazardous materials are defined as those substances listed as hazardous or extremely hazardous in Title 22 of the California Code of Regulations.

The preparation of the Phase I ESA included the following steps:

- HANA contracted with Environmental Data Resources, Inc. (EDR) to conduct an electronic regulatory database search of known potential hazardous materials sites, including underground storage tanks (USTs); landfills; hazardous waste generation, treatment, storage, and disposal facilities; and subsurface contamination within an area extending to 1.0 mile from the Project. A copy of the EDR Radius Map™ Report with GeoCheck is provided as **Appendix A**.
- HANA staff visited the Project site to perform a site reconnaissance. A summary of this reconnaissance is provided in various sections of this report (Sections 3.3 & 3.4); a photographic log is provided as **Appendix B**.
- HANA staff reviewed available historic aerial photographs covering the Project site and adjacent areas. The available historical aerial photographs reviewed is provided as **Appendix C** and a summary of the findings are included in Sections 3.5, 4.1 and 4.2.5.
- HANA reviewed available historic topographic maps covering the Project site and adjacent areas. The available historic topographic maps reviewed is provided as **Appendix D** and a summary of the findings are included in Sections 3.5, 4.1 and 4.2.5.
- HANA requested available Sanborn maps covering the Project site and adjacent areas. According to their database search, there are no Sanborn maps available as discussed in Sections 3.5 and 4.1. A copy of their certification is provided as **Appendix E**.
- HANA staff reviewed building permit, environmental lien, and property tax map reports for the Project site and adjoining area. There are no building permits identified for the Project site; numerous permits are identified for the adjoining properties dating back to 1996 as described in Section 4.1. There are no environmental liens (Section 3.4) or other activity and use limitations identified for the Project site. The property tax map is consistent with other site location and boundary documents as described in Section 4.1. A copy of these reports is provided as **Appendix F**.
- HANA staff reviewed the applicable available files from the **ENVIROSTOR** and **GeoTracker** web-based databases maintained by the California Department of Toxic Substances Control (DTSC) and Los Angeles Regional Water Quality Control Board (RWQCB), respectively. The applicable files reviewed are those identified in the EDR Radius Map™ Report with GeoCheck as described in Section 4.1 and **Appendix A**.
- HANA staff reviewed city directories assembled by EDR as discussed in Section 4.2.2. A copy of the report is provided in **Appendix G**.
- HANA reviewed previous environmental documents for work performed south of the Project site on land owned by the same property owner. Copies of these reports are provided as **Appendix H**. In addition, document review requests to selected regulatory agencies were submitted; copies of the requests for information and the agency responses are included in Appendix K of the previous Phase I ESA and is discussed in Section 5.

3.0 PROJECT DESCRIPTION

3.1 Location

The proposed Project site is situated within an urban environmental setting. The Project address is identified as 10800 Ben Avon Street, within the unincorporated community of West Whittier-Los Nietos, California neighboring the City of Pico Rivera, Los Angeles County, California. However, the street name and number are associated with the high school address several hundred feet to the south of the center point of the Project site. The western boundary is located approximately 230 feet east of Interstate 605, approximately 1,570 feet east of the centerline of the San Gabriel River channel and 2.4 miles north of Interstate 5. A Project location map is provided in **Figure 3-1**.

The area surrounding the Project includes numerous buildings and considerable surface paving including a freeway, boulevards and streets, sidewalks, parking areas and green spaces associated with schools. Land use surrounding the Project includes residential to the north and east, a parking lot and existing high school to the south, and commercial and residential development to the west.

3.2 Project Site and Development

The Project site is currently a paved (asphaltic concrete) parking lot utilized by the Pioneer High School. The northwest corner of the Project site abuts the southeast corner of the intersection of Washington Boulevard and Pioneer Boulevard. The eastern boundary is along Danby Avenue and the southern boundary is defined by Pioneer High School's northernmost parking lot. Vehicular access to the Project site is provided along Pioneer Boulevard on the western border of the proposed Project site and Danby Avenue on the eastern border. A Project site map is provided in **Figure 3-2**.

Historic data indicates current uses of the Project site as temporary parking of vehicles. Other events occur year-round at the high school campus, including the Pioneer High School's Market Place, which is a swap meet that currently takes place on the project site's existing parking lot on the 2nd and 4th Saturday each month. Except for a few naturally geminated trees over time, there are no other improvements at the site. Access control to the parking area appears to be limited via bollards and simple chain gates.

The main objective of the project is to construct a joint-use aquatics facility available for both student and public use. The students of Pioneer High School, the community, the Board of Supervisors, and the Whittier Union School Board maintain a desire for a local swimming facility at this location. The proposed Project consists of the construction of an aquatics facility that will include a 10,000 +/- square foot pool building and two swimming pools. One swimming pool will be a 50-meter by 25-yard by 15-feet deep competitive swimming pool. The second swimming pool will be a 25-meter by 25-yard practice pool with a shallow end 3- to 4.5-feet deep and deep end of 13-feet deep. Other facilities include a parking lot, a perimeter fence/wall, spectator bleachers, a property monument sign, a shade structure, an electronic scoreboard, and perimeter landscaping.

The project would operate as a community aquatics center seven days a week, year-round. The operating hours would be 6 a.m. to 9 or 10 p.m. weekdays, with shorter operating hours on weekends. Normal daily operations would include daily periods of time for lap swimming, swim lessons, recreational swimming, novice sports, diving, and special programming (scuba certification, master teams, etc.). Operations would also include competitive swimming and diving meets, water polo matches, and synchronized swimming competitions. Other everyday operation activities of the project include as necessary heating and cooling of the pool building, water heating for showers and restrooms, pool water recirculation pump operation, pool heater operation, and pool cover operation.

Ongoing normal maintenance activities include regular pool cleaning and equipment servicing, and pool building cleaning and maintenance activities that would all be outsourced to local vendors. Other irregular maintenance activities, such as

pool draining and repair/major maintenance work and interior or exterior pool building painting, would be completed infrequently as necessary based on the long-term wear and tear of the facilities.

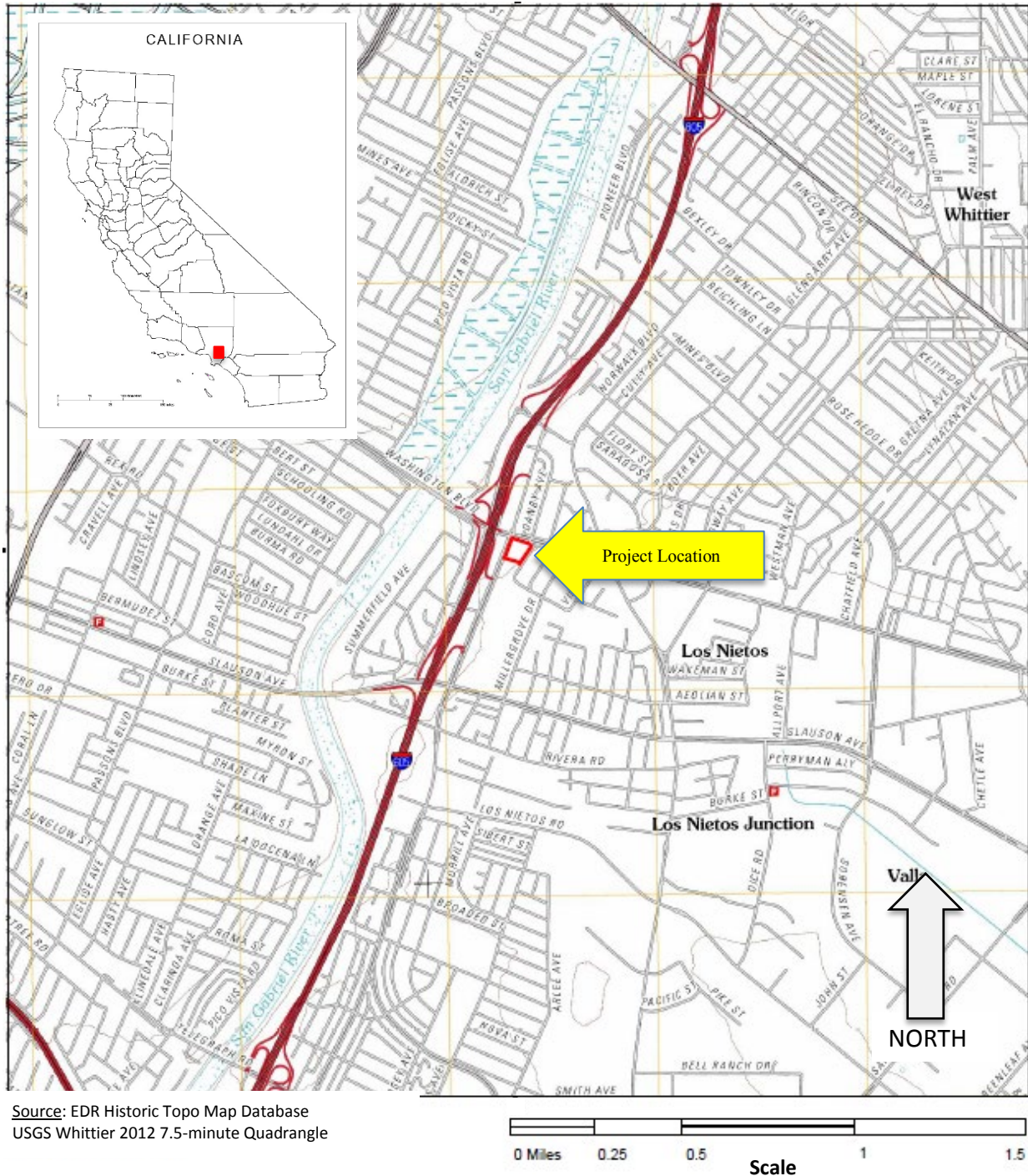


Figure 3-1. Project Location Map

The geologic units located in the vicinity surrounding the Project site include unconsolidated, poorly to well-sorted, Younger (Holocene) undivided alluvial fan and valley deposits composed dominantly of sand (Qyfa) and clay (Qyfc). Older

(Pleistocene) undivided alluvial fan and valley deposits are composed dominantly of moderately to well-consolidated, moderately sorted silt (Qofs). Active channel and wash deposits (QW) of the San Gabriel River are mostly artificially channelized and consist of unconsolidated deposits of silt and coarser materials. The northwest-trending La Habra syncline is located approximately 0.7-mile (~3,700 ft) northeast of the Project site. This geologic structure lies beneath the alluvial deposits and its location is approximated. Other geologic structures related to faulting is described in the *Faulting and Seismicity* section below.



Figure 3-2. Project Site Map

3.3 Physical Setting

Topography

The area of land surrounding the proposed Project site is on a lowland coastal plain that slopes gradually southward and westward toward the Pacific Ocean. The Project site has been graded relatively flat with slight drainage to the south-southwest and is paved to accommodate parking. The ground surface elevation at the center point of Project site is approximately 160 feet above mean sea level (ASL). The Project site and immediate surrounding vicinity are located within a 500-year flood zone. That is, it is classified as FEMA Zone X, a Special Flood Hazard Area with a 0.2-percent annual chance (500-year) flood (**Appendix A**; FEMA, 2019).

Geology

The Project is located within the northwestern Peninsular Ranges geomorphic province. The Los Angeles Basin is within the northern part of the province and is an alluviated coastal plain bounded on the north by the Santa Monica Mountains and the Elysian Park, Repetto, and Puente hills, and on the east and southeast by the Santa Ana Mountains and San Joaquin Hills. This lowland plain slopes gently to the south and west toward the Pacific Ocean but is interrupted by a series of elongated low hills and mesas to the south and west by the Palos Verdes Peninsula at the coast. The geologic units exposed at the Project site and vicinity are composed of sediment that has been transported and deposited on an alluvial plain (CDMG 1999). The geologic unit that underlies the Project site is mapped as unconsolidated, poorly to well-sorted, Younger (Holocene) undivided alluvial fan and valley deposits (Qyfs) as shown in **Figure 3-3**.

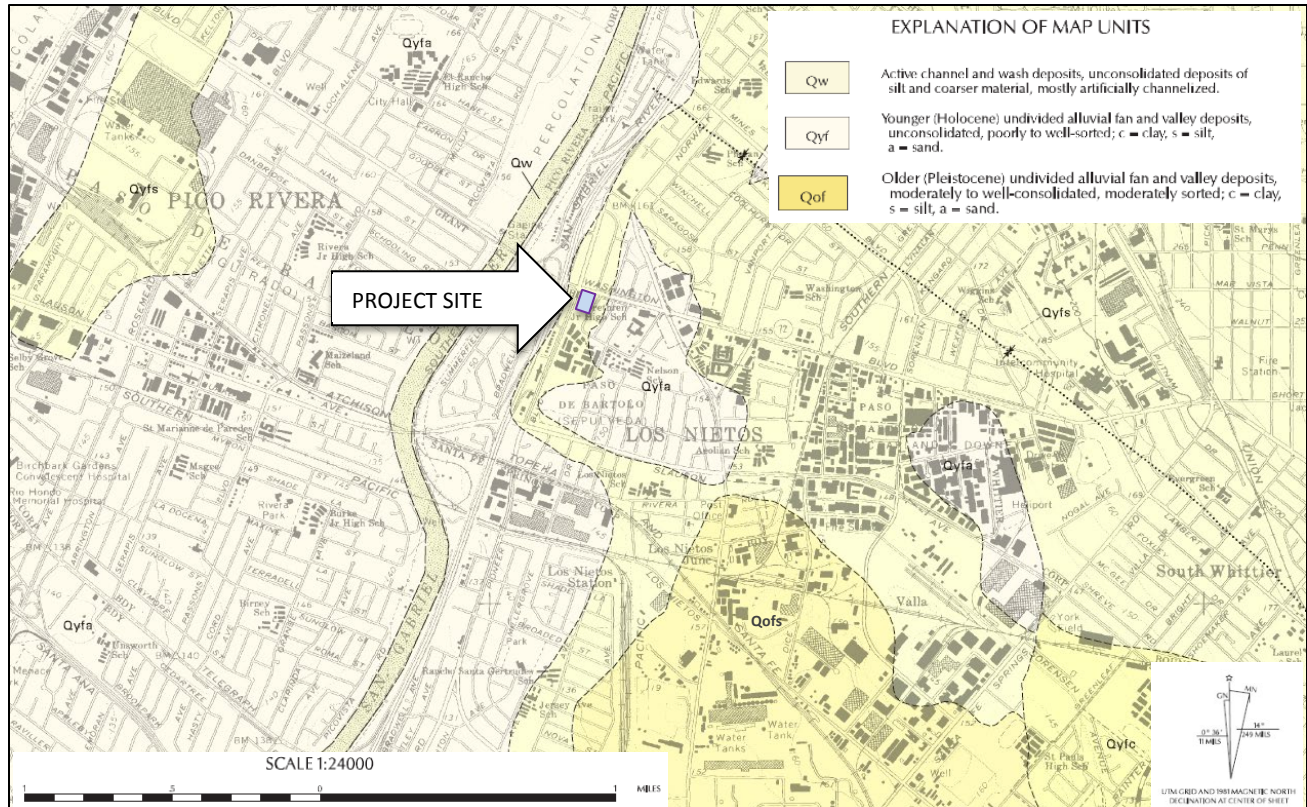
Soils

Based on data provided from the NRCS (USDA 2018) the soil at and immediately surrounding the Project site is classified as Urban land-Biscailuz-Hueneme, drained complex. This soil complex exhibits a runoff classification ranging from very low (Hueneme) and low (Biscailuz), to very high (Urban Land) and is associated with areas where flooding is rare. The capacity of the most limiting soil layer to transmit water (Ksat) is moderately high to high (0.57 to 1.98 in/hr) for Biscailuz and moderately high to high (0.60 to 2.00 in/hr) for Hueneme. The available water storage in profile for this complex is moderate (~8.6 inches) for Biscailuz to high (~10.5 inches) for Hueneme. The complex is classified as Soil Hydrologic Group B, is poorly- to moderately-drained, has moderately fine to moderately coarse textures, and has moderate infiltration capacity/permeability and leaching potential. Hydric soil is not identified. Typical soil profiles to depths of 79 inches include loam, loamy fine sand, very fine and fine sandy loam, and silt loam. This soil type is typically located on slopes of less than 2 percent.

The linear extensibility of a soil is used to determine its shrink-swell potential. If the linear extensibility is more than 3.0 percent, shrinking and swelling can cause damage to buildings, roads, and other structures. According to the NRCS physical soil properties database, the representative values for linear extensibility in the area of the Project site ranges from 0.4 to 2.9 percent for Biscailuz and 1.0 to 2.4 percent for Hueneme. Based in these values, the potential for soil shrinking and swelling generally would not be expected. However, upper limit values of 5.0 percent for Biscailuz and 3.1 percent for Hueneme are reported. Therefore, the potential does exist for soil that would experience shrinking and swelling.

Soil erosion factors (Kw) indicate the susceptibility of soil loss to sheet and rill erosion by water. The values of Kw range from 0.32 to 0.49 for Biscailuz and 0.32 to 0.55 for Hueneme. Reference values of Kw range from 0.02 to 0.69; generally speaking the higher the value, the more susceptible the soil is to erosion. The highest Kw values exhibited are 0.55 for Hueneme and 0.49 for Biscailuz. The Project site is completely paved with asphaltic concrete and very little bare soil is exposed. However, based on the Kw values reported from the NRCS physical soil properties database, exposed soil at the Project site would be susceptible to soil loss to sheet and rill erosion by water. The wind erodibility group number for Biscailuz is 6 and for Hueneme is 3. Soils assigned to group 1 are the most susceptible to wind erosion, and those assigned to group 8 are the least susceptible. Based in the reported wind erodibility group numbers in the NRCS physical

soil properties database, the Project site soil would be expected to experience a moderate amount of wind erosion susceptibility.



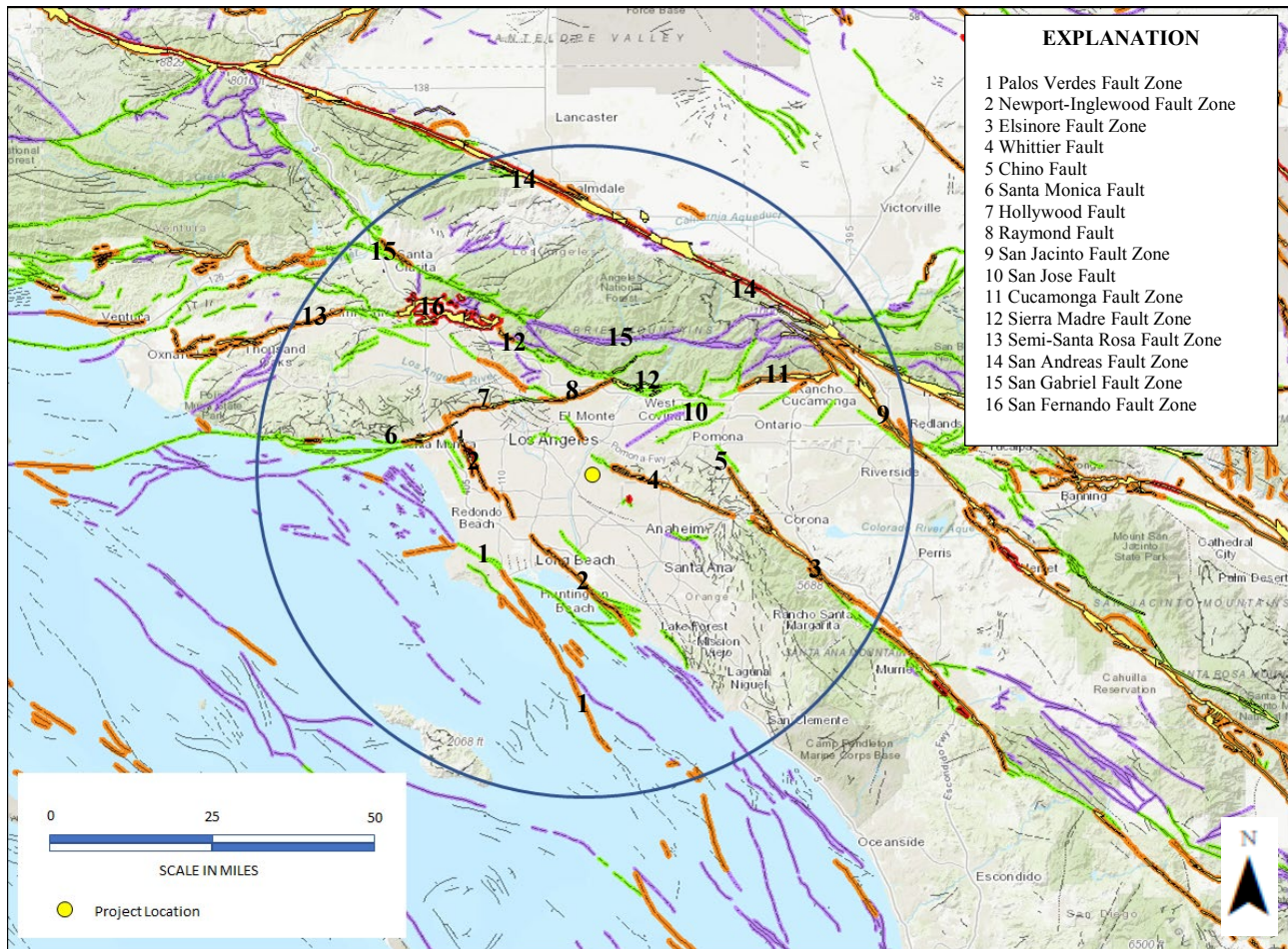
Source: CDMG, 1999, USGS Whittier 7.5-minute Quadrangle

Figure 3-3. Geologic Map of Project Site and Vicinity

Faulting and Seismicity

The Project site is situated in a tectonically and seismically active region of southern California. This activity is expressed as several major, generally northwest trending and east-west trending, oblique, right-lateral, strike-slip, fault zones that characterize this region. Movement along some of these faults has been documented during the past 150 years. A map of the faults within 50-mile radius of project site is provided in **Figure 3-4**.

A major feature associated with this region of southern California is the San Andreas Fault System which defines the boundary between the North American Plate to the east and the Pacific Plate (on which the Project is located) to the west. The San Andreas Fault System is generally expressed as elongated zones of fracturing and rock deformation that creates the general northwest-southeast trending valleys and ridges. In addition, the region has experienced numerous instances of ground shaking originating from faults associated with the San Andreas Fault System. The closest fault with historic activity (HIS) is the Newport-Inglewood Fault Zone, located 19 miles west-northwest from the Project site, experiencing movement within the last 85 years with the Long Beach Earthquake of 1933. Two other faults with historic activity are the San Fernando Fault Zone and the San Andreas Fault Zone, located approximately 35 miles northwest and 38 miles to the northeast Project site. These and other active/potentially active faults within 50 miles of the proposed Project area are provided in **Table 3-1**.



Source: CGS 2010, Fault Activity Map of California, California Geological Survey, California Department of Conservation
USGS 2018, U.S. Quaternary Faults, Interactive Fault Map

Figure 3-4. Faults Within 50-mile Radius of Project Site

Table 3-1. Selected Faults within 50 Miles of the Proposed Project

Fault Name (Age)	Distance ¹ from Project Site to Fault (Miles / Direction From Project)	Characteristic Earthquake (M _w = moment magnitude)
Whittier Fault Zone (HOL)	3 / E	6.0 – 7.2
Raymond Fault (HOL)	12 / N	6.0 – 7.0
San Jose Fault (LTQT)	13 / NE	6.0 – 6.5
Sierra Madre Fault Zone (QT)	15 / NNE	6.0 – 7.0
Hollywood Fault (HOL)	15 / NW	5.8 – 6.5
Newport-Inglewood Fault Zone (HIS)	19 / WNW	6.0 – 7.4

Table 3-1. Selected Faults within 50 Miles of the Proposed Project

Fault Name (Age)	Distance ¹ from Project Site to Fault (Miles / Direction From Project)	Characteristic Earthquake (M _w = moment magnitude)
Palos Verdes Fault Zone (HOL)	20 / SW	6.0 – 7.0 (or greater)
San Gabriel Fault Zone (QT)	21 / N	?
Chino Fault (HOL/QT)	21 / E	6.0 – 7.0
Cucamonga Fault Zone (HOL)	24 / NE	6.0 – 7.0
Santa Monica Fault (HOL)	27 / WNW	6.0 – 7.0 (?)
Elsinore Fault Zone (HOL)	32 / SE	6.0 – 7.5
San Fernando Fault Zone (HIS)	35 / NW	6.0 – 6.8
San Andreas Fault Zone (HIS/HOL)	38 / NE	6.8 – 8.0
Semi-Santa Rosa Fault Zone (HOL)	41 / NW	?
San Jacinto Fault Zone (HIS/HOL)	45 / SE	6.5 – 7.5

Source: CDMG 1999; CGS 1996; CGS 2010; Saucedo, et al., 2016; SCEDC, 2018a; USGS 2018

1 - Approximate closest linear distance and direction to fault from mid-point of Project site, rounded to nearest mile

? - Characteristic earthquake data not available

HIS = Historic fault activity (<200 yrs)

HOL = Holocene age fault activity (<11,700 yrs)

LTQT = Late Quaternary age fault activity (<700,000 yrs)

QT = Quaternary age fault activity (>700,000 <1.6 million yrs)

The faults in **Table 3-1** are classified as historic (HIS), Holocene age (HOL), late Quaternary age (LTQT) and Quaternary age (QT). Faults classified as historic have experienced movement within the past 200 years. Faults classified as Holocene age have experienced movement within the past 11,700 years. Those faults classified as late Quaternary and Quaternary have experienced movement within the past 700,000 years and 1.6 million years, respectively. Selected recent earthquakes and their moment magnitude (M_w) experienced on historic faults within or associated with the 50-mile radius, are provided in **Table 3-2**.

Table 3-2. Selected Historic Earthquakes within or Associated with 50-mile Radius

Earthquake Date	Fault Name (and segment)	Magnitude (M _w)
12/8/1812	San Andreas Fault Zone (Wrightwood)	~7.2
4/18/1857	San Andreas Fault Zone (Mojave Segment)	7.8 ¹
3/10/1933	Newport-Inglewood Fault Zone	6.4
4/9/1968	San Jacinto Fault Zone (Coyote Creek Segment near Ocotillo Wells)	6.5
2/9/1971	San Fernando Fault Zone (near Sunland)	6.6

Source: CDMG 1999; CGS 1996; CGS 2010; Saucedo, et al., 2016; SCEDC, 2018a, b; USGS 2018

¹ CDMG, 1996, Probabilistic Seismic Hazard Assessment for the State of California

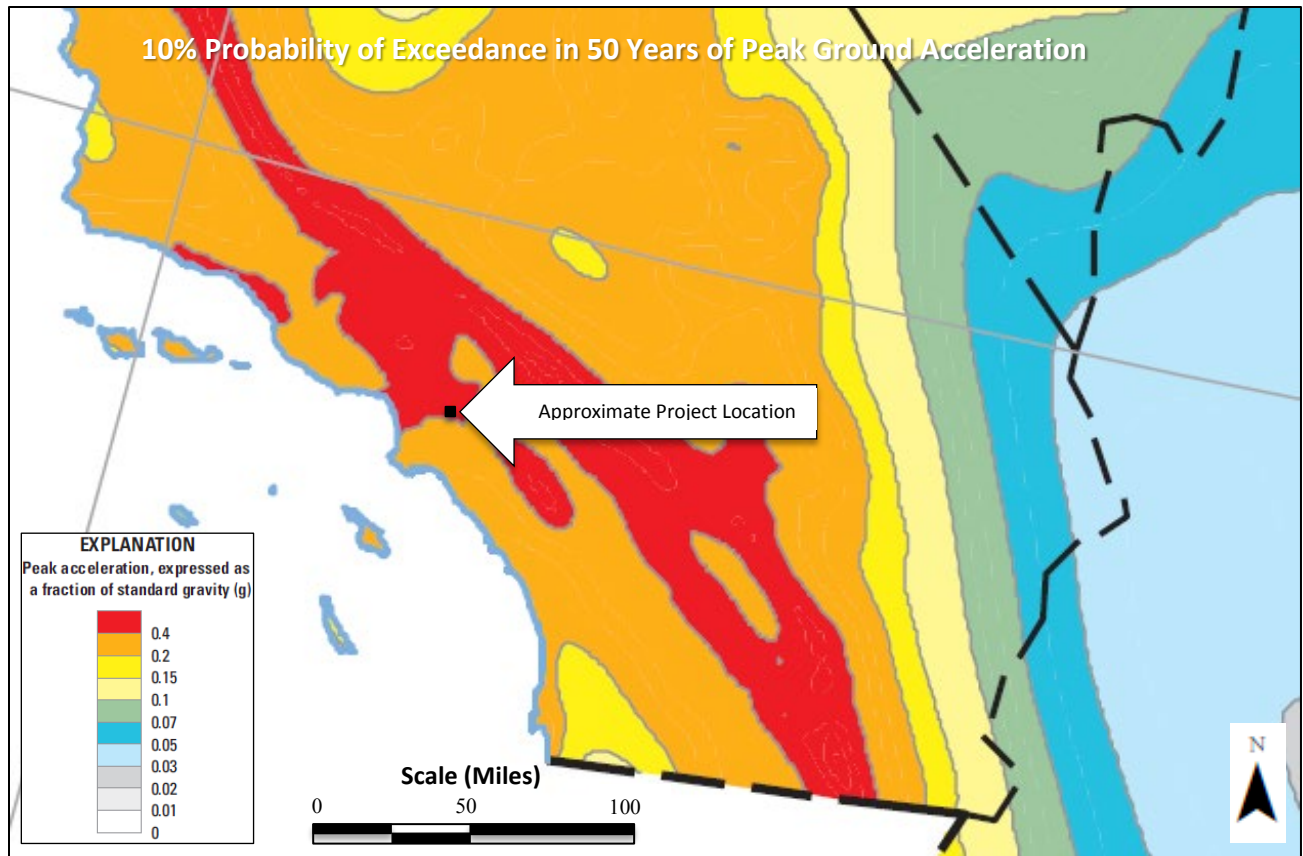
In addition to the mapped faults with historic movement identified in **Table 3-1** and **Table 3-2**, an unmapped earthquake fault that experienced recent movement, the Whittier Narrows Blind Thrust fault, is located several miles northwest of the Whittier Fault Zone near the City of Rosemead. It is unmapped as it did not produce surface rupture. The earthquake occurred on October 1, 1987 and produced a moment magnitude is M_w 5.9². The estimated distance is 10 miles to the north of the Project site. Another unmapped earthquake fault that experienced recent movement, the Northridge Thrust fault (blind thrust), is located approximately six miles southwest of the San Fernando Fault Zone, one mile south-southwest of the City of Northridge. The earthquake occurred on January 17, 1994 and produced a moment magnitude is M_w 6.7². The estimated distance is 37 miles to the northwest of the Project site.

Seismic hazards resulting from earthquakes can include but not be limited to ground rupture along a fault line (surface rupture), ground shaking and liquefaction. Surface rupture is the surface expression of movement along a fault. Structures built over an active fault can be torn apart if the ground ruptures. Surface rupture along faults is generally limited to a linear zone a few meters wide. Following the destructive February 9, 1971 M_w 6.6 San Fernando earthquake, which was associated with extensive surface fault ruptures that damaged numerous homes, commercial buildings, and other structures, the Alquist-Priolo Earthquake Fault Zoning (AP) Act was passed into law³. The AP Act provides a mechanism for reducing losses from surface fault rupture. The intent of the AP Act is to ensure public safety by prohibiting the siting of most structures for human occupancy across traces of active faults that constitute a potential hazard to structures from surface faulting or fault creep. The law requires the State Geologist to establish regulatory zones (known as Earthquake Fault Zones) around the surface traces of active faults and to issue appropriate maps. ["Earthquake Fault Zones" were called "Special Studies Zones" prior to January 1, 1994.] The maps are distributed to all affected cities, counties, and state agencies for their use in planning and controlling new or renewed construction. Local agencies must regulate most development projects within the zones. Projects include all land divisions and most structures for human occupancy. Single family wood-frame and steel-frame dwellings up to two stories not part of a development of four units or more are exempt. However, local agencies can be more restrictive than state law requires. Subsequently, the Seismic Hazards Mapping Act, passed in 1990, addressed non-surface fault rupture earthquake hazards (like the Whittier Narrows earthquake), and included liquefaction and seismically induced landslides. The Project site is not located within an Alquist-Priolo active fault zone, and there is no evidence of active faulting beneath the site.

Probabilistic seismic hazard maps are those that show the hazard from earthquakes that geologists and seismologists agree could occur in California. It is probabilistic in the sense that the analysis takes into consideration the uncertainties in the size and location of earthquakes and the resulting ground motions that can affect a site; it is only indirectly associated with randomness. The maps are typically expressed in terms of probability of exceeding a certain ground motion. For example, the 10% probability of exceedance in 50 years maps depict an annual probability of 1 in 475 of being exceeded each year. This level of ground shaking has been used for designing buildings in high seismic areas. The maps for 10% probability of exceedance in 50 years show ground motions that are not expected to be exceeded in the next 50 years. In fact, there is a 90% chance that these ground motions will NOT be exceeded. This probability level allows engineers to design buildings for larger ground motions than what is expected to occur during a 50-year interval, which will make buildings safer than if they were only designed for the ground motions that are expected to occur in the next 50 years. A probabilistic seismic hazard map in the vicinity of the Project site showing the 10% probability of exceedance in 50 years of peak ground acceleration is provided in **Figure 3-5**.

² SCEDC, 2018b, Southern California Earthquake Data Center, Historic Earthquakes and Significant Faults in Southern California

³ CDC, 2018, The Alquist-Priolo Earthquake Fault Zoning Act



Source: USGS, 2014, Earthquake Hazards Program

Figure 3-5. Probabilistic Seismic Hazard Map in the Vicinity of the Project Site

Prior to the acceptance and incorporation of Probabilistic Seismic Hazard Analysis (PSHA) into standard hazard assessment methodologies, most seismic hazard assessments were completed using scenario-based, “deterministic” analyses. A deterministic seismic hazard analysis typically assigns a maximum earthquake magnitude for a seismic source, often referred to as the maximum credible earthquake. Based on the minimum distance from the site to the fault source, the level of ground shaking at the site is estimated. However, using the 2008 PSHA model (CDC, 2008), the probable seismic ground shaking expected at the Project site for a 10 percent chance in 50 years is anticipated to produce peak ground acceleration of 0.468 percent of the acceleration of gravity (0.468g); for a 2 percent chance in 50 years, 0.805 percent of the acceleration of gravity (0.805g). Assuming a maximum credible earthquake of 7.4 on the San Andreas Fault (southern segment) northeast of the Project (CDMG, 1996 – Appendix A), the possible Modified Mercalli Intensity Scale (MMI) is between VII and IX. An abbreviated summary of the MMI scale is provided below in **Table 3-3**.

Table 3-3. Abbreviated Modified Mercalli Intensity Scale

Intensity	Description
I	Not felt except by a very few under especially favorable conditions.
II	Felt only by a few persons at rest, especially on upper floors of buildings.

Table 3-3. Abbreviated Modified Mercalli Intensity Scale

Intensity	Description
III	Felt quite noticeably by persons indoors, especially on upper floors of buildings. Many people do not recognize it as an earthquake. Standing motor cars may rock slightly. Vibrations similar to the passing of a truck. Duration estimated.
IV	Felt indoors by many, outdoors by few during the day. At night, some awakened. Dishes, windows, doors disturbed; walls make cracking sound. Sensation like heavy truck striking building. Standing motor cars rocked noticeably.
V	Felt by nearly everyone; many awakened. Some dishes, windows broken. Unstable objects overturned. Pendulum clocks may stop.
VI	Felt by all, many frightened. Some heavy furniture moved; a few instances of fallen plaster. Damage slight.
VII	Damage negligible in buildings of good design and construction; slight to moderate in well-built ordinary structures; considerable damage in poorly built or badly designed structures; some chimneys broken.
VIII	Damage slight in specially designed structures; considerable damage in ordinary substantial buildings with partial collapse. Damage great in poorly built structures. Fall of chimneys, factory stacks, columns, monuments, walls. Heavy furniture overturned.
IX	Damage considerable in specially designed structures; well-designed frame structures thrown out of plumb. Damage great in substantial buildings, with partial collapse. Buildings shifted off foundations.
X	Some well-built wooden structures destroyed; most masonry and frame structures destroyed with foundations. Rails bent.
XI	Few, if any (masonry) structures remain standing. Bridges destroyed. Rails bent greatly.
XII	Damage total. Lines of sight and level are distorted. Objects thrown into the air.

The Project site and surrounding vicinity occurs in a seismic hazard zone classified as being susceptible liquefaction (CGS, 1999). These are typically areas where historical occurrence(s) of liquefaction, or local geological, geotechnical and groundwater conditions indicate a potential for permanent ground displacements such that mitigation as defined in Public Resources Code Section 2693(c) would be required. Liquefaction-induced ground failure historically has been a major cause of earthquake damage in southern California (CDMG, 1998). Localities most susceptible to liquefaction-induced damage are underlain by loose, water-saturated, granular sediment within 40 feet of the ground surface. These geological and groundwater conditions exist in parts of southern California, most notably in some densely populated valley regions and alluviated floodplains. In addition, the potential for strong earthquake ground shaking is high because of the many nearby active faults. The combination of these factors constitutes a significant seismic hazard in the southern California region in general, within areas in the Whittier Quadrangle that include the Project site.

Hydrology and Groundwater

Hydrologically, the Project site is located within the San Gabriel River Watershed, a drainage area that encompasses 689-square miles and receives drainage from a large area of eastern Los Angeles County. Its' headwaters originate in the San Gabriel Mountain to the north. Within this watershed, the Project site is located the San Gabriel Hydrologic Unit (60000),

Lower San Gabriel River Hydrologic Area (60600), Coyote Creek Hydrologic Subarea (60606). Surface waters in the Project site and vicinity drain as part of the San Gabriel River watershed (CRWQCB-LA, 2014).

The Project site is in the South Coast Hydrologic Region of southern California. As described in Bulletin 118 (CDWR, 2003 and 2016), the South Coast Hydrologic Region covers an area of approximately 10,600-square miles and drains to the Pacific Ocean. This region is subdivided into three Hydrologic regions; Los Angeles (4), Santa Ana (8) and San Diego (9), each number identifying with the corresponding California Regional Water Quality Control Board (Regional Board) region. The South Coast Hydrologic Region contains 56 delineated groundwater basins that provide 23% of total demand met by groundwater; 21 of these groundwater basins are in Los Angeles subregion 4. Within Los Angeles subregion 4, the Project site is located within the boundaries of the Central subbasin (4-011.04) of the Coastal Plain of Los Angeles groundwater basin (4-011).

Groundwater beneath the Project site is located in sediments of the Central Subbasin within the southeastern part of the Coastal Plain of Los Angeles Groundwater Basin. This subbasin is commonly referred to as the “Central Basin” and is bounded on the north by a surface divide called the La Brea high, and on the northeast and east by emergent less permeable Tertiary rocks of the Elysian, Repetto, Merced and Puente Hills. The southeast boundary between Central Basin and Orange County Groundwater Basin roughly follows Coyote Creek, which is a regional drainage province boundary. The southwest boundary is formed by the Newport Inglewood fault system and the associated folded rocks of the Newport Inglewood uplift. The Los Angeles and San Gabriel Rivers drain inland basins and pass across the surface of the Central Basin on their way to the Pacific Ocean (CDWR, 2003 and 2016).

The Central Basin is historically divided into forebay and pressure areas. The Los Angeles forebay is in the northern part of the Central Basin (subbasin) where the Los Angeles River enters the Central Basin through the Los Angeles Narrows from the San Fernando Groundwater Basin. The Montebello forebay extends southward from the Whittier Narrows where the San Gabriel River encounters the Central Basin and is the most important area of recharge in the subbasin. Both forebays have unconfined groundwater conditions and relatively interconnected aquifers that extend up to 1,600 feet deep to provide recharge to the aquifer system of this subbasin (CDWR, 2004).

The main productive freshwater-bearing sediments are contained within Holocene alluvium and the Pleistocene Lakewood and San Pedro Formations. Throughout most of the subbasin, the near surface Bellflower aquiclude restricts vertical percolation into the Holocene age Gaspur aquifer and other underlying aquifers and creates local semi-perched groundwater conditions. The main additional productive aquifers in the subbasin are the Gardena and Gage aquifers within the Lakewood Formation and the Silverado, Lynwood and Sunnyside aquifers within the San Pedro Formation (CDWR 2004).

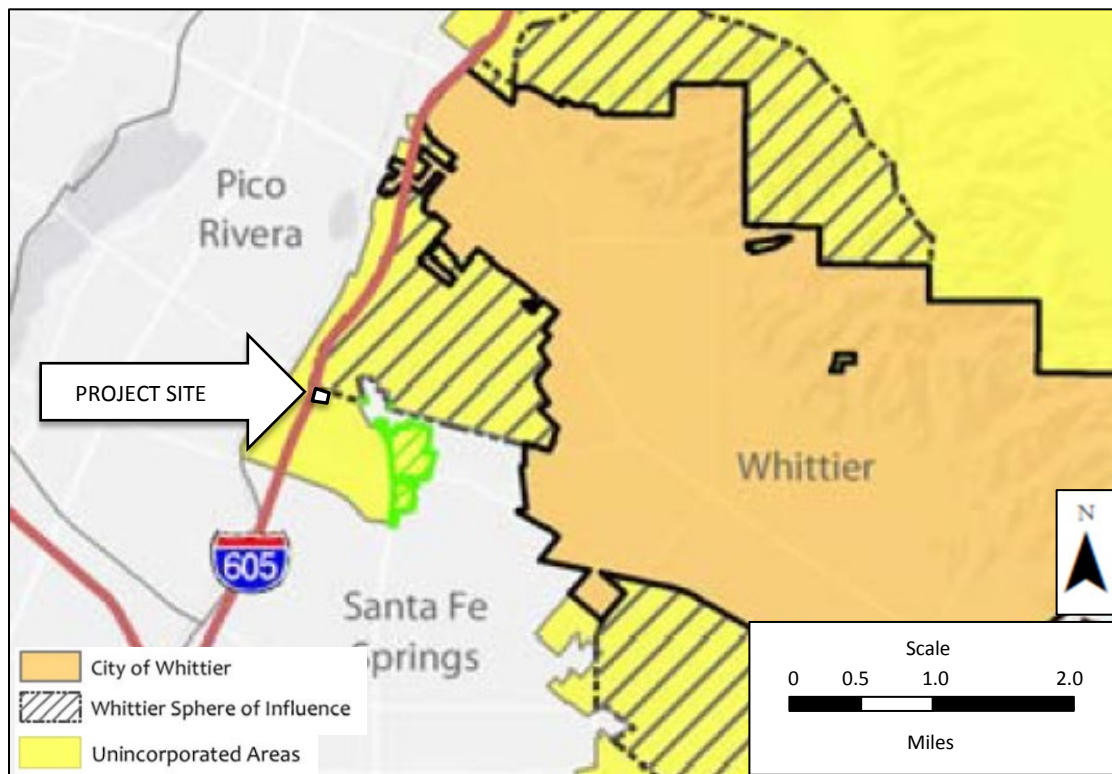
Groundwater (first significant) is reported in the GeoTracker⁴ database from nearby monitoring wells located approximately 1,026 feet east and 2,098 feet south-southwest of the Project site to be at depths of between 28 feet and 40 feet below ground surface. An inferred depth to groundwater is approximately 100 feet in the Gaspur aquifer (**Appendix A**). Although there are no site-specific groundwater data, the depth of groundwater beneath the site can be expected to be similar to that reported in nearby wells. Groundwater within the basin has existing beneficial use for municipal, industrial, and agricultural purposes (CRWQCB-LA, 2014). A percolation basin located along the west margin of the San Gabriel River, approximately 2,227 feet (southernmost end) west-northwest of the Project site, provides recharge to the basin aquifers.

Current Conditions

The Project site is located in unincorporated jurisdiction of Los Angeles County, adjacent to and south of City of Whittier sphere of influence as shown in **Figure 3-6**. Development immediately surrounding the Project site includes highway

⁴ GeoTracker, State Water Resources Control Board internet-accessed database system (geotracker.waterboards.ca.gov)

transportation, single-family and multiple-family dwellings, office and commercial buildings, community and public facilities, schools, utility infrastructure, and industrial buildings. The exposed surfaces at the Project site include asphaltic concrete with surface water runoff to gutter drainage collection systems that convey storm water to the ocean via storm drains. Standing water or other drainage features that contained flowing or standing water were not observed during the Project site reconnaissance. Limited landscape in the form of trees and low hedges are located along the Project perimeter and represents less than 10% of the exposed surface area. The surrounding residential areas have considerably more landscape with front and back lawns and other vegetation such as trees being common. Areas of commercial and industrial development contain limited landscape typically in planters; the former with substantially less. Surface water drainage collection systems convey storm water runoff to ocean via storm drains.



Source: City of Whittier, 2013, General Plan Housing Element (Figure 3-1)

Figure 3-6. City of Whittier Jurisdictional Association of the Project Site

Rainfall (Montebello reporting station) is typically highest (one inch or greater) from December through March of the year with average annual precipitation approximately 14.4 inches (www.worldclimate.com). Typically, the Project site would be expected to receive 3.0-inches of rainfall in January and February, 2.0-inches of rainfall in March, and 1.0-inch of rainfall in December. Annual temperatures range from an average high of 78.9 °F to an average low of 55.8 °F. Weather conditions during the Project site reconnaissance was overcast (stratus clouds) and warm/dry, with temperatures in the low 70's.

3.4 Project Site Reconnaissance and Interviews

HANA staff performed a reconnaissance/inspection of the Project site, in conjunction with a project kick-off meeting, on November 19, 2018 consisting of both visual survey and photographic documentation. The Project site is paved with asphaltic concrete and is in generally good condition. Some minor petroleum hydrocarbon surface staining (oil and grease) is present. An area that appeared to be in-filled with soil was observed. A Project owner representative indicated

during the site visit that soil had been used to fill in a “sink hole” and was thought to be associated with a leaking underground utility such as a water line, storm drain or sewer line. However, the actual cause remains unknown. Selected photographs that document the Project site reconnaissance are provided in **Appendix B**.

Classification of Environmental Conditions

- **Recognized Environmental Condition (REC)**: The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to a 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. (ASTM, 2013, 3.2.78)
- **Historical Recognized Environmental Condition (HREC)**: 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 environmental controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). (ASTM, 2013, 3.2.42)
- **Controlled Recognized Environmental Condition (CREC)**: A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). (ASTM, 2013, 3.2.18)

Identified Potential Environmental Conditions

Based on a review of the Project site and surrounding vicinity during the site reconnaissance, and review of available records and documents provided in the EDR reports, one site (Pioneer High School stadium) is identified as a HREC and is located approximately 2,100 feet south of the Project site. No other REC or CREC that would potentially affect the proposed Project have not been identified.

Underground Storage Tanks (USTs)

USTs associated with operating gasoline service stations were not reported or observed within the Project site area as documented. No visible signs of USTs associated with other types of operations were observed.

Asbestos

Asbestos containing building materials/asbestos containing materials (ACBM/ACM) were used in construction until the late 1970s. Various residential and commercial buildings were constructed in the vicinity of the Project site prior to their discontinued use. However, there are not any structures located within the Project site. Based on HANA’s familiarity with the site geology, soils beneath the Project site are not expected to be impacted by naturally occurring asbestos.

Lead Based Paint

Thermoplastic paints used on the freeways are likely to contain lead up through 1996. However, the 605-freeway transportation corridor is located 230 feet west of the Project site; no visible evidence to suggest the release of LBPs into the environment were observed. Therefore, it is HANA’s opinion that the likely presence of LBPs in the traffic striping materials does not represent an environmental issue at the Project site. Building material prior to 1978 may be suspected of containing lead-based paint (LBP). Various residential and commercial buildings were constructed in the vicinity of the Project site prior to its discontinued use. However, there are not any structures located within the Project site; LBPs associated with offsite buildings are not expected to be present at the site.

Radon

Radon is a radioactive gas that occurs naturally in the environment and cannot be seen, smelled or tasted. A human health effect associated with exposure to elevated levels of radon is an increased risk of developing lung cancer. The

National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA 2018) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years between 1986 and 1992. The Federal EPA Radon zone for the Project site area in Los Angeles County is Zone 2, average indoor radon screening levels from 2 to 4 pCi/L (**Appendix A**). Based on a survey of five tests at one site, the average activity for a first floor living area is 0.500 pCi/L; with 100% <4 pCi/L and 0% between 4 and 20 pCi/L, and greater than 20 pCi/L. The average activity for a basement area is not reported in the data set.

Polychlorinated Biphenyls

Polychlorinated Biphenyls (PCBs) were used in the past as insulating oils in electrical transformers, fluorescent light ballast, and/or as hydraulic oils in elevator equipment prior to the 1980s. Electrical distribution transformers (both ground-mounted and utility pole mounted) are not present within the Project site. Two distribution transformers owned by Southern California Edison (SCE) are located offsite. While there are no current federal regulations requiring utilities to remove equipment containing PCBs during the remainder of their useful lives, SCE has nonetheless been engaged in the removal of PCB-containing equipment since 2011 in response to the USEPAs proposed future regulations. SCE estimates that there are approximately 2,900 older distribution transformers in their system that may contain over 50 ppm PCBs; it is not known how many are located within the greater Project area. The presence of PCBs associated with transformers is discussed further in the *Transformers/PCBs* section.

Aerially Deposited Lead

Due to the proximity of the Project site to the 605-freeway transportation corridor to the west, in addition to the boulevards and residential streets, aerially deposited lead (ADL) may be at the Project site. However, the Project site appears to have been paved prior to the construction of the 605-freeway, a major source of ADL.

Trash

The storage of solid wastes was not observed during reconnaissance at the Project site; evidence of illegal dumping did not appear to be a concern.

Utilities

The Project site does not appear to contain any utilities. Electricity, natural gas, water and sewer is supplied and made available to the various residential, commercial/industrial, community and public facilities, and schools located in the areas surrounding the Project site. The services provided and maintained by utility suppliers are under the oversight of the California Public Utilities Commission.

Septic Tanks and Cesspools

Septic tanks and cesspools are often associated with the disposal of wastewater from structures that are not served by public sewer systems. Septic tanks and cesspools may be associated with hazardous materials if such materials have been inappropriately disposed of in the past via sinks. No septic tanks or evidence of cesspools were observed at the Project site and immediate surrounding area.

Pits, Ponds and Lagoons

Pits, ponds and lagoons are often associated with the disposal of solid and liquid wastes, which may include hazardous materials. Information obtained from the corridor inspection, historical records review, and interviews indicated that no pits, ponds, or lagoons exist or have existed on the Project site and immediate surrounding area that would be used for disposal of solid or liquid wastes. No evidence of solid or liquid wastes was observed during the site reconnaissance.

Dewatering

The reported⁵ depth to first groundwater ranges from approximately 28 feet and 40 feet below surface grade from two wells located near the Project site, less than ½-mile distance. In addition, depth to first groundwater is reported from

⁵ Review of site reports within ½-mile radius of Project site in the GeoTracker database, State Water Resources Control Board

wells up to a mile from the Project site ranging from approximately 7 feet to 80 feet below surface grade (**Appendix A**). Based on these data, it is uncertain if dewatering activities would be required for the proposed Project.

Structures

The proposed Project consists of a paved parking lot and is void of residential and commercial use buildings. Some of the surrounding structures appear to have been built during or before the 1970s. ACMs were used commercially since prior to the 1940s and up until the early 1970s. In addition, building material prior to 1978 may be suspected of containing lead-based paint (LBP). Various residential and commercial buildings surrounding the Project may also have been constructed prior to its discontinued use. However, none of the surrounding residential and commercial buildings are a part of the proposed Project and will not be disturbed during the construction phase.

Transformers/PCBs

Pole-mounted and/or concrete pad-mounted transformers were not identified within the proposed Project site during reconnaissance. The nearest pole-mounted transformers are located outside of the Project boundary. One is located across Pioneer Boulevard, adjacent to a sidewalk approximately 247 feet southwest of the southwest corner of the Project site. The other pole-mounted transformer is located across Danby Avenue in a residential backyard approximately 168 feet east of the Project's eastern boundary.

Treated Wood Waste

Treated wood waste (TWW) comes from old wood that has been treated with chemical preservatives. These chemicals help protect the wood from insect attack and fungal decay while it's being used. Wood treated with chemical preservatives typically contains hazardous chemicals that pose a risk to human health and the environment. Arsenic, chromium, copper, creosote, and pentachlorophenol are among the chemicals used to preserve wood and are known to be toxic or carcinogenic. Harmful exposure to these chemicals may result from touching, inhaling or ingesting TWW particulates (e.g., sawdust and smoke). However, TWW was not identified during site reconnaissance.

Specialized Knowledge

Information obtained during this assessment revealed no evidence of environmental liens (**Appendix F**) or other encumbrances associated with RECs, HRECs or CRECs associated with the Project.

3.5 Past Uses of Project Site and Adjoining Properties

Information obtained from the review of historic aerial photography and topographic maps indicates that the Project site has been under agricultural use as far back as 1928 (aerial photographs/Leighton Consulting, 2013c), with subsequent development encroaching and slowly replacing agricultural land use beginning in 1953 (historic aerial photographs and topographic maps). The land south of the Project site was developed as Pioneer High School in 1959 (Leighton Consulting, 2013a) or perhaps as early as 1956 (Leighton Consulting, 2013c). By 1963 (possibly earlier), the Project site had been paved as a parking lot and the Interstate-605 freeway (aerial photographs) had been constructed. The following is a summary of the review of each data source. Development of the surrounding environs continues through 2016, the latest date of available information (aerial photographs).

Historic Aerial Photographs

Historical aerial photographs were reviewed for evidence of past development and land use in the Project Corridor and surrounding areas, and are provided in **Appendix C**. Features described on the images are interpretive and are valid only for the date of flight, index number, and frame number. The review of the historic aerial photographs indicated no readily apparent environmental concerns. The following features relative to the land-use history are summarized in **Table 3-4**.

Table 3-4. Summary of Aerial Photographs

Year	Description
1928	Project site and surrounding environs are not yet developed; primary use appears to be agricultural - Orchard (Scale 1" = 500)
1938	Project site and surrounding environs are not yet developed; primary use appears to be agricultural - Orchard (Scale 1" = 500)
1947	Project site and surrounding environs are not yet developed; primary use appears to be agricultural - Orchard (Scale 1" = 500)
1953	Project site remains agricultural – Orchard. Surrounding environs to west, north and east developed as residential. Some continued agricultural – Orchard land use to south, and farther east. (Scale 1" = 500)
1963	Project site appears to be developed as a paved parking lot, north and adjacent to Pioneer High School to south. With exception of a small orchard located approximately 800 feet to the southwest, all surrounding land appears developed as residential, commercial/industrial, and educational facilities. (Scale 1" = 500)
1977	Project site appears to be developed as a paved parking lot, north and adjacent to Pioneer High School to south. Trees (?) appear to be growing in the parking area. The remaining small orchards identified in the 1963 image have been developed; all surrounding land appears developed as residential, commercial/industrial, and educational facilities. Interstate 605 freeway has been constructed just west of the Project site. Small parcel of vacant land remains between freeway right of way and Pioneer Boulevard. (Scale 1" = 500)
1979	Project site and surrounding environs similar to 1977 image. (Scale 1" = 500)
1981	Project site and surrounding environs similar to 1979 image. (Scale 1" = 500)
1989	Project site and surrounding environs similar to 1981 image. (Scale 1" = 500)
1994	Project site and surrounding environs similar to 1989 image. (Scale 1" = 500)
2002	Project site and surrounding environs similar to 1994 image. Small parcel of vacant land between freeway right of way and Pioneer Boulevard appears to be developed as commercial. (Scale 1" = 500)
2005	Project site and surrounding environs similar to 2002 image. Most trees in parking lot appear to have been removed. (Scale 1" = 500)
2009	Project site and surrounding environs similar to 2005 image. (Scale 1" = 500)
2012	Project site and surrounding environs similar to 2009 image. (Scale 1" = 500)
2016	Project site and surrounding environs similar to 2012 image. (Scale 1" = 500)

The Project site and surrounding environs appear to be used primarily for agricultural purposes from 1928 through 1947. By 1953 the project site remains agricultural but the surrounding environs to west, north and east have been developed as residential. However, continued agricultural land use appears to south and farther east. In 1963, the Project site appears to be developed as a paved parking lot with Pioneer High School buildings immediately to the south. With exception of a small orchard(?) located approximately 800 feet to the southwest, all surrounding land appears developed as residential, commercial/industrial, and educational facilities. By 1977, the Project site is still developed as a paved parking lot, with trees (?) that appear to be growing in the parking area itself. The remaining agricultural land use identified in the 1963 image have been developed; all surrounding land appears developed as residential, commercial/industrial, and educational facilities. Interstate 605 freeway has been constructed just west of the Project site. A small parcel of vacant land remains between the freeway right of way and Pioneer Boulevard. From 1979 through 1994 there are little changes recorded in the aerial photographs at the Project site and vicinity. By 2002, the small vacant parcel of land between the freeway right of way and Pioneer Boulevard appears to be developed with commercial buildings. By 2005, the trees in the Project parking area appear to have been removed. From 2009 through 2016 there are little changes recorded at the Project site and vicinity.

Historic Topographic Maps

Topographic maps are provided in **Appendix D** with dates of 1896, 1899, 1902, 1923, 1925, 1942, 1943, 1947, 1949, 1951, 1965, 1972, 1981, and 2012. Development at and the areas surrounding the Project cannot be readily discerned from the scale of the maps and/or information provided for the years 1896 through 1925. However, some roads, railroad right of ways, and what appear to be structures (residences?) are indicated. Beginning with the 1942 topographic map, some indication regarding the land use appears to indicate some agricultural land use (orchards?), but the type cannot be determined with certainty. This is similar for the 1943 and 1947 maps. By 1949, the quality of the map and degree of detail shown has improved substantially; areas of new development, particularly to the northeast of the Project is clearly delineated. This is also true for the 1951 map. By 1965, the topographic map clearly delineates the significant increase in land development in all directions from the Project site. Pioneer High School (adjacent and south of the Project) is clearly delineated on the map. In addition, the newly constructed Interstate 605 freeway west of the Project is indicated. The 1972 and 1981 maps indicate similar features and development as shown on the 1965 map but with photo-revision updates indicated. The 2012 topographic map presents the information in a slightly different format, but the overall degree of development and land use appears the same as the previous 1972 and 1981 maps. The review of the historic topographic maps indicated no readily apparent environmental concerns.

Sanborn Maps

There are no Sanborn maps identified for the Project area. A copy of the certified response is provided in **Appendix E**.

3.6 Current Uses of Project Site and Adjoining Properties

The Project site is currently being used as an overflow parking area. Occasionally, what appears to be “swap meet/flea market” type use is indicated in historic Google Earth imagery acquired in February 2004, July 2007 and March 2017. Another similar(?) type use is identified in an image from December 2003. The areas surrounding the Project site are developed as single-family and multiple-family dwellings, office and commercial buildings, community and public facilities, schools, churches, industrial buildings, a freeway corridor and various roads, streets, avenues and boulevards.

4.0 Records Review

4.1 Standard Environmental Records

HANA environmental staff reviewed available databases from federal and state regulatory agencies to identify use, generation, storage, treatment and/or disposal of hazardous materials and chemicals or release incidents of such materials, which may have impacted the Project site and vicinity. These databases were provided to HANA by in the form of an EDR Radius Map™ Report with GeoCheck (**Appendix A**). Other information included aerial photos, historic topographic maps, Sanborn maps (where available), building permits report, environmental lien and other activity and use limitations report, property tax map, and city directories report. These environmental and regulatory databases are designed to assist parties seeking to meet the search requirements of EPA’s Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) and ASTM Standard Practice for Environmental Site Assessments (E 1527-13) for the evaluation of environmental risk associated with a parcel of real estate.

The EDR Radius Map™ report contains records of registered sites identified within the vicinity of the Project site out to various search radii of 1/8-, 1/4-, 1/2- and 1-mile for the database types listed in the **Table 4-1**. To maintain currency of the referenced federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required. EDR provides confirmation that it is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

Table 4-1. Summary of Regulatory Database Search

Database	Search Radius Sites Located (miles)	Map Finding Summary	Potential Rec? (Yes/No)	Property ID / Rationale for Determination
NPL	≥1	1	No	<u>Omega Chemical Corporation</u> Source is located ≥1.0 mile from Project Site and is cross- and down-gradient; USEPA superfund site; cleanup status: open-inactive as of 1/29/2015
RCRA CORRACTS	≥1	1	No	<u>Omega Chemical Corporation</u> Source is located ≥1.0 mile from Project Site and is cross- and down-gradient; USEPA superfund site; cleanup status: open-inactive as of 1/29/2015
RCRA - LQG	~1/8	1	No	<u>Rite Aid #5495</u> Source is located ~1/8 mile from Project Site and is cross- and slightly up-gradient; no reported releases or violations
ENVIROSTOR	>1/4 - 1	8	Yes (HREC) No	<u>Pioneer High School Stadium Modernization (>1/4 mile)</u> Confirmed contaminants in soil from past agricultural use including arsenic, lead and OCPs (DDE, DDT); Phase I ESA, PEA, Supplemental Site Investigation <u>Custom Chemical Formulators, Inc. (>1/2 mile)</u> <u>Sur Lite Corp (~1 mile)</u> <u>Aerospace Rivet Manufacturing Corp (~1 mile)</u> <u>Quaker City Plating, Ltd (~1 mile)</u> <u>Cal-Western Paints, Inc. (~1 mile)</u> <u>Rivera Road Indiscriminant Dump (~1 mile)</u> <u>Mid-West Fabricating Co. (~1 mile)</u> Sources are located cross- and down-gradient from Project Site
LUST	<1/4 - 1/2	6	No	<u>Mobil #18-E50 (Former #11-E50) (<1/2 mile)</u> Located down-gradient; petroleum products used; case closed <u>Circle K (Former Mobil Oil #18-E50) (<1/2 mile)</u> Located down-gradient; petroleum products used; case open-remediation <u>Chevron #9-0913 (<1/2 mile)</u> Located down-gradient; petroleum products used; case closed <u>TOSCO-76 Station #11025 (<1/4 mile)</u> Located cross-gradient; petroleum products used; case closed

Table 4-1. Summary of Regulatory Database Search

Database	Search Radius Sites Located (miles)	Map Finding Summary	Potential Rec? (Yes/No)	Property ID / Rationale for Determination
				<p><u>Agricultural Property</u> (<1/2 mile) Located down-gradient; petroleum products used; case closed</p> <p><u>7-11 Store #20677</u> (1/2 mile) Located down-gradient/cross-gradient; petroleum products used; case closed</p>
CPS-SLIC	~1/4	1	No	<p><u>Alexander-Bell Property</u> (~1/4 mile) Located cross- and up-gradient; case closed</p>
UST	<1/8 - <1/4	3	No	<p><u>Pioneer High School</u> (<1/8 mile)</p> <p><u>TOSCO-76 Station #11025</u> (<1/4 mile) Located cross-gradient; petroleum products used; registered UST closure</p> <p><u>American Royal Petroleum, Inc.</u> (<1/4 mile) Located cross-gradient; petroleum products used; registered UST</p>
SWRCY	<1/4	1	No	<p><u>Replanet, LLC</u> (<1/4 mile) Located cross- and up-gradient; no reported releases</p>
SCH	>1/4	1	Yes (HREC)	<p><u>Pioneer High School Stadium Modernization</u> (>1/4 mile) Confirmed contaminants in soil from past agricultural use including arsenic, lead and OCPs (DDE, DDT); Phase I ESA, PEA, Supplemental Site Investigation; Status: No Further Action</p>
SWEEPS UST	<1/4	1	No	<p><u>Unocal Corp SS#6907</u> (<1/4 mile) Located cross-gradient; UST active as of database record date of 6/30/89; petroleum products used; no release reported</p>
HIST UST	<1/4	2	No	<p><u>76 Station No.6907</u> (<1/4 mile) Located cross-gradient; two listings for same property; petroleum products; no reported releases</p>
ROD	≥1	1	No	<p><u>Omega Chemical Corporation</u> Source is located ≥1.0 mile from Project Site and is cross- and down-gradient; USEPA superfund site; describes impacted media; cleanup status: open-inactive as of 1/29/2015</p>
FINDS	<1/8	1	No	<p><u>Pioneer High School</u> (<1/8 mile) No reported releases</p>
DRYCLEANERS	<1/4	2	No	<p><u>Dryclean Express</u> (<1/4 mile) [two listings for same property] Located cross- and up-gradient; halogenated solvents used; no reported releases</p>
EMI	<1/8	1	No	<p><u>Whittier Union High School</u> (<1/8 mile) Report of air emissions to South Coast Air Quality Management District</p>

Table 4-1. Summary of Regulatory Database Search

Database	Search Radius Sites Located (miles)	Map Finding Summary	Potential Rec? (Yes/No)	Property ID / Rationale for Determination
HAZNET	<1/8	6	No	<p><u>Whittier Union High School/Pioneer High School</u> (<1/8 mile) Disposal of asbestos containing waste</p> <p><u>Pioneer High School</u> (aka Whittier Union High School) (<1/8 mile) Disposal of asbestos containing and organic solids wastes</p> <p><u>Whittier Union High School/Pioneer High School</u> (<1/8 mile) Disposal of asbestos containing waste</p> <p><u>Whittier Union High School/Pioneer High School</u> (<1/8 mile) Disposal of asbestos containing waste</p> <p><u>LA County Sanitation District</u> (<1/8 mile) Disposal of household waste</p> <p><u>Whittier Union High School/Pioneer High School</u> (<1/8 mile) Disposal of asbestos containing waste</p>
HIST CORTESE	<1/8 - 1/2	6	No	<p><u>Former Shell Station</u> (<1/8 mile) No information provided</p> <p><u>Mobil #18-E50 (Former #11-E50)</u> (<1/2 mile) Located down-gradient; petroleum products used; case closed</p> <p><u>Chevron #9-0913</u> (<1/2 mile) Located down-gradient; petroleum products used; case closed</p> <p><u>TOSCO-76 Station #11025</u> (<1/4 mile) Located cross-gradient; petroleum products used; case closed</p> <p><u>Agricultural Property</u> (<1/2 mile) Located down-gradient; petroleum products used; case closed</p> <p><u>7-11 Store #20677</u> (1/2 mile) Located down-gradient/cross-gradient; petroleum products used; case closed</p>
HWP	~1	1	No	<p><u>Sur Lite Corp</u> (~1 mile) Cleanup status: closed</p>
NPDES	<1/8	1	No	<p><u>Pioneer High School Stadium Modernization</u> (<1/8 mile) Construction permit issued and terminated</p>
CIWQS	<1/8	1	No	<p><u>Whittier Union High School District</u> (<1/8 mile) Storm water construction</p>
Totals		46		

It should be noted that the address used to identify the Project site was obtained from information provided by the County of Los Angeles but is the physical address for Pioneer High School which is located south of the actual parking lot (the physical location of the property). The environmental records sites identified on the EDR radius map for the 10800 Ben Avon address (A1 to A11) are not associated with the target property (Project site) but rather for structures and activities related to the operation and maintenance of the high school property farther to the south.

NPL

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.

- A review of the NPL database, as provided by EDR, and dated 12/11/2018 has revealed that there is one (1) site within the searched area.

RCRA CORRACTS

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

- A review of the CORRACTS database, as provided by EDR, and dated 12/11/2018 has revealed that there is one (1) site within the searched area.

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 database, as provided by EDR, and dated 12/11/2018 has revealed that there is one (1) site within the searched area.

ENVIROSTOR

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

- A review of the ENVIROSTOR database, as provided by EDR, and dated 12/11/2018 has revealed that there are eight (8) sites within the searched area.

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 database, as provided by EDR, and dated 12/11/2018 has revealed that there are six (6) sites within the searched area.

CPS-SLIC

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

- A review of the SLIC database, as provided by EDR, and dated 12/11/2018 has revealed that there is one (1) site within the searched area.

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 database, as provided by EDR, and dated 12/11/20128 has revealed that there are three (3) sites within the searched area.

SWRCY

A listing of recycling facilities in California.

- A review of the SWRCY database, as provided by EDR, and dated 12/11/2018 has revealed that there is one (1) site within the searched area.

SCH

The School Property Evaluation Program contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

- A review of the SCH database, as provided by EDR, and dated 12/11/2018 has revealed that there is one (1) site within the searched area.

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 database, as provided by EDR, and dated 12/11/2018 has revealed that there is one (1) sites within the searched area.

HIST UST

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

- A review of the HIST UST database, as provided by EDR, and dated 12/11/2018 has revealed that there are two (2) sites within the searched area.

ROD

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

- A review of the ROD database, as provided by EDR, and dated 12/11/2018 has revealed that there is one (1) site within the searched area.

FINDS

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).

- A review of the FINDS database, as provided by EDR, and dated 12/11/2018 has revealed that there is one (1) site within the searched area.

DRYCLEANERS

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 cleaners' agents; linen supply; coin-operated laundries and cleaning; dry cleaning plants except rugs; carpet and upholstery cleaning; industrial launderers; laundry and garment services.

- A review of the DRYCLEANERS database, as provided by EDR, and dated 12/11/2018 has revealed that there are two (2) sites within the searched area.

EMI

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

- A review of the EMI database, as provided by EDR, and dated 12/11/2018 has revealed that there is one (1) site within the searched area.

HAZNET

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 from non-California manifests & continuation sheets are not included at the present time. 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.

- A review of the HAZNET database, as provided by EDR, and dated 12/11/2018 has revealed that there are six (6) sites within the searched area.

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 database, as provided by EDR, and dated 12/11/2018 has revealed that there are six (6) sites within the searched area.

HWP

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

- A review of the HWP database, as provided by EDR, and dated 12/11/2018 has revealed that there is one (1) site within the searched area.

NPDES

A listing of NPDES permits, including stormwater.

- A review of the NPDES database, as provided by EDR, and dated 12/11/20108 has revealed that there is one (1) site within the searched area.

CIWQS

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

- A review of the CIWQS database, as provided by EDR, and dated 12/11/20108 has revealed that there is one (1) site within the searched area.

4.2 Additional Record Sources

4.2.1 Chain-of Title

A 50-Year Chain-of-Title report was not provided for review and incorporation into this report.

4.2.2 City Directories

A search of city directories including Whittier Directory Company, Polk’s City Directory, Haines Criss-Cross Directory, and EDR Digital Archive databases was performed and reviewed at approximate five-year intervals for the years spanning 1962 through 2014. City directory searches are a screening tool designed to aid in the evaluation of potential liability on a target property resulting from past activities. The search includes Ben Avon Street, Danby Avenue, Pioneer Boulevard, and Washington Boulevard. A summary of the search results is provided in **Table 4-2**. A copy of the EDR City Directory Report is available in **Appendix G**.

Table 4-2. Summary of Directory Findings

	Ben Avon Street	Danby Avenue	Pioneer Boulevard	Washington Boulevard
Year	Street Address / Name of Business			
2014	None	None	None	None
2010	None	None	None	11025 / American Royal Petroleum, Inc. Washington 76
2005	None	None	None	11025 / American Royal Petroleum, Inc.
2000	None	None	None	None
1995	None	None	None	None
1992	None	None	None	None
1986	None	None	None	None
1980	None	None	None	None
1975	None	None	None	None
1972	No Record is Reported	7834 / Sal’s Cabinet Shop	None	11020 / Tino’s Texaco Service Station
1966	None	None	None	11020 / Louie’s Texaco Service Station
1962	None	None	None	11020 / Leonard’s Texaco Service Station

A Texaco service station was identified at 11020 Washington Boulevard east of the Project site in the 1962, 1966 and 1972 directories. From the 1975 through 2000 time period, the service station (nor any other property) was no longer identified. A potential service station (?) identified as American Royal Petroleum (Washington 76) is listed in the 2005 and 2010 directories for his address but is absent in the 2014 directory. One other listing in the 1972 directory is Sal’s Cabinet Shop at 7834 Danby Avenue, located northeast of the Project site. No other suspect properties are identified in the directory report.

4.2.3 Oil and Gas Well Maps

EDR report (**Appendix A**) indicates that there are three oil and gas wells indicated within 1-mile of the Project site. Well CAOG11000204728 (API No. 03705525) is located between ¼-mile and ½-mile northeast of the Project site. It is operated

by R.W. Jackson and is currently idle but does not represent an environmental concern for the Project site. Well CAOG11000205038 (API No. 03705963) is located ½-mile northeast of the Project site and is operated by Chevron U.S.A. Inc. and has been properly plugged and abandoned. Well CAOG11000204592 (API No. 03705312) is located nearly 1-mile south-southeast of the Project site and is operated by Conoco Inc. and has been properly plugged and abandoned. The status of these oil and gas wells was confirmed online from the California Division of Oil, Gas and Geothermal Resources (DOGGR) Well Finder tool.

4.2.4 Groundwater Supply Wells

The EDR report identifies 36 water wells located within the vicinity of the Project site. Seventeen (17) of the wells are identified in the state database of which nine (9) are classified as active. The remaining 19 wells are identified in the federal (USGS⁶) database of which eight (8) may be classified as potentially active; the status of the federally listed wells is not listed in the database but may be inferred. Groundwater depth measurements are not reported for the state wells but are reported for eight (8) federal wells. Laboratory analysis of water samples, when collected, is for water quality parameters including but not limited to alkalinity, arsenic, calcium, chloride, corrosivity, fluoride, hardness, manganese, magnesium, various minerals, nitrate + nitrite, pH, specific conductance, potassium, radionuclides, sodium, sulfate, temperature, total dissolved solids, total organic carbon, trihalomethanes (including chloroform, dibromochloromethane, bromoform), turbidity. In addition, some state listed wells were also tested for 1,4-dioxane (Well #2772 and #2770). Refer to EDR Well Search report for details (**Appendix A**). A summary of the reported groundwater well information listed in the EDR Report is provided in **Table 4-3**.

Table 4-3. Summary of Groundwater Well Information

Well ID	Well Type	Federal/State	Status	Approximate DTW (ft)	Date Recorded	System Name
USGS40000139445	Water	Federal	UNK	30.76	05/18/1996	USGS
USGS40000139484	Water	Federal	UNK	NA	NA	USGS
USGS40000139509	Water	Federal	UNK	NA	NA	USGS
USGS40000139396	Water	Federal	UNK	71.47	09/30/2002	USGS
USGS40000139395	Water	Federal	UNK	80.13	09/30/2002	USGS
USGS40000139397	Water	Federal	UNK	51.29	09/30/2002	USGS
USGS40000139399	Water	Federal	UNK	42.06	09/30/2002	USGS
USGS40000139398	Water	Federal	UNK	49.98	09/30/2002	USGS
USGS40000139392	Water	Federal	UNK	NA	NA	USGS
USGS40000139394	Water	Federal	UNK	81.34	09/30/2002	USGS
USGS40000139400	Water	Federal	UNK	NA	NA	USGS
USGS40000139518	Water	Federal	UNK	NA	NA	USGS
USGS40000139539	Water	Federal	UNK	24.13	07/14/1988	USGS
USGS40000139538	Water	Federal	UNK	NA	NA	USGS
USGS40000139544	Water	Federal	UNK	NA	NA	USGS
USGS40000139558	Water	Federal	UNK	NA	NA	USGS
USGS40000139382	Water	Federal	UNK	NA	NA	USGS
USGS40000139314	Water	Federal	UNK	NA	NA	USGS
USGS40000139376	Water	Federal	UNK	NA	NA	USGS
CADW60000031453	Water	State	UNK	NA	NA	UNK
2858 (Well12)	Water	State	Active	NA	NA	Pico Rivera - City WD
2859 (Well W11)	Water	State	Active	NA	NA	Pico Rivera - City WD
CADW60000018788	Water	State	UNK	NA	NA	UNK
2772 (Well 09)	Water	State	Active	NA	NA	La Habra Heights CWD
2773 (Well 02)	Water	State	Active	NA	NA	La Habra Heights CWD
2824 (Well 08)	Water	State	Active	NA	NA	Pico Rivera - City WD

⁶ United States Geological Survey

Table 4-3. Summary of Groundwater Well Information

Well ID	Well Type	Federal/State	Status	Approximate DTW (ft)	Date Recorded	System Name
2768 (Well 05)	Water	State	Active	NA	NA	La Habra Heights CWD
2767 (Well W06B)	Water	State	Inactive	NA	NA	San Gabriel Water Co.-El Monte
2766 (Well 08)	Water	State	Active	NA	NA	La Habra Heights CWD
2771 (Well 03)	Water	State	Destroyed	NA	NA	La Habra Heights CWD
2770 (Well W06C)	Water	State	Active	NA	NA	San Gabriel Water Co.-El Monte
2769 (Well W06A)	Water	State	Abandoned	NA	NA	San Gabriel Water Co.-El Monte
2764 (Well W01A)	Water	State	Abandoned	NA	NA	San Gabriel Water Co.-El Monte
2761 (Well 05)	Water	State	Inactive	NA	NA	Whittier-City, Water Department
2762 (Well W01C)	Water	State	Active	NA	NA	San Gabriel Water Co.-El Monte
2763 (Well W01D)	Water	State	Destroyed	NA	NA	San Gabriel Water Co.-El Monte

DTW – Depth to water in feet

NA – Not Available/Reported

UNK – Unknown Status or Information

USGS – United States Geological Survey

4.2.5 Wetlands

Information obtained from the site inspection, aerial photographs and topographic maps, and the EDR Report indicate that the Project site area does not appear to impact any identified wetlands. A percolation basin located along the west margin of the San Gabriel River, approximately 2,227 feet (southernmost end) west-northwest of the Project site, provides recharge to the basin aquifers. This area is also listed in the National Wetland Inventory, U.S. Fish and Wildlife Service database for the dates 2002, 2005 and 2010. (**Appendix A**).

5.0 Previous Environmental Assessments

According to the EDR **ENVIROSTOR** and **SCH** databases, a Phase I ESA Report and Addendum, Preliminary Endangerment Assessment (PEA) and Supplemental Site Investigation (SSI) was performed at part of the Pioneer High School stadium modernization construction project. The existence of these documents was also made available during the site visit. The Pioneer High School stadium is located approximately 2,100 feet south of the Project site. A copy of the documents available from **ENVIROSTOR** (PEA not posted) is provided in **Appendix H**. No other environmental assessments are known for the Project site. If these exist, none were provided at the time of the preparation of this Phase I ESA report.

As part of the Phase I ESA prepared by Leighton Consulting, Inc. for the Pioneer High School stadium modernization project, requests were made of selected regulatory agencies for information pertaining to hazardous waste/materials, underground storage tanks, leaking underground storage tank cleanup, inspections, violations or any other environmentally sensitive spills, responses or concerns. The target address used was 10800 Ben Avon Street, Whittier, California, the official street address for Pioneer High School. This was also the address used in this Phase I ESA since the Project site (parking lot) does not have an address; it is the same address listed for the proposed Whittier Aquatics Facility project. Copies of the requests for information and the agency responses are included in Appendix K of the Phase I ESA prepared by Leighton Consulting, Inc. The findings of the information requests indicated no additional environmental concerns other than those identified in the web-based database search. However, those findings are associated with the main high school property south of the Project site and have limited application, if any, to the Project site.

6.0 Findings

6.1 Potential Hazardous Materials Sites

One potential hazardous materials site (REC-1) and one historic hazardous materials site (HREC-1) within or immediately adjacent to the Project site were identified during the regulatory database search and site reconnaissance, as shown in **Table 6-1**.

Table 6-1. Potential Hazardous Materials Sites

Map Site Number	Source of Information	Location	Description	Further Investigation Recommended?
REC-1	EDR Report and Project site Reconnaissance	Project site	Project site is located on land formerly used for agriculture (orchard) and is adjacent to major transportation corridor (I-605). Soil sampling to south also identified impact.	YES – Soil samples should be collected to evaluate the presence of pesticides, and the metals arsenic and lead prior to construction activities.
HREC-1	EDR Report and ENVIROSTOR Website	Pioneer High School stadium modernization	Soil samples identified DDE, DDT, arsenic and lead.	NO – Although owned by the same entity, the site is located >1/2 mile to south and would not be expected to impact the Project site. No Further Action letter was issued by DTSC

In a Phase I ESA prepared by Leighton Consulting (2013a), RECs associated with historical agricultural use and existing structures for the Pioneer High School stadium modernization project, were identified. These included potentially hazardous constituents such as pesticides, lead (from lead-based paints), asbestos containing building materials and PCBs. Based on their findings, a Phase I ESA Addendum (Leighton Consulting 2013b) was implemented and included limited sampling of soil at selected locations for pesticides, lead, arsenic, and PCBs. The results of this sampling identified concentrations of lead and arsenic exceeding laboratory method detection limits; pesticides and PCBs were below laboratory method detection limits. A subsequent scoping meeting was held with DTSC, Whittier Union High School District and Leighton Consulting from which an additional assessment was requested by DTSC and a sampling program (SSI) was initiated to address the previously identified constituents of concern and included soil gas sampling. The results of this SSI identified the presence of DDE, DDT, and arsenic in the soil samples analyzed; volatile organic compounds were not identified in the soil gas samples (Leighton Consulting, 2013c). Those constituents identified in soil samples above method detection limits were below risk-based screening levels; the risk analysis also included the lead sampling from the Phase I ESA Addendum.

The presence of these potential constituents of concern at the high school stadium located south of the Project site is also identified in the **ENVIROSTOR** and **SCH** EDR databases (refer to **Table 4-1**). According to the **SCH** database, No Further Action was required by DTSC. Consequently, this site is classified as a HREC. However, based on the presence of impacted soil at the stadium modernization location, and that both locations share similar historic agricultural use, the Project site may be impacted by past pesticide use and arsenic and is classified as a REC. In addition, based on the time-period of construction for I-605, the soil at the proposed Project site would not have been exposed to the deposition of ADL from the freeway. However, deposition of ADL from the two adjacent boulevards may have occurred. Following removal of all site paving materials, but prior to soil disturbance, it is recommended that sampling and analysis for pesticides, ADL and arsenic be implemented. Analysis for PCBs and asbestos containing materials is not considered necessary since there is no evidence of historical structures at the Project site.

6.2 Other Potential Environmental Conditions

A “sink-hole” of unknown cause is present along the eastern boundary of the Project site about 135 feet south of the northeast corner of the property (Photo 9 – **Appendix B**). Based on historical Google Earth imagery, the “sink hole”

appears to have been formed sometime between March 2015 and February 2016 as indicated by what appears to be an asphaltic concrete patch in the latter image. Soil of unknown origin and volume now appears to backfill the void (March 2018 image). An investigation into the cause of the “sink-hole” should be performed following removal of the asphalt pavement but prior to site grading operations. The investigation can be incorporated in the geotechnical investigation as part of the design phase of the Project.

The observed surface staining on the asphalt parking lot does not appear to represent a potential environmental condition at the time of this assessment. However, should staining of the soil beneath the asphalt be discovered following its removal, sampling shall be implemented to evaluate the type and concentration of the material responsible. Although current site usage does not appear to indicate impact from petroleum hydrocarbons, previous agricultural uses may have experienced an undocumented incidental spill; however, lacking any documented evidence it does not represent a REC.

6.3 Dewatering

Dewatering consists of discharging accumulated storm water, groundwater, or surface water from excavations or temporary containment facilities. Groundwater beneath the proposed Project appears to be shallow based on monitoring well, and state and federal well data within one-mile radius of the Project site. While these data may not be representative of conditions beneath the Project site, groundwater appears to be as shallow as 28 feet or less bsg. Groundwater that is impacted by petroleum hydrocarbons has not been identified beneath the Project site. However, should dewatering be anticipated during construction at the Project site, groundwater sampling and analysis shall be required at all proposed dewatering locations.

7.0 Recommendations

7.1 Environmental Sampling

Excavation of pavement and soils, and earthwork is expected to be performed for this proposed Project. Where surface soils are to be excavated, they should be investigated for appropriate analytes based on the findings of this Phase I ESA. Sampling will be performed under the direct supervision of a licensed California Professional Geologist.

REC-1: Pesticides and Metals Sampling – Soil samples shall be collected and screened for the pesticides chlordane, DDD, DDE, DDT, and the metals arsenic and lead as indicated in **Table 7-1**. Soil samples shall be collected using either hand auger or direct-push methodology. The samples shall be collected from the upper six-inches, followed by one-foot depth, and then one-foot intervals thereafter to a total depth not to exceed three feet below surface grade (bsg).

Table 7-1. Constituents to be Analyzed in Soil Samples

Constituent	Analytical Method	Chemical Class
Arsenic	EPA Method 6020	Metal
Lead (ADL)	EPA Method 6010B/7000 Series	Metal
Chlordane	8081B	Organochlorine Pesticide
DDD, DDE, DDT	8081B	Organochlorine Pesticide

7.2 Health & Safety

Contractors working at the Project site, should be aware of appropriate handling and disposal methods or options. Higher levels of the potential contaminants could be present and, therefore, material moved or removed may require individual or specific testing to verify it is at levels below any regulatory action limits.

8.0 References

- CDC, 2008, California Department of Conservation, Ground Motion Interpolator
Accessed 12/10/2018
http://www.quake.ca.gov/gmaps/PSHA/psha_interpolator.html
- CDC, 2018, The Alquist-Priolo Earthquake Fault Zoning Act, California Department of Conservation
Accessed: 12/18/2018
<https://www.conservation.ca.gov/cgs/rghm/ap>
- CDMG, 1996, Probabilistic Seismic Hazard Assessment for the State of California, California Division of Mines and Geology, California Department of Conservation, Open-File Report 96-08
Accessed: 12/18/2018
<https://www.conservation.ca.gov/cgs/Pages/PSHA/OFR96-08/psha-ofr.aspx>
- CDMG, 1998, Seismic Hazard Zone Report for the Whittier 7.5-Minute Quadrangle, Los Angeles and Orange Counties, California, California Division of Mines and Geology, California Department of Conservation, Seismic Hazard Zone Report 037
- CDMG, 1999, Geologic Map of the Whittier 7.5' Quadrangle, Los Angeles and Orange Counties, California, DMG Open-file Report 99-04, Version 1.0, Compiled by George J. Saucedo
- CDWR, 2003, California's Groundwater, California Department of Water Resources, Bulletin 118, updated October 2003, and Interim update 12/22/2016
- CDWR, 2004, California's Groundwater, California Department of Water Resources, Bulletin 118, South Coast Hydrologic Region, Coastal Plain of Los Angeles Groundwater Basin, Last update 2/27/2004
- CDWR, 2016, California's Groundwater, California Department of Water Resources, Bulletin 118, Interim update 12/22/2016
- CGS, 1996, Simplified Fault Activity Map of California, California Geologic Survey, Map Sheet 54, Compiled by Charles W. Jennings and George J. Saucedo, Revised 2002
- CGS, 1999, Whittier Quadrangle, Seismic Hazard Zones, California Geologic Survey, California Department of Conservation, March 25, 1999
- CGS, 2010, Fault Activity Map of California, California Geological Survey, California Department of Conservation
Accessed: 12/17/2018
<http://maps.conservation.ca.gov/cgs/fam/>
- City of Whittier, 2013, General Plan Housing Element, Update 2014-2021, City of Whittier General Plan, Adopted Housing Element 2014-2021, October 14, 2013, Figure 3-1
- CRWQCB-LA, 2014, Basin Plan for the Coastal Watersheds of Los Angeles and Ventura Counties, California Regional Water Quality Control Board, Los Angeles Region (4), September 11, 2014
Accessed: 12/20/2018
https://www.waterboards.ca.gov/losangeles/water_issues/programs/basin_plan/basin_plan_documentation.html
- FEMA, 2019, FEMA Flood Map Service Center, Federal Emergency Management Administration, Classification effective 9/26/2008
Accessed: 01/15/19
<https://msc.fema.gov/portal/search?AddressQuery=10800%20Ben%20Avon%20Street%2C%20Whittier%2C%20California%20#searchresultsanchor>
- Leighton Consulting, 2013a, Phase I Environmental Site Assessment Report for Stadium Modernization Project of the Existing Pioneer High School Campus, Located at 10800 Benavon Avenue, Whittier, Los Angeles County, California, Project No. 10084.001, January 25, 2013

- Leighton Consulting, 2013b, Phase I Environmental Site Assessment Addendum Report for the Stadium Modernization Project on the Existing Pioneer High School Campus, Located at 10800 Ben Avon Avenue, Whittier, Los Angeles County, California, Project No. 10084.002, March 27, 2013
- Leighton Consulting, 2013c, Draft Supplemental Site Investigation Report, Pioneer High School Athletic Complex Modernization, 10800 Ben Avon Street, Whittier, California, Project No. 10084.002, October 11, 2013
- Saucedo, G.J., Greene, H.G., Kennedy, M.P., Bezore, S.P., 2016, Geologic Map of the Long Beach 30' x 60' Quadrangle, California, Version 2.0., California Geological Survey
Accessed: 12/14/2018
ftp://ftp.consrv.ca.gov/pub/dmg/rgmp/Prelim_geo_pdf/Long_Beach_100k_v2.0_Pamphlet.pdf
- SCEDC, 2018a, Southern California Earthquake Data Center, Fault Name Index, California Institute of Technology
Accessed: 12/17/2018
<http://scedc.caltech.edu/significant/fault-index.html>
- SCEDC, 2018b, Southern California Earthquake Data Center, Historic Earthquakes and Significant Faults in Southern California, California Institute of Technology
Accessed: 12/18/2018
<http://scedc.caltech.edu/significant/fault-index.html>
- USDA, 2018, United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey
Accessed: 12/11/2018
<https://websoilsurvey.sc.egov.usda.gov/App/WebSoilSurvey.aspx>
- USEPA, 2018, United States Environmental Protection Agency
Accessed: 12/14/2018
<https://www.epa.gov/radon/find-information-about-local-radon-zones-and-state-contact-information#radonmap>
- USGS, 1966, Whittier Quadrangle 7.5-Minute Series (Topographic), United States Geological Survey, Photorevised 1972
- USGS, 2014, Earthquake Hazards Program, Seismic Hazards Maps and Site-Specific Data, Long-term Models (2014)
Accessed: 12/18/2018
<https://earthquake.usgs.gov/hazards/hazmaps/conterminous/index.php#2014>
- USGS, 2018, U.S. Quaternary Faults, Interactive Fault Map, United State Geological Survey
Accessed: 12/17/2018
<https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=5a6038b3a1684561a9b0aadf88412fcf>

APPENDIX A

EDR Radius Map™ Report with GeoCheck

Whittier Aquatics Center

10800 Ben Avon Street
Whittier, CA 90606

Inquiry Number: 5508191.2s
December 11, 2018

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

10800 BEN AVON STREET
WHITTIER, CA 90606

COORDINATES

Latitude (North): 33.9730370 - 33° 58' 22.93"
Longitude (West): 118.0786520 - 118° 4' 43.14"
Universal Transverse Mercator: Zone 11
UTM X (Meters): 400352.9
UTM Y (Meters): 3759496.2
Elevation: 160 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5633777 WHITTIER, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140513
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
10800 BEN AVON STREET
WHITTIER, CA 90606

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	WHITTIER UNION HSD/P	10800 BENA VON	HAZNET		TP
A2	PIONEER HIGH SCHOOL	10800 E BENA VON ST	UST		TP
A3	PIONEER HIGH SCHOOL	10800 BENA VON ST	HAZNET		TP
A4	PIONEER HIGH SCHOOL	10800 E BENA VON ST	FINDS		TP
A5	WHITTIER UNION HSD/P	10800 VENA VON ST	HAZNET		TP
A6	WHITTIER UNION HSD/P	10800 BEN AVON ST	HAZNET		TP
A7	WHITTIER UNION HS DI	10800 E BENA VON ST	EMI		TP
A8	LA COUNTY SANITATION	10800 E BENA VON ST	HAZNET		TP
A9	PIONEER HIGH SCHOOL	10800 BEN AVON ST	HAZNET		TP
A10	PIONEER HIGH SCHOOL	10800 BEN AVON AVENU	ENVIROSTOR, SCH, NPDES, CIWQS		TP
A11	FORMER SHELL STATION	10800 BENA VON	HIST CORTESE		TP
Reg	OMEGA CHEMICAL CORPO	12504 AND 12512 E. W	NPL, SEMS, CORRACTS, RCRA-TSDF, RCRA-LQG, US ENG..	Same	5251, 0.995, SE
B12	TOSCO - 76 STATION #	11025 EAST WASHINGTO	UST	Lower	1026, 0.194, East
B13	FORMER UNOCAL 351479	11025 WASHINGTON BLV	HAZNET, HIST CORTESE	Lower	1026, 0.194, East
B14	UNOCAL CORP SS#6907	11025 E WASHINGTON B	SWEEPS UST	Lower	1026, 0.194, East
B15	TOSCO - 76 STATION #	11025 WASHINGTON BLV	LUST	Lower	1026, 0.194, East
B16	AMERICAN ROYAL PETRO	11025 WASHINGTON BLV	UST	Lower	1026, 0.194, East
B17	76 STATION NO. 6907	11025 E WASHINGTON B	HIST UST, WDS	Lower	1026, 0.194, East
B18	SERVICE STATION 6907	11025 WASHINGTON BLV	HIST UST	Lower	1026, 0.194, East
C19	DRYCLEAN EXPRESS	7822 NORWALK BLVD	DRYCLEANERS, HAZNET	Higher	1071, 0.203, ENE
C20	DRY CLEAN EXPRESS, P	7822 NORWALK BLVD	DRYCLEANERS	Higher	1071, 0.203, ENE
C21	RITE AID #5495	7860 NORWALK BLVD	RCRA-LQG	Higher	1079, 0.204, ENE
C22	REPLANET LLC	7810 NORWALK BLVD	SWRCY, HAZNET	Higher	1263, 0.239, ENE
23	ALEXANDER-BELL PROPE	TELEGRAPH RD/NORWALK	CPS-SLIC	Higher	1344, 0.255, ENE
24	AGRICULTURAL PROPERT	SLAUSON AVE	LUST, HIST CORTESE	Lower	1903, 0.360, South
D25	MOBIL #18-E50 (FORME	8441 PIONEER	HIST CORTESE	Higher	2098, 0.397, SSW
D26	MOBIL #18-E50 (FORME	8441 PIONEER BLVD S	LUST	Higher	2098, 0.397, SSW
D27	CIRCLE K #2211211 /F	8441 PIONEER BLVD. S	LUST, HAZNET	Higher	2098, 0.397, SSW
D28	CHEVRON #9-0913 (FOR	8505 PIONEER	LUST, HIST CORTESE	Higher	2378, 0.450, SSW
29	7-11 #20677	8244 NORWALK BLVD	LUST, HIST CORTESE	Lower	2599, 0.492, ESE
30	CUSTOM CHEMICAL FORM	8707 MILLERGROVE DRI	ENVIROSTOR, HAZNET	Lower	3251, 0.616, South
31	SUR LITE CORP	8124 ALLPORT AVE	ENVIROSTOR, EMI, HAZNET, HWP	Lower	4902, 0.928, ESE
32	AEROSPACE RIVET MFG	8535 DICE RD	RCRA-SQG, ENVIROSTOR, VCP, FINDS, ECHO, HAZNET, LA.	Lower	4927, 0.933, SE
33	QUAKER CITY PLATING,	7937 CHATFIELD AVENU	ENVIROSTOR	Lower	5131, 0.972, East
34	CAL-WESTERN PAINTS I	11748 SLAUSON AV	ENVIROSTOR, HIST UST, FINDS, ECHO, LOS ANGELES CO..	Lower	5174, 0.980, SE
35	RIVERA ROAD INDISCRI	9400 E RIVERA RD	ENVIROSTOR	Lower	5176, 0.980, WSW
36	MID WEST FABRICATING	8623 DICE RD.	ENVIROSTOR, FINDS, ECHO, HIST CORTESE, NPDES,...	Lower	5267, 0.998, SE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
WHITTIER UNION HSD/P 10800 BENA VON WHITTIER, CA 90606	HAZNET GEP AID: CAD982024119	N/A
PIONEER HIGH SCHOOL 10800 E BENA VON ST WHITTIER, CA 90606	UST Database: UST, Date of Government Version: 09/10/2018 Facility Id: LAC OFA0005153	N/A
PIONEER HIGH SCHOOL 10800 BENA VON ST WHITTIER, CA 90604	HAZNET GEP AID: CAC002558237	N/A
PIONEER HIGH SCHOOL 10800 E BENA VON ST WHITTIER, CA 90606	FINDS Registry ID:: 110066483184	N/A
WHITTIER UNION HSD/P 10800 VENA VON ST WHITTIER, CA 90606	HAZNET GEP AID: CAC002347809	N/A
WHITTIER UNION HSD/P 10800 BEN AVON ST WHITTIER, CA 90606	HAZNET GEP AID: CAD982024119	N/A
WHITTIER UNION HS DI 10800 E BENA VON ST WHITTIER, CA 90606	EMI Facility Id: 2487	N/A
LA COUNTY SANITATION 10800 E BENA VON ST WHITTIER, CA 90606	HAZNET GEP AID: CAH111000879	N/A
PIONEER HIGH SCHOOL 10800 BEN AVON ST WHITTIER, CA 90606	HAZNET GEP AID: CAC002569607	N/A

EXECUTIVE SUMMARY

PIONEER HIGH SCHOOL
10800 BEN AVON AVENU
WHITTIER, CA 90606

ENVIROSTOR
Facility Id: 60001878
Status: No Further Action

N/A

SCH
Facility Id: 60001878
Status: No Further Action

NPDES
Facility Status: Terminated

CIWQS

FORMER SHELL STATION
10800 BENA VON
WHITTIER, CA 90606

HIST CORTESE
Reg Id: 2487

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

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 CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-SQG..... RCRA - Small Quantity Generators

EXECUTIVE SUMMARY

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 - equivalent NPL

RESPONSE..... State Response Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

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 Brownfields Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

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

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

AOCONCERN.....	San Gabriel Valley Areas of Concern
HIST Cal-Sites.....	Historical Calsites Database
CDL.....	Clandestine Drug Labs
Toxic Pits.....	Toxic Pits Cleanup Act Sites
CERS HAZ WASTE.....	CERS HAZ WASTE
US CDL.....	National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST.....	Facility Inventory Database
CERS TANKS.....	California Environmental Reporting System (CERS) Tanks

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
RMP.....	Risk Management Plans
RAATS.....	RCRA Administrative Action Tracking System
PRP.....	Potentially Responsible Parties
PADS.....	PCB Activity Database System
ICIS.....	Integrated Compliance Information System
FTTS.....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS.....	Material Licensing Tracking System
COAL ASH DOE.....	Steam-Electric Plant Operation Data
COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program

EXECUTIVE SUMMARY

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
ECHO.....	Enforcement & Compliance History Information
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
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
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
CERS.....	CERS
WIP.....	Well Investigation Program Case List
PROJECT.....	PROJECT (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
UIC GEO.....	UIC GEO (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

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.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 11/14/2018 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>OMEGA CHEMICAL CORPO</i> Cerclis ID:: 903349 EPA Id: CAD042245001	<i>12504 AND 12512 E. W</i>	<i>SE 1/2 - 1 (0.995 mi.)</i>	<i>0</i>	<i>27</i>

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 03/01/2018 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>OMEGA CHEMICAL CORPO</i> EPA ID:: CAD042245001	<i>12504 AND 12512 E. W</i>	<i>SE 1/2 - 1 (0.995 mi.)</i>	<i>0</i>	<i>27</i>

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 03/01/2018 has revealed that there is 1

EXECUTIVE SUMMARY

RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
RITE AID #5495 EPA ID:: CAL000379703	7860 NORWALK BLVD	ENE 1/8 - 1/4 (0.204 mi.)	C21	94

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 identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/30/2018 has revealed that there are 7 ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CUSTOM CHEMICAL FORM Facility Id: 71002153 Status: No Action Required	8707 MILLERGROVE DRI	S 1/2 - 1 (0.616 mi.)	30	115
SUR LITE CORP Facility Id: 80001483 Status: * Inactive	8124 ALLPORT AVE	ESE 1/2 - 1 (0.928 mi.)	31	118
AEROSPACE RIVET MFG Facility Id: 71002824 Facility Id: 19340772 Status: Refer: Other Agency Status: No Further Action	8535 DICE RD	SE 1/2 - 1 (0.933 mi.)	32	121
QUAKER CITY PLATING, Facility Id: 71002243 Status: Refer: Other Agency	7937 CHATFIELD AVENUE	E 1/2 - 1 (0.972 mi.)	33	128
CAL-WESTERN PAINTS I Facility Id: 19280375 Status: No Further Action	11748 SLAUSON AV	SE 1/2 - 1 (0.980 mi.)	34	129
RIVERA ROAD INDISCR I Facility Id: 19490153 Status: No Action Required	9400 E RIVERA RD	WSW 1/2 - 1 (0.980 mi.)	35	140
MID WEST FABRICATING Facility Id: 71002143 Facility Id: 19340439 Status: Refer: Other Agency	8623 DICE RD.	SE 1/2 - 1 (0.998 mi.)	36	141

EXECUTIVE SUMMARY

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 6 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL #18-E50 (FORME) Database: LUST, Date of Government Version: 09/10/2018 Database: LUST REG 4, Date of Government Version: 09/07/2004 Status: Completed - Case Closed Facility Id: I-01034 Status: Case Closed Global Id: T0603702748 Global ID: T0603702748	8441 PIONEER BLVD S	SSW 1/4 - 1/2 (0.397 mi.)	D26	102
CIRCLE K #2211211 /F Database: LUST, Date of Government Version: 09/10/2018 Status: Open - Remediation Global Id: T0603782444	8441 PIONEER BLVD. S	SSW 1/4 - 1/2 (0.397 mi.)	D27	104
CHEVRON #9-0913 (FOR) Database: LUST, Date of Government Version: 09/10/2018 Database: LUST REG 4, Date of Government Version: 09/07/2004 Status: Completed - Case Closed Facility Id: I-01905 Status: Case Closed Global Id: T0603702809 Global ID: T0603702809	8505 PIONEER	SSW 1/4 - 1/2 (0.450 mi.)	D28	111
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOSCO - 76 STATION # Database: LUST, Date of Government Version: 09/10/2018 Database: LUST REG 4, Date of Government Version: 09/07/2004 Status: Completed - Case Closed Facility Id: R-11066 Status: Remedial action (cleanup) Underway Global Id: T0603705011 Global ID: T0603705011	11025 WASHINGTON BLV	E 1/8 - 1/4 (0.194 mi.)	B15	76
AGRICULTURAL PROPERT Database: LUST, Date of Government Version: 09/10/2018 Database: LUST REG 4, Date of Government Version: 09/07/2004 Status: Completed - Case Closed Facility Id: 011189-13 Status: Pollution Characterization Global Id: T0603700049 Global ID: T0603700049	SLAUSON AVE	S 1/4 - 1/2 (0.360 mi.)	24	99
7-11 #20677 Database: LUST, Date of Government Version: 09/10/2018 Database: LUST REG 4, Date of Government Version: 09/07/2004 Status: Completed - Case Closed	8244 NORWALK BLVD	ESE 1/4 - 1/2 (0.492 mi.)	29	113

EXECUTIVE SUMMARY

Facility Id: I-10084
Status: Case Closed
Global Id: T0603703572
Global ID: T0603703572

CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CPS-SLIC list, as provided by EDR, has revealed that there is 1 CPS-SLIC site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ALEXANDER-BELL PROPE Database: CPS-SLIC, Date of Government Version: 09/10/2018 Facility Status: Completed - Case Closed Global Id: SL2044K1595	TELEGRAPH RD/NORWALK	ENE 1/4 - 1/2 (0.255 mi.)	23	99

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 2 UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOSCO - 76 STATION # Database: UST CLOSURE, Date of Government Version: 09/10/2018	11025 EAST WASHINGTO	E 1/8 - 1/4 (0.194 mi.)	B12	74
AMERICAN ROYAL PETRO Database: UST, Date of Government Version: 09/10/2018 Facility Id: LACOF A0029136 Facility Id: 24749	11025 WASHINGTON BLV	E 1/8 - 1/4 (0.194 mi.)	B16	89

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 09/10/2018 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
REPLANET LLC	7810 NORWALK BLVD	ENE 1/8 - 1/4 (0.239 mi.)	C22	97

EXECUTIVE SUMMARY

Cert Id: RC155714.001

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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
UNOCAL CORP SS#6907 Status: A Tank Status: A Comp Number: 11066	11025 E WASHINGTON B	E 1/8 - 1/4 (0.194 mi.)	B14	75

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.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
76 STATION NO. 6907 SERVICE STATION 6907 Facility Id: 00000007868	11025 E WASHINGTON B 11025 WASHINGTON BLV	E 1/8 - 1/4 (0.194 mi.) E 1/8 - 1/4 (0.194 mi.)	B17 B18	89 90

Other Ascertainable Records

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 08/13/2018 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OMEGA CHEMICAL CORPO EPA ID:: CAD042245001	12504 AND 12512 E. W	SE 1/2 - 1 (0.995 mi.)	0	27

EXECUTIVE SUMMARY

DRYCLEANERS: 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 cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, has revealed that there are 2 DRYCLEANERS sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DRYCLEAN EXPRESS Database: DRYCLEAN SOUTH COAST, Date of Government Version: 10/04/2018	7822 NORWALK BLVD	ENE 1/8 - 1/4 (0.203 mi.)	C19	91
DRY CLEAN EXPRESS, P Database: DRYCLEAN SOUTH COAST, Date of Government Version: 10/04/2018	7822 NORWALK BLVD	ENE 1/8 - 1/4 (0.203 mi.)	C20	93

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 [CALSTATES]. 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 are 5 HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MOBIL #18-E50 (FORME) Reg Id: I-01034	8441 PIONEER	SSW 1/4 - 1/2 (0.397 mi.)	D25	102
CHEVRON #9-0913 (FOR Reg Id: I-01905	8505 PIONEER	SSW 1/4 - 1/2 (0.450 mi.)	D28	111
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FORMER UNOCAL 351479 Reg Id: R-11066	11025 WASHINGTON BLV	E 1/8 - 1/4 (0.194 mi.)	B13	75
AGRICULTURAL PROPERT Reg Id: 011189-13	SLAUSON AVE	S 1/4 - 1/2 (0.360 mi.)	24	99
7-11 #20677 Reg Id: I-10084	8244 NORWALK BLVD	ESE 1/4 - 1/2 (0.492 mi.)	29	113

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 08/20/2018 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SUR LITE CORP EPA Id: CAD981687114 Cleanup Status: CLOSED	8124 ALLPORT AVE	ESE 1/2 - 1 (0.928 mi.)	31	118

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 1 records.

Site Name














RICHFIELD OIL CORPORATION

Database(s)

ENVIROSTOR

OVERVIEW MAP - 5508191.2S



- | | | |
|---|--|--|
|  Target Property |  Indian Reservations BIA |  Areas of Concern |
|  Sites at elevations higher than or equal to the target property |  Power transmission lines | |
|  Sites at elevations lower than the target property |  100-year flood zone | |
|  Manufactured Gas Plants |  500-year flood zone | |
|  National Priority List Sites |  National Wetland Inventory | |
|  Dept. Defense Sites |  State Wetlands | |








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: Whittier Aquatics Center
 ADDRESS: 10800 Ben Avon Street
 Whittier CA 90606
 LAT/LONG: 33.973037 / 118.078652

CLIENT: Hana Resources
 CONTACT: Dale Schneeberger
 INQUIRY #: 5508191.2s
 DATE: December 11, 2018 8:10 am

DETAIL MAP - 5508191.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  100-year flood zone
-  500-year flood zone
-  National Wetland Inventory
-  State Wetlands
-  Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Whittier Aquatics Center
 ADDRESS: 10800 Ben Avon Street
 Whittier CA 90606
 LAT/LONG: 33.973037 / 118.078652

CLIENT: Hana Resources
 CONTACT: Dale Schneeberger
 INQUIRY #: 5508191.2s
 DATE: December 11, 2018 8:12 am

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	1	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL RESPONSE</i>								
RESPONSE	1.000		0	0	0	0	NR	0
<i>State- and tribal - equivalent CERCLIS ENVIROSTOR</i>								
ENVIROSTOR	1.000	1	0	0	0	7	NR	8
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		0	1	5	NR	NR	6

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
CPS-SLIC	0.500		0	0	1	NR	NR	1
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250	1	0	2	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	1	0	NR	NR	1
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								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
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
CERS HAZ WASTE	0.250		0	0	NR	NR	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	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
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	1	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	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		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>< 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>> 1</u>	<u>Total Plotted</u>
-----------------	--	----------------------------	-----------------	------------------	------------------	----------------	---------------	--------------------------

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A1
Target
Property

WHITTIER UNION HSD/PIONEER HS
10800 BENAVALON
WHITTIER, CA 90606

HAZNET S123075450
N/A

Site 1 of 11 in cluster A

Actual:
160 ft.

HAZNET:

envid: S123075450
Year: 2016
GEPaid: CAD982024119
Contact: EILEEN CHAVEZ, EXT 1102
Telephone: 5626988121
Mailing Name: Not reported
Mailing Address: 9401 S PAINTER AVE
Mailing City,St,Zip: WHITTIER, CA 906052729
Gen County: Los Angeles
TSD EPA ID: CAD009007626
TSD County: Los Angeles
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.46
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S123075450
Year: 2013
GEPaid: CAD982024119
Contact: EILEEN CHAVEZ, EXT 1102
Telephone: 5626988121
Mailing Name: Not reported
Mailing Address: 9401 S PAINTER AVE
Mailing City,St,Zip: WHITTIER, CA 906050000
Gen County: Los Angeles
TSD EPA ID: CAD009007626
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Not reported
Tons: 4.8
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: S123075450
Year: 2013
GEPaid: CAD982024119
Contact: EILEEN CHAVEZ, EXT 1102
Telephone: 5626988121
Mailing Name: Not reported
Mailing Address: 9401 S PAINTER AVE
Mailing City,St,Zip: WHITTIER, CA 906050000
Gen County: Los Angeles
TSD EPA ID: CAD009007626
TSD County: Los Angeles
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: 28

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHITTIER UNION HSD/PIONEER HS (Continued)

S123075450

Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: S123075450
Year: 2012
GEPaid: CAD982024119
Contact: EILEEN CHAVEZ, EXT 1102
Telephone: 5626988121
Mailing Name: Not reported
Mailing Address: 9401 S PAINTER AVE
Mailing City,St,Zip: WHITTIER, CA 906050000
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: 0.0025
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S123075450
Year: 2012
GEPaid: CAD982024119
Contact: EILEEN CHAVEZ, EXT 1102
Telephone: 5626988121
Mailing Name: Not reported
Mailing Address: 9401 S PAINTER AVE
Mailing City,St,Zip: WHITTIER, CA 906050000
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: 0.0025
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

[Click this hyperlink](#) while viewing on your computer to access 160 additional CA_HAZNET: record(s) in the EDR Site Report.

A2 PIONEER HIGH SCHOOL
Target 10800 E BENAON ST
Property WHITTIER, CA 90606

UST U004265208
N/A

Site 2 of 11 in cluster A

Actual:
160 ft.

UST:
Facility ID: LACOF A0005153
Permitting Agency: Los Angeles County Fire Department
Latitude: 33.96997
Longitude: -118.07964

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A3
Target
Property

PIONEER HIGH SCHOOL
10800 BENA VON ST
WHITTIER, CA 90604

HAZNET **S112925818**
N/A

Site 3 of 11 in cluster A

Actual:
160 ft.

HAZNET:
envid: S112925818
Year: 2003
GEPAID: CAC002558237
Contact: LEE PANAGOS EXT 153
Telephone: 5626988121
Mailing Name: Not reported
Mailing Address: 9401 PAINTER AVE
Mailing City,St,Zip: WHITTIER, CA 90605
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S112925818
Year: 2003
GEPAID: CAC002558237
Contact: LEE PANAGOS EXT 153
Telephone: 5626988121
Mailing Name: Not reported
Mailing Address: 9401 PAINTER AVE
Mailing City,St,Zip: WHITTIER, CA 90605
Gen County: Not reported
TSD EPA ID: CAD009007626
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 75.09
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

A4
Target
Property

PIONEER HIGH SCHOOL
10800 E BENA VON ST
WHITTIER, CA 90606

FINDS **1023351890**
N/A

Site 4 of 11 in cluster A

Actual:
160 ft.

FINDS:
Registry ID: 110066483184
Environmental Interest/Information System
STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A5 WHITTIER UNION HSD/PIONEER HIGH SCHOOL
Target 10800 VENA VON ST
Property WHITTIER, CA 90606

HAZNET S112914169
 N/A

Site 5 of 11 in cluster A

Actual: HAZNET:
160 ft. envid: S112914169
 Year: 2001
 GEPaid: CAC002347809
 Contact: CHUCK BAILEY/ASSIST MAINT DIRE
 Telephone: 8187761600
 Mailing Name: Not reported
 Mailing Address: 9401 S PAINTER AVE
 Mailing City,St,Zip: WHITTIER, CA 906050000
 Gen County: Not reported
 TSD EPA ID: CAD009007626
 TSD County: Not reported
 Waste Category: Asbestos containing waste
 Disposal Method: Disposal, Land Fill
 Tons: 21.07
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Los Angeles

A6 WHITTIER UNION HSD/PIONEER HIGH SCHOOL
Target 10800 BEN AVON ST
Property WHITTIER, CA 90606

HAZNET S123075449
 N/A

Site 6 of 11 in cluster A

Actual: HAZNET:
160 ft. envid: S123075449
 Year: 2016
 GEPaid: CAD982024119
 Contact: EILEEN CHAVEZ, EXT 1102
 Telephone: 5626988121
 Mailing Name: Not reported
 Mailing Address: 9401 S PAINTER AVE
 Mailing City,St,Zip: WHITTIER, CA 906052729
 Gen County: Los Angeles
 TSD EPA ID: CAD009007626
 TSD County: Los Angeles
 Waste Category: Asbestos containing waste
 Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To
 Include On-Site Treatment And/Or Stabilization)
 Tons: 0.46
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Los Angeles

envid: S123075449
 Year: 2013
 GEPaid: CAD982024119
 Contact: EILEEN CHAVEZ, EXT 1102
 Telephone: 5626988121
 Mailing Name: Not reported
 Mailing Address: 9401 S PAINTER AVE
 Mailing City,St,Zip: WHITTIER, CA 906050000
 Gen County: Los Angeles

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHITTIER UNION HSD/PIONEER HIGH SCHOOL (Continued)

S123075449

TSD EPA ID: CAD009007626
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Not reported
Tons: 4.8
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: S123075449
Year: 2013
GEPaid: CAD982024119
Contact: EILEEN CHAVEZ, EXT 1102
Telephone: 5626988121
Mailing Name: Not reported
Mailing Address: 9401 S PAINTER AVE
Mailing City,St,Zip: WHITTIER, CA 906050000
Gen County: Los Angeles
TSD EPA ID: CAD009007626
TSD County: Los Angeles
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: 28
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: S123075449
Year: 2012
GEPaid: CAD982024119
Contact: EILEEN CHAVEZ, EXT 1102
Telephone: 5626988121
Mailing Name: Not reported
Mailing Address: 9401 S PAINTER AVE
Mailing City,St,Zip: WHITTIER, CA 906050000
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: 0.0025
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S123075449
Year: 2012
GEPaid: CAD982024119
Contact: EILEEN CHAVEZ, EXT 1102
Telephone: 5626988121
Mailing Name: Not reported
Mailing Address: 9401 S PAINTER AVE
Mailing City,St,Zip: WHITTIER, CA 906050000
Gen County: Los Angeles
TSD EPA ID: NVT330010000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

WHITTIER UNION HSD/PIONEER HIGH SCHOOL (Continued)

S123075449

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: 0.0025
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

[Click this hyperlink](#) while viewing on your computer to access 160 additional CA_HAZNET: record(s) in the EDR Site Report.

**A7
Target
Property**

**WHITTIER UNION HS DIST, PIONEER
10800 E BENAVENTON ST
WHITTIER, CA 90606**

**EMI S105088823
N/A**

Site 7 of 11 in cluster A

**Actual:
160 ft.**

EMI:
Year: 1987
County Code: 19
Air Basin: SC
Facility ID: 2487
Air District Name: SC
SIC Code: 8221
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

Year: 1990
County Code: 19
Air Basin: SC
Facility ID: 2487
Air District Name: SC
SIC Code: 8211
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: 0
Carbon Monoxide Emissions Tons/Yr: 2
NOX - Oxides of Nitrogen Tons/Yr: 2
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

A8 LA COUNTY SANITATION DISTRICT
Target 10800 E BENAON ST
Property WHITTIER, CA 90606

HAZNET S113020323
N/A

Site 8 of 11 in cluster A

Actual:
160 ft.

HAZNET:
envid: S113020323
Year: 2016
GEPaid: CAH111000879
Contact: JOE REILLY
Telephone: 5626997411
Mailing Name: Not reported
Mailing Address: 1955 WORKMAN MILL RD
Mailing City,St,Zip: WHITTIER, CA 906010000
Gen County: Los Angeles
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Household waste
Disposal Method: Neutralization Only
Tons: 0.6
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113020323
Year: 2000
GEPaid: CAH111000879
Contact: JOE REILLY
Telephone: 5626997411
Mailing Name: Not reported
Mailing Address: 1955 WORKMAN MILL RD
Mailing City,St,Zip: WHITTIER, CA 906010000
Gen County: Not reported
TSD EPA ID: WAD991281767
TSD County: Not reported
Waste Category: Household waste
Disposal Method: Treatment, Tank
Tons: 1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113020323
Year: 2000
GEPaid: CAH111000879
Contact: JOE REILLY
Telephone: 5626997411
Mailing Name: Not reported
Mailing Address: 1955 WORKMAN MILL RD
Mailing City,St,Zip: WHITTIER, CA 906010000
Gen County: Not reported
TSD EPA ID: WAD991281767
TSD County: Not reported
Waste Category: Household waste
Disposal Method: Recycler
Tons: 41.75
Cat Decode: Not reported
Method Decode: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LA COUNTY SANITATION DISTRICT (Continued)

S113020323

Facility County: Los Angeles

envid: S113020323
Year: 2000
GEPAID: CAH111000879
Contact: JOE REILLY
Telephone: 5626997411
Mailing Name: Not reported
Mailing Address: 1955 WORKMAN MILL RD
Mailing City,St,Zip: WHITTIER, CA 906010000
Gen County: Not reported
TSD EPA ID: WAD991281767
TSD County: Not reported
Waste Category: Household waste
Disposal Method: Treatment, Incineration
Tons: 2.87
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113020323
Year: 2000
GEPAID: CAH111000879
Contact: JOE REILLY
Telephone: 5626997411
Mailing Name: Not reported
Mailing Address: 1955 WORKMAN MILL RD
Mailing City,St,Zip: WHITTIER, CA 906010000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Household waste
Disposal Method: Recycler
Tons: 9.59
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

A9 PIONEER HIGH SCHOOL
Target 10800 BEN AVON ST
Property WHITTIER, CA 90606

HAZNET S112932470
N/A

Site 9 of 11 in cluster A

Actual:
160 ft.

HAZNET:
envid: S112932470
Year: 2003
GEPAID: CAC002569607
Contact: LEE PANAGOS EXT 153
Telephone: 5626988121
Mailing Name: Not reported
Mailing Address: 9401 PAINTER AVE
Mailing City,St,Zip: WHITTIER, CA 90605
Gen County: Not reported
TSD EPA ID: CAD009007626

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER HIGH SCHOOL (Continued)

S112932470

TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 12.64
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

A10 PIONEER HIGH SCHOOL STADIUM MODERNIZATION
Target 10800 BEN AVON AVENUE
Property WHITTIER, CA 90606

ENVIROSTOR S113473408
SCH N/A
NPDES
CIWQS

Site 10 of 11 in cluster A

Actual:
160 ft.

ENVIROSTOR:
Facility ID: 60001878
Status: No Further Action
Status Date: 02/20/2014
Site Code: 304645
Site Type: School Investigation
Site Type Detailed: School
Acres: 8.9
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Angela Garcia
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 57
Senate: 32
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.97174
Longitude: -118.0789
APN: 8177-019-905
Past Use: AGRICULTURAL - ORCHARD
Potential COC: Arsenic Chlordane DDD DDE DDT Lead, Organic (tetraethyl lead)
Confirmed COC: Arsenic Lead, Organic (tetraethyl lead)
Potential Description: SOIL, SV
Alias Name: 8177-019-905
Alias Type: APN
Alias Name: 304645
Alias Type: Project Code (Site Code)
Alias Name: 60001878
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: 06/05/2013
Comments: Fully executed EOA sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER HIGH SCHOOL STADIUM MODERNIZATION (Continued)

S113473408

Completed Date: 11/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/30/2014
Comments: Site is NFA as of 11/14/13; CRU Memo completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/03/2013
Comments: DTSC issued a Preliminary Assessment Required letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/14/2013
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: 60001878
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 8.9
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: 304645
Assembly: 57
Senate: 32
Special Program Status: Not reported
Status: No Further Action
Status Date: 02/20/2014

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER HIGH SCHOOL STADIUM MODERNIZATION (Continued)

S113473408

Restricted Use: NO
Funding: School District
Latitude: 33.97174
Longitude: -118.0789
APN: 8177-019-905
Past Use: AGRICULTURAL - ORCHARD
Potential COC: Arsenic, Chlordane, DDD, DDE, DDT, Lead, Organic (tetraethyl lead)
Confirmed COC: Arsenic, Lead, Organic (tetraethyl lead)
Potential Description: SOIL, SV
Alias Name: 8177-019-905
Alias Type: APN
Alias Name: 304645
Alias Type: Project Code (Site Code)
Alias Name: 60001878
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: 06/05/2013
Comments: Fully executed EOA sent (FedEx) to District.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 11/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 01/30/2014
Comments: Site is NFA as of 11/14/13; CRU Memo completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/03/2013
Comments: DTSC issued a Preliminary Assessment Required letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Supplemental Site Investigation Report
Completed Date: 11/14/2013
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

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER HIGH SCHOOL STADIUM MODERNIZATION (Continued)

S113473408

Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

NPDES:

Facility Status: Terminated
NPDES Number: CAS000002
Region: 4
Agency Number: 0
Regulatory Measure ID: 442360
Place ID: Not reported
Order Number: 2009-0009-DWQ
WDID: 4 19C372943
Regulatory Measure Type: Enrollee
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 05/18/2015
Termination Date Of Regulatory Measure: 11/16/2015
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 9401 South Painter Avenue
Discharge Name: Whittier Union High School District
Discharge City: Whittier
Discharge State: California
Discharge Zip: 90605
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:

NPDES Number: CAS000002
Status: Terminated
Agency Number: 0
Region: 4
Regulatory Measure ID: 442360
Order Number: 2009-0009-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 4 19C372943
Program Type: Construction
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 05/18/2015
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: 11/16/2015
Discharge Name: Whittier Union High School District
Discharge Address: 9401 South Painter Avenue
Discharge City: Whittier
Discharge State: California
Discharge Zip: 90605
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER HIGH SCHOOL STADIUM MODERNIZATION (Continued)

S113473408

Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER HIGH SCHOOL STADIUM MODERNIZATION (Continued)

S113473408

Regulatory Measure ID: 442360
Order Number: Not reported
Regulatory Measure Type: Construction
Place ID: Not reported
WDID: 4 19C372943
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: 11/16/2015
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Received Date: 05/05/2015
Processed Date: 05/18/2015
Status: Terminated
Status Date: 12/15/2015
Place Size: 15.8
Place Size Unit: Acres
Contact: Martin Plourde
Contact Title: Assistant Superintendent
Contact Phone: 562-698-8121
Contact Phone Ext: 1010
Contact Email: Martin.plourde@wuhd.org
Operator Name: Whittier Union High School District
Operator Address: 9401 South Painter Avenue
Operator City: Whittier
Operator State: California
Operator Zip: 90605
Operator Contact: Martin Plourde
Operator Contact Title: Assistant Superintendent - Business Services
Operator Contact Phone: 562-698-8121
Operator Contact Phone Ext: 1010
Operator Contact Email: martin.plourde@wuhd.org
Operator Type: Other
Developer: Whittier Union High School District
Developer Address: 9401 South Painter Avenue
Developer City: Whittier
Developer State: California
Developer Zip: 90605
Developer Contact: Martin Plourde
Developer Contact Title: Assistant Superintendent - Business Services
Constype Linear Utility Ind: N
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: N
Constype Below Ground Ind: N
Constype Cable Line Ind: N
Constype Comm Line Ind: N
Constype Commercial Ind: N
Constype Electrical Line Ind: N
Constype Gas Line Ind: N
Constype Industrial Ind: N
Constype Other Description: School Site
Constype Other Ind: Y

Map ID
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER HIGH SCHOOL STADIUM MODERNIZATION (Continued)

S113473408

Constype Recons Ind:	N
Constype Residential Ind:	N
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Gabriel River
Certifier:	Martin Plourde
Certifier Title:	Assistant Superintendent Business
Certification Date:	05-MAY-15
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19C372943
Regulatory Measure Type:	Construction
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	12/15/2015
Operator Name:	Whittier Union High School District
Operator Address:	9401 South Painter Avenue
Operator City:	Whittier
Operator State:	California
Operator Zip:	90605
NPDES as of 03/2018:	
NPDES Number:	CAS000002
Status:	Terminated
Agency Number:	0
Region:	4
Regulatory Measure ID:	442360
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19C372943
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/18/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	11/16/2015

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER HIGH SCHOOL STADIUM MODERNIZATION (Continued)

S113473408

Discharge Name:	Whittier Union High School District
Discharge Address:	9401 South Painter Avenue
Discharge City:	Whittier
Discharge State:	California
Discharge Zip:	90605
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER HIGH SCHOOL STADIUM MODERNIZATION (Continued)

S113473408

Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	442360
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	4 19C372943
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:	11/16/2015
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/05/2015
Processed Date:	05/18/2015
Status:	Terminated
Status Date:	12/15/2015
Place Size:	15.8
Place Size Unit:	Acres
Contact:	Martin Plourde
Contact Title:	Assistant Superintendent
Contact Phone:	562-698-8121
Contact Phone Ext:	1010
Contact Email:	Martin.plourde@wuhd.org
Operator Name:	Whittier Union High School District
Operator Address:	9401 South Painter Avenue
Operator City:	Whittier
Operator State:	California
Operator Zip:	90605
Operator Contact:	Martin Plourde
Operator Contact Title:	Assistant Superintendent - Business Services
Operator Contact Phone:	562-698-8121
Operator Contact Phone Ext:	1010
Operator Contact Email:	martin.plourde@wuhd.org
Operator Type:	Other
Developer:	Whittier Union High School District
Developer Address:	9401 South Painter Avenue
Developer City:	Whittier
Developer State:	California
Developer Zip:	90605
Developer Contact:	Martin Plourde
Developer Contact Title:	Assistant Superintendent - Business Services
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N

Map ID
Direction
Distance
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PIONEER HIGH SCHOOL STADIUM MODERNIZATION (Continued)

S113473408

Constype Below Ground Ind: N
Constype Cable Line Ind: N
Constype Comm Line Ind: N
Constype Commercial Ind: N
Constype Electrical Line Ind: N
Constype Gas Line Ind: N
Constype Industrial Ind: N
Constype Other Description: School Site
Constype Other Ind: Y
Constype Recons Ind: N
Constype Residential Ind: N
Constype Transport Ind: N
Constype Utility Description: Not reported
Constype Utility Ind: N
Constype Water Sewer Ind: N
Dir Discharge Uswater Ind: N
Receiving Water Name: San Gabriel River
Certifier: Martin Plourde
Certifier Title: Assistant Superintendent Business
Certification Date: 05-MAY-15
Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

CIWQS:

Agency: Whittier Union High School District
Agency Address: 9401 South Painter Avenue, Whittier, CA 90605
Place/Project Type: Construction - Other: School Site
SIC/NAICS: Not reported
Region: 4
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 4 19C372943
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 05/18/2015
Termination Date: 11/16/2015
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 0
Violations within 5 years: 0
Latitude: 33.97174
Longitude: -118.0789

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

A11
Target
Property

FORMER SHELL STATION
10800 BENAVALON
WHITTIER, CA 90606

HIST CORTESE **S103995836**
N/A

Site 11 of 11 in cluster A

Actual: HIST CORTESE:
160 ft. Region: CORTESE
 Facility County Code: 19
 Reg By: LTNKA
 Reg Id: 2487

NPL
Region
SE
1/2-1
5251 ft.

OMEGA CHEMICAL CORPORATION
12504 AND 12512 E. WHITTIER BOULEVARD
WHITTIER, CA 90602

NPL **1000232419**
SEMS **CAD042245001**
CORRACTS
RCRA-TSDF
RCRA-LQG
US ENG CONTROLS
US INST CONTROL
SWEEPS UST
HIST UST
ROD
RAATS
PRP
EMI

NPL:
EPA ID: CAD042245001
Cercelis ID: 903349
EPA Region: 9
Federal: N
Final Date: 1999-01-19 00:00:00
Site Score: 30.940000000000001
Latitude: 33.969721999999997
Longitude: -118.042222

Site Details:
Site Name: OMEGA CHEMICAL CORPORATION
Site Status: Final
Site Zip: 90602
Site City: WHITTIER
Site State: CA
Federal Site: No
Site County: LOS ANGELES
EPA Region: 09
Date Proposed: 09/29/98
Date Deleted: Not reported
Date Finalized: 01/19/99

Substance Details:
NPL Status: Currently on the Final NPL
Substance ID: Not reported
Substance: Not reported
CAS #: Not reported
Pathway: Not reported
Scoring: Not reported

NPL Status: Currently on the Final NPL
Substance ID: A003

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Substance:	ANTIMONY AND COMPOUNDS
CAS #:	Not reported
Pathway:	GROUND WATER PATHWAY
Scoring:	3
NPL Status:	Currently on the Final NPL
Substance ID:	A005
Substance:	ARSENIC AND COMPOUNDS
CAS #:	Not reported
Pathway:	GROUND WATER PATHWAY
Scoring:	3
NPL Status:	Currently on the Final NPL
Substance ID:	A006
Substance:	BARIUM AND COMPOUNDS
CAS #:	Not reported
Pathway:	GROUND WATER PATHWAY
Scoring:	3
NPL Status:	Currently on the Final NPL
Substance ID:	A020
Substance:	CHROMIUM AND COMPOUNDS
CAS #:	Not reported
Pathway:	GROUND WATER PATHWAY
Scoring:	3
NPL Status:	Currently on the Final NPL
Substance ID:	A038
Substance:	NICKEL AND COMPOUNDS
CAS #:	Not reported
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	A046
Substance:	POLYCHLORINATED BIPHENYLS
CAS #:	1336-36-3
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	A091
Substance:	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE
CAS #:	76-13-1
Pathway:	GROUND WATER PATHWAY
Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	C177
Substance:	COBALT AND COMPOUNDS
CAS #:	Not reported
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C178
Substance:	COPPER AND COMPOUNDS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

CAS #:	Not reported
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C247
Substance:	ZINC AND COMPOUNDS
CAS #:	Not reported
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	C460
Substance:	MERCURY
CAS #:	7439-97-6
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	D008
Substance:	LEAD (PB)
CAS #:	7439-92-1
Pathway:	NO PATHWAY INDICATED
Scoring:	1
NPL Status:	Currently on the Final NPL
Substance ID:	U078
Substance:	DICHLOROETHENE, 1,1-
CAS #:	75-35-4
Pathway:	GROUND WATER PATHWAY
Scoring:	4
NPL Status:	Currently on the Final NPL
Substance ID:	U080
Substance:	METHYLENE CHLORIDE
CAS #:	75-09-2
Pathway:	GROUND WATER PATHWAY
Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	U121
Substance:	TRICHLOROFLUOROMETHANE
CAS #:	75-69-4
Pathway:	GROUND WATER PATHWAY
Scoring:	2
NPL Status:	Currently on the Final NPL
Substance ID:	U210
Substance:	TETRACHLOROETHENE
CAS #:	127-18-4
Pathway:	GROUND WATER PATHWAY
Scoring:	4
NPL Status:	Currently on the Final NPL
Substance ID:	U226
Substance:	TRICHLOROETHANE, 1,1,1-
CAS #:	71-55-6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Pathway: GROUND WATER PATHWAY
Scoring: 2

NPL Status: Currently on the Final NPL
Substance ID: U228
Substance: TRICHLOROETHYLENE (TCE)
CAS #: 79-01-6
Pathway: GROUND WATER PATHWAY
Scoring: 2

Summary Details:

Conditions at Proposal September 29, 1998): The Omega Chemical Corporation Omega) site is a former hazardous waste treatment and storage facility that operated from 1976 to 1991 on a 40,000-square foot property in Whittier, Los Angeles County, California. Omega conducted solvent recovery using an on-site fractionation and distillation process and operated as a storage and transfer facility for various hazardous waste classifications. Hazardous wastes stored on site contained mainly chlorinated and aromatic solvents. In June 1995, before removal activities, the Omega site consisted of thousands of drums of hazardous waste, two roll-off bins of hardened resin material, hundreds of empty but contaminated drums, numerous cylinders with capacities ranging from 15 to 20,000 pounds, and various other smaller containers of waste and/or hazardous waste. Inside the on-site warehouse there were hundreds more 55-gallon drums that Omega claimed to be product and assorted smaller containers of hazardous material. Since 1991, the California Department of Toxic Substances Control (DTSC) and EPA's Hazardous Waste Management Division have been actively trying to get the owner/operator to remove the wastes and clean up the site. In March 1995, the site owner/operator plead guilty to two felony counts of illegal storage and disposal of hazardous wastes. On May 9, 1995, EPA issued CERCLA Administrative Order No. 95-15 to the owner of Omega and to generators of hazardous waste that had shipped major quantities of material to Omega. During 1995, EPA's Superfund Emergency Response Office oversaw Phase I removal activities, during which contractors to a responsible party group removed all hazardous materials and wastes from the site. Phase II site activities began in November 1995 and included collection and analyses of subsurface soil and ground water at the site. Analytical results indicated that subsurface soil samples were mainly contaminated with tetrachloroethene (PCE), with lesser amounts of trichloroethene, dichloroethene and other chlorinated hydrocarbons, Freons and metals. PCE contamination was detected in soil at concentrations ranging from 1.9 milligrams per kilogram (mg/kg) to 510 mg/kg. Ground water samples collected at the site contained PCE up to 86,000 micrograms per liter as well as significant concentrations of other chlorinated hydrocarbons and Freons. Phase II activities documented the presence of PCE in shallow ground water in a plume that extends almost 1 mile downgradient of the site. Although the ground water samples were collected in the shallow regional aquifer of the Lakewood Formation and most of the municipal drinking water wells draw water from the San Pedro Formation, California Department of Water Resources hydrogeologic cross-sections of the Lakewood and Upper San Pedro Formations indicate that aquifers are interconnected within 2 miles of the site. Eight water purveyors draw ground water from 35 wells within 4 miles of the site to supply drinking water to approximately 284,270 people. The nearest well to the site is 1.3 miles to the west. This and nearly two-thirds of the wells within 4 miles draw water from the Lakewood and Upper San Pedro formation aquifers. The San Gabriel River is the nearest surface water body at approximately 2.5 miles from the site. The site is located in a mixed industrial and residential community, with residences located across Whittier Boulevard to the northeast. Status January 1999): EPA is

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

considering various alternatives for the site. The description of the site release) is based on information available at the time the site was scored. The description may change as additional information is gathered on the sources and extent of contamination. See 56 FR 5600, February 11, 1991, or subsequent FR notices.

Site Status Details:

NPL Status: Final
Proposed Date: 09/29/1998
Final Date: 01/19/1999
Deleted Date: Not reported

Narratives Details:

NPL Name: OMEGA CHEMICAL CORPORATION
City: WHITTIER
State: CA

SEMS:

Site ID: 903349
EPA ID: CAD042245001
Cong District: Not reported
FIPS Code: 6037
Latitude: 33.969721999999997
Longitude: -118.042222
FF: N
NPL: Currently on the Final NPL
Non NPL Status: Not reported

SEMS Detail:

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 2
Action Code: RI
Action Name: RI
SEQ: 1
Start Date: 2000-04-11 00:00:00
Finish Date: 8/30/2010
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 2
Action Code: RO
Action Name: ROD
SEQ: 1
Start Date: 2011-09-20 00:00:00
Finish Date: 9/20/2011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	9
Site ID:	903349
EPA ID:	CAD042245001
Site Name:	OMEGA CHEMICAL CORPORATION
NPL:	F
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1990-06-01 00:00:00
Finish Date:	6/1/1990
Qual:	D
Current Action Lead:	EPA Perf
Region:	9
Site ID:	903349
EPA ID:	CAD042245001
Site Name:	OMEGA CHEMICAL CORPORATION
NPL:	F
FF:	N
OU:	1
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	2
Start Date:	2015-09-30 00:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	9
Site ID:	903349
EPA ID:	CAD042245001
Site Name:	OMEGA CHEMICAL CORPORATION
NPL:	F
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	2
Start Date:	1995-05-10 00:00:00
Finish Date:	5/10/1995
Qual:	H
Current Action Lead:	EPA Perf
Region:	9
Site ID:	903349
EPA ID:	CAD042245001
Site Name:	OMEGA CHEMICAL CORPORATION
NPL:	F
FF:	N
OU:	0
Action Code:	HR
Action Name:	HAZRANK

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

SEQ: 1
Start Date: 1999-01-19 00:00:00
Finish Date: 1/19/1999
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 2
Action Code: RI
Action Name: RI
SEQ: 2
Start Date: 2011-09-21 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 0
Action Code: CR
Action Name: CI
SEQ: 2
Start Date: 2011-12-08 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 0
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1989-07-12 00:00:00
Finish Date: 7/12/1989
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

OU: 0
Action Code: MA
Action Name: ST COOP
SEQ: 2
Start Date: 2010-10-07 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 0
Action Code: MA
Action Name: ST COOP
SEQ: 1
Start Date: 2010-10-07 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 0
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 1995-06-30 00:00:00
Finish Date: 6/30/1995
Qual: V
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 0
Action Code: AR
Action Name: ADMIN REC
SEQ: 2
Start Date: 2000-07-24 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 2
Action Code: FS
Action Name: FS
SEQ: 1
Start Date: 2006-06-14 00:00:00
Finish Date: 9/20/2011
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 0
Action Code: CR
Action Name: CI
SEQ: 1
Start Date: 2000-12-19 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 1
Action Code: RO
Action Name: ROD
SEQ: 2
Start Date: 2008-09-30 00:00:00
Finish Date: 9/30/2008
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 0
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 1999-01-19 00:00:00
Finish Date: 1/19/1999
Qual: Not reported
Current Action Lead: EPA Perf

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 0
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 1998-09-29 00:00:00
Finish Date: 9/29/1998
Qual: Not reported
Current Action Lead: EPA Perf

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 0
Action Code: BB
Action Name: PRP RV
SEQ: 1
Start Date: 1995-06-27 00:00:00
Finish Date: 9/24/2001
Qual: S
Current Action Lead: EPA Ovrsght

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 3
Action Code: BB
Action Name: PRP RV
SEQ: 4
Start Date: 2009-12-15 00:00:00
Finish Date: Not reported
Qual: S
Current Action Lead: EPA Ovrsght

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 1
Action Code: BB
Action Name: PRP RV
SEQ: 2
Start Date: 2006-07-10 00:00:00
Finish Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Qual:	S
Current Action Lead:	EPA Ovrsght
Region:	9
Site ID:	903349
EPA ID:	CAD042245001
Site Name:	OMEGA CHEMICAL CORPORATION
NPL:	F
FF:	N
OU:	1
Action Code:	BF
Action Name:	PRP RA
SEQ:	2
Start Date:	2013-10-30 00:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	9
Site ID:	903349
EPA ID:	CAD042245001
Site Name:	OMEGA CHEMICAL CORPORATION
NPL:	F
FF:	N
OU:	3
Action Code:	BB
Action Name:	PRP RV
SEQ:	3
Start Date:	2007-03-26 00:00:00
Finish Date:	4/4/2007
Qual:	C
Current Action Lead:	EPA Ovrsght
Region:	9
Site ID:	903349
EPA ID:	CAD042245001
Site Name:	OMEGA CHEMICAL CORPORATION
NPL:	F
FF:	N
OU:	1
Action Code:	BE
Action Name:	PRP RD
SEQ:	2
Start Date:	2010-05-14 00:00:00
Finish Date:	10/30/2013
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	9
Site ID:	903349
EPA ID:	CAD042245001
Site Name:	OMEGA CHEMICAL CORPORATION
NPL:	F
FF:	N
OU:	2
Action Code:	BE
Action Name:	PRP RD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

SEQ: 1
Start Date: 2017-03-31 00:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Ovrsght

Region: 9
Site ID: 903349
EPA ID: CAD042245001
Site Name: OMEGA CHEMICAL CORPORATION
NPL: F
FF: N
OU: 1
Action Code: EE
Action Name: EE/CA
SEQ: 1
Start Date: 2002-09-30 00:00:00
Finish Date: 9/28/2005
Qual: Not reported
Current Action Lead: EPA Ovrsght

CORRACTS:

EPA ID: CAD042245001
EPA Region: 9
Area Name: DRUM STORAGE AREAS
Actual Date: Not reported
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation
NAICS Code(s): 56291
Remediation Services
Original schedule date: 19911209
Schedule end date: Not reported

RCRA-TSDF:

Date form received by agency: 02/22/2010
Facility name: OMEGA CHEMICAL SITE PRP ORGANIZED GROUP
Facility address: 12504 - 12512 EAST WHITTIER BL
VD
WHITTIER, CA 90602
EPA ID: CAD042245001
Mailing address: SCOTT STREET, STE. 101
SAN DIEGO, CA 92106
Contact: EDWARD MODIANO
Contact address: SCOTT STREET, STE. 101
SAN DIEGO, CA 92106
Contact country: US
Contact telephone: 619-546-8377
Contact email: EDM@DEMAXIMIS.COM
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

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: OMEGA CHEMICAL SITE PRP ORGANIZED GROUP
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1992
Owner/Op end date: Not reported

Owner/operator name: OMEGA CHEMICAL SITE PRP OPERATING GROUP
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: 05/09/1995
Owner/Op end date: Not reported

Owner/operator name: VAN OWEN HOLDINGS
Owner/operator address: SOUTH SANTA MONICA BLVD.
BEVERLY HILLS, CA 90212
Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2003
Owner/Op end date: Not reported

Owner/operator name: OMEGA CHEMICAL COMPANY
Owner/operator address: 12504 & 12514 E. WHITTIER BLVD
WHITTIER, CA 90602
Owner/operator country: US
Owner/operator telephone: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/23/1982
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: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

Historical Generators:

Date form received by agency: 02/20/2008
Site name: OMEGA CHEMICAL SITE PRP ORGANIZED GROUP
Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

Date form received by agency: 06/22/2004

Site name: OMEGA CHEMICAL SITE PRP ORGANIZED GROUP
Classification: Small Quantity Generator

Date form received by agency: 06/22/2004

Site name: OMEGA CHEMICAL SITE PRP ORGANIZED GROUP
Classification: Large Quantity Generator

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

. 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 LISTED IN F001, F004, OR 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: OMEGA CHEMICAL SITE PRP ORG GP
Classification: Small Quantity Generator

Date form received by agency: 07/06/1995

Site name: OMEGA CHEMICAL SITE PRP ORG GP
Classification: Large Quantity Generator

Date form received by agency: 03/05/1990

Site name: OMEGA RECOVERY SERVICE

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OMEGA CHEMICAL CORPORATION (Continued)

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Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 06/01/1990
Event: CA PRIORITIZATION-HIGH CA PRIORITY

Event date: 06/01/1990
Event: PA OR CERCLA INSPECTION

Event date: 06/01/1990
Event: LEAD AGENCY DETERMINATION

Event date: 07/18/1991
Event: CA PRIORITIZATION-HIGH CA PRIORITY

Event date: 10/17/1991
Event: 3008(H) ENFORCMT INTERIM STATUS

Event date: 12/01/1991
Event: RFI IMPOSITION-FOCUSED DATA COLLECTION REQ STAB EVAL

Event date: 04/07/1995
Event: REFERRED TO A NON-RCRA AUTHORITY-REFERRED TO CERCLA

Event date: Not reported
Event: RFI IMPOSITION-FOCUSED DATA COLLECTION REQ STAB EVAL

Facility Has Received Notices of Violations:

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 06/11/1996
Date achieved compliance: 01/01/1997
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: 10/25/1994
Date achieved compliance: 03/25/1995
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

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OMEGA CHEMICAL CORPORATION (Continued)

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Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 10/25/1994
Date achieved compliance: 03/25/1995
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 - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 01/20/1993
Date achieved compliance: 10/25/1994
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 - FEA
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 01/20/1993
Date achieved compliance: 10/25/1994
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 12/09/1992
Date achieved compliance: 02/02/1993
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: FR - 264.140-150.H

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Area of violation: TSD - Financial Requirements
Date violation determined: 11/21/1991
Date achieved compliance: 01/01/1992
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/1990
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 - 270
Area of violation: TSD - General
Date violation determined: 05/14/1991
Date achieved compliance: 10/13/1992
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 ALL
Area of violation: LDR - General
Date violation determined: 06/18/1990
Date achieved compliance: 05/14/1991
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 - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 06/18/1990
Date achieved compliance: 05/14/1991
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

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Date violation determined: 06/18/1990
Date achieved compliance: 05/14/1991
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 - 270
Area of violation: TSD - General
Date violation determined: 06/18/1990
Date achieved compliance: 10/13/1992
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 - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 05/25/1990
Date achieved compliance: 03/25/1995
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 - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 08/28/1989
Date achieved compliance: 03/25/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/12/1989
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 - 268.7
Area of violation: LDR - General
Date violation determined: 08/21/1989

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Date achieved compliance: 03/25/1995
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 - 270
Area of violation: TSD - General
Date violation determined: 08/21/1989
Date achieved compliance: 03/25/1995
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 - 270
Area of violation: TSD - General
Date violation determined: 08/21/1989
Date achieved compliance: 03/25/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/05/1989
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 - 268.7
Area of violation: LDR - General
Date violation determined: 08/21/1989
Date achieved compliance: 03/25/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/05/1989
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 - 268 ALL
Area of violation: LDR - General
Date violation determined: 08/21/1989
Date achieved compliance: 06/18/1990

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1000232419

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/05/1989
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 - 268 ALL
Area of violation: LDR - General
Date violation determined: 08/21/1989
Date achieved compliance: 06/18/1990
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 - 270
Area of violation: TSD - General
Date violation determined: 12/04/1987
Date achieved compliance: 01/25/1996
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 02/08/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 12/04/1987
Date achieved compliance: 01/25/1996
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 02/08/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 12/04/1987
Date achieved compliance: 03/25/1995
Violation lead agency: State

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 04/15/1988
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 - 268.7
Area of violation: LDR - General
Date violation determined: 12/04/1987
Date achieved compliance: 01/25/1996
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 02/08/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
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: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/30/1987
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 - 270
Area of violation: TSD - General
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Enforcement action date: 11/18/1987
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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/18/1987
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 - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/18/1987
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 - 268.7
Area of violation: LDR - General
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
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: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/30/1987

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1000232419

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 - 270
Area of violation: TSD - General
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/30/1987
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: 06/10/1996
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/01/1997
Evaluation lead agency: State

Evaluation date: 01/25/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/25/1995
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/25/1994
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/25/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/25/1995
Evaluation lead agency: State

Evaluation date: 10/25/1994
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Evaluation date: 02/09/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/20/1993
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/09/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/02/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/13/1992
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - General
Date achieved compliance: 10/25/1994
Evaluation lead agency: State

Evaluation date: 10/13/1992
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Formal Enforcement Agreement or Order
Date achieved compliance: 10/25/1994
Evaluation lead agency: State

Evaluation date: 11/21/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/01/1992
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 05/14/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/13/1992
Evaluation lead agency: State

Evaluation date: 06/18/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 05/14/1991
Evaluation lead agency: State

Evaluation date: 06/18/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/14/1991
Evaluation lead agency: State

Evaluation date: 06/18/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General

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EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Date achieved compliance: 10/13/1992
Evaluation lead agency: State

Evaluation date: 05/25/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/25/1995
Evaluation lead agency: State

Evaluation date: 08/28/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/25/1995
Evaluation lead agency: State

Evaluation date: 08/21/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 06/18/1990
Evaluation lead agency: State

Evaluation date: 08/21/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 03/25/1995
Evaluation lead agency: State

Evaluation date: 08/21/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/25/1995
Evaluation lead agency: State

Evaluation date: 12/04/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/25/1996
Evaluation lead agency: EPA

Evaluation date: 12/04/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/25/1995
Evaluation lead agency: State

Evaluation date: 12/04/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 01/25/1996
Evaluation lead agency: EPA

Evaluation date: 11/18/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/18/1989
Evaluation lead agency: State

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1000232419

Evaluation date: 11/18/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 08/18/1989
Evaluation lead agency: State

Evaluation date: 11/18/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/18/1989
Evaluation lead agency: State

RCRA-LQG:

Date form received by agency: 02/22/2010
Facility name: OMEGA CHEMICAL SITE PRP ORGANIZED GROUP
Facility address: 12504 - 12512 EAST WHITTIER BL
VD
WHITTIER, CA 90602
EPA ID: CAD042245001
Mailing address: SCOTT STREET, STE. 101
SAN DIEGO, CA 92106
Contact: EDWARD MODIANO
Contact address: SCOTT STREET, STE. 101
SAN DIEGO, CA 92106
Contact country: US
Contact telephone: 619-546-8377
Contact email: EDM@DEMAXIMIS.COM
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 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: OMEGA CHEMICAL SITE PRP ORGANIZED GROUP
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator

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Database(s)

EDR ID Number
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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Owner/Op start date: 01/01/1992
Owner/Op end date: Not reported

Owner/operator name: OMEGA CHEMICAL SITE PRP OPERATING GROUP
Owner/operator address: Not reported
Not reported

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: 05/09/1995
Owner/Op end date: Not reported

Owner/operator name: VAN OWEN HOLDINGS
Owner/operator address: SOUTH SANTA MONICA BLVD.
BEVERLY HILLS, CA 90212

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/2003
Owner/Op end date: Not reported

Owner/operator name: OMEGA CHEMICAL COMPANY
Owner/operator address: 12504 & 12514 E. WHITTIER BLVD
WHITTIER, CA 90602

Owner/operator country: US
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 07/23/1982
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

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Used oil transporter: No

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

Historical Generators:

Date form received by agency: 02/20/2008

Site name: OMEGA CHEMICAL SITE PRP ORGANIZED GROUP

Classification: Large Quantity Generator

. Waste code: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D002
. Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

. Waste code: D028
. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029
. Waste name: 1,1-DICHLOROETHYLENE

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

Date form received by agency: 06/22/2004

Site name: OMEGA CHEMICAL SITE PRP ORGANIZED GROUP

Classification: Small Quantity Generator

Date form received by agency: 06/22/2004

Site name: OMEGA CHEMICAL SITE PRP ORGANIZED GROUP

Classification: Large Quantity Generator

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

- . Waste code: D028
- . Waste name: 1,2-DICHLOROETHANE

- . Waste code: D029
- . Waste name: 1,1-DICHLOROETHYLENE

- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE

- . 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 LISTED IN F001, F004, OR 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: OMEGA CHEMICAL SITE PRP ORG GP
Classification: Small Quantity Generator

Date form received by agency: 07/06/1995
Site name: OMEGA CHEMICAL SITE PRP ORG GP
Classification: Large Quantity Generator

Date form received by agency: 03/05/1990
Site name: OMEGA RECOVERY SERVICE
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 06/01/1990
Event: CA PRIORITIZATION-HIGH CA PRIORITY

Event date: 06/01/1990
Event: PA OR CERCLA INSPECTION

Event date: 06/01/1990
Event: LEAD AGENCY DETERMINATION

Event date: 07/18/1991
Event: CA PRIORITIZATION-HIGH CA PRIORITY

Event date: 10/17/1991
Event: 3008(H) ENFORCMT INTERIM STATUS

Event date: 12/01/1991
Event: RFI IMPOSITION-FOCUSED DATA COLLECTION REQ STAB EVAL

Event date: 04/07/1995
Event: REFERRED TO A NON-RCRA AUTHORITY-REFERRED TO CERCLA

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Database(s)

EDR ID Number
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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Event date: Not reported
Event: RFI IMPOSITION-FOCUSED DATA COLLECTION REQ STAB EVAL

Facility Has Received Notices of Violations:

Regulation violated: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 06/11/1996
Date achieved compliance: 01/01/1997
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: 10/25/1994
Date achieved compliance: 03/25/1995
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 - 270
Area of violation: TSD - General
Date violation determined: 10/25/1994
Date achieved compliance: 03/25/1995
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 - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 01/20/1993
Date achieved compliance: 10/25/1994
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

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - FEA
Area of violation: Formal Enforcement Agreement or Order
Date violation determined: 01/20/1993
Date achieved compliance: 10/25/1994
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: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 12/09/1992
Date achieved compliance: 02/02/1993
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: FR - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 11/21/1991
Date achieved compliance: 01/01/1992
Violation lead agency: EPA
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 08/03/1990
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 - 270
Area of violation: TSD - General
Date violation determined: 05/14/1991
Date achieved compliance: 10/13/1992
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

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MAP FINDINGS

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 06/18/1990
Date achieved compliance: 05/14/1991
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 - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 06/18/1990
Date achieved compliance: 05/14/1991
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: 06/18/1990
Date achieved compliance: 05/14/1991
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 - 270
Area of violation: TSD - General
Date violation determined: 06/18/1990
Date achieved compliance: 10/13/1992
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

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Regulation violated: F - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 05/25/1990
Date achieved compliance: 03/25/1995
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 - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 08/28/1989
Date achieved compliance: 03/25/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 12/12/1989
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 - 268.7
Area of violation: LDR - General
Date violation determined: 08/21/1989
Date achieved compliance: 03/25/1995
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 - 270
Area of violation: TSD - General
Date violation determined: 08/21/1989
Date achieved compliance: 03/25/1995
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 - 270

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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Area of violation: TSD - General
Date violation determined: 08/21/1989
Date achieved compliance: 03/25/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/05/1989
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 - 268.7
Area of violation: LDR - General
Date violation determined: 08/21/1989
Date achieved compliance: 03/25/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/05/1989
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 - 268 ALL
Area of violation: LDR - General
Date violation determined: 08/21/1989
Date achieved compliance: 06/18/1990
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/05/1989
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 - 268 ALL
Area of violation: LDR - General
Date violation determined: 08/21/1989
Date achieved compliance: 06/18/1990
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 - 270
Area of violation: TSD - General

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EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Date violation determined: 12/04/1987
Date achieved compliance: 01/25/1996
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 02/08/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 268 ALL
Area of violation: LDR - General
Date violation determined: 12/04/1987
Date achieved compliance: 01/25/1996
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 02/08/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
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: 12/04/1987
Date achieved compliance: 03/25/1995
Violation lead agency: State
Enforcement action: INITIAL 3008(A) COMPLIANCE
Enforcement action date: 04/15/1988
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 - 268.7
Area of violation: LDR - General
Date violation determined: 12/04/1987
Date achieved compliance: 01/25/1996
Violation lead agency: EPA
Enforcement action: Not reported
Enforcement action date: 02/08/1988
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: EPA
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 268 ALL
Area of violation: LDR - General
Date violation determined: 11/18/1987

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EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Date achieved compliance: 08/18/1989
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: FR - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/30/1987
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 - 270
Area of violation: TSD - General
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/18/1987
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 - 264.110-120.G
Area of violation: TSD - Closure/Post-Closure
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/18/1987
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 - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989

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EDR ID Number
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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/18/1987
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 - 268.7
Area of violation: LDR - General
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
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: FR - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/30/1987
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 - 270
Area of violation: TSD - General
Date violation determined: 11/18/1987
Date achieved compliance: 08/18/1989
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 12/30/1987
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: 06/10/1996
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/01/1997

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EDR ID Number
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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Evaluation lead agency: State

Evaluation date: 01/25/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/25/1995
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/25/1994
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/25/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/25/1995
Evaluation lead agency: State

Evaluation date: 10/25/1994
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/09/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 01/20/1993
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 12/09/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/02/1993
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 10/13/1992
Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: TSD - General
Date achieved compliance: 10/25/1994
Evaluation lead agency: State

Evaluation date: 10/13/1992

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Database(s)

EDR ID Number
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OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Evaluation: COMPLIANCE SCHEDULE EVALUATION
Area of violation: Formal Enforcement Agreement or Order
Date achieved compliance: 10/25/1994
Evaluation lead agency: State

Evaluation date: 11/21/1991
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 01/01/1992
Evaluation lead agency: EPA Contractor/Grantee

Evaluation date: 05/14/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/13/1992
Evaluation lead agency: State

Evaluation date: 06/18/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 05/14/1991
Evaluation lead agency: State

Evaluation date: 06/18/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 05/14/1991
Evaluation lead agency: State

Evaluation date: 06/18/1990
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 10/13/1992
Evaluation lead agency: State

Evaluation date: 05/25/1990
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/25/1995
Evaluation lead agency: State

Evaluation date: 08/28/1989
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/25/1995
Evaluation lead agency: State

Evaluation date: 08/21/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 06/18/1990
Evaluation lead agency: State

Evaluation date: 08/21/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 03/25/1995

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MAP FINDINGS

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Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Evaluation lead agency: State

Evaluation date: 08/21/1989
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/25/1995
Evaluation lead agency: State

Evaluation date: 12/04/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 01/25/1996
Evaluation lead agency: EPA

Evaluation date: 12/04/1987
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: TSD - Financial Requirements
Date achieved compliance: 03/25/1995
Evaluation lead agency: State

Evaluation date: 12/04/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 01/25/1996
Evaluation lead agency: EPA

Evaluation date: 11/18/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 08/18/1989
Evaluation lead agency: State

Evaluation date: 11/18/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Closure/Post-Closure
Date achieved compliance: 08/18/1989
Evaluation lead agency: State

Evaluation date: 11/18/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 08/18/1989
Evaluation lead agency: State

US ENG CONTROLS:

EPA ID: CAD042245001
Site ID: 0903349
Name: OMEGA CHEMICAL CORPORATION
Address: 12504 AND 12512 E. WHITTIER BOULEVARD
WHITTIER, CA 90602

EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Actual Date: 06/30/2011
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/20/2011
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Chemical Reduction/Oxidation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/20/2011
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Discharge
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/20/2011
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Extraction
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/20/2011
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Filtration
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/20/2011
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Liquid Phase Carbon Adsorption
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/20/2011
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Monitoring
Contact Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/20/2011
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Precipitation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/20/2011
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Reinjection
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/20/2011
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: Reuse as Drinking Water
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 001
Action Name: RECORD OF DECISION
Action Completion date: 09/20/2011
Operable Unit: 02
Contaminated Media : Groundwater
Engineering Control: UV Oxidation
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/30/2008
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Carbon Adsorption
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/30/2008
Operable Unit: 01

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Contaminated Media : Soil
Engineering Control: Dewatering
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/30/2008
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Hot Air Injection
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/30/2008
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Multi-phase extraction
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/30/2008
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Residuals Disposal
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

Action ID: 002
Action Name: RECORD OF DECISION
Action Completion date: 09/30/2008
Operable Unit: 01
Contaminated Media : Soil
Engineering Control: Soil Vapor Extraction (in-situ)
Contact Name: Not reported
Contact Phone and Ext: Not reported
Event Code Description: Not reported

US INST CONTROL:

EPA ID: CAD042245001
Site ID: 0903349
Name: OMEGA CHEMICAL CORPORATION
Action Name: RECORD OF DECISION
Address: 12504 AND 12512 E. WHITTIER BOULEVARD
WHITTIER, CA 90602
EPA Region: 09
County: LOS ANGELES
Event Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Inst. Control: Notice in Newspaper
Actual Date: 06/30/2011
Complet. Date: 09/20/2011
Operable Unit: 02
Contaminated Media : Groundwater
Contact Name : Not reported
Contact Phone and Ext :Not reported
Event Code Description:Not reported

EPA ID: CAD042245001
Site ID: 0903349
Name: OMEGA CHEMICAL CORPORATION
Action Name: RECORD OF DECISION
Address: 12504 AND 12512 E. WHITTIER BOULEVARD
WHITTIER, CA 90602

EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Inst. Control: Public meetings
Actual Date: 06/30/2011
Complet. Date: 09/20/2011
Operable Unit: 02
Contaminated Media : Groundwater
Contact Name : Not reported
Contact Phone and Ext :Not reported
Event Code Description:Not reported

EPA ID: CAD042245001
Site ID: 0903349
Name: OMEGA CHEMICAL CORPORATION
Action Name: RECORD OF DECISION
Address: 12504 AND 12512 E. WHITTIER BOULEVARD
WHITTIER, CA 90602

EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Inst. Control: Building, demolition, or excavation regulation
Actual Date: 09/30/2008
Complet. Date: 09/30/2008
Operable Unit: 01
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Event Code Description:Not reported

EPA ID: CAD042245001
Site ID: 0903349
Name: OMEGA CHEMICAL CORPORATION
Action Name: RECORD OF DECISION
Address: 12504 AND 12512 E. WHITTIER BOULEVARD
WHITTIER, CA 90602

EPA Region: 09
County: LOS ANGELES
Event Code: Not reported
Inst. Control: Covenant
Actual Date: 09/30/2008
Complet. Date: 09/30/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

Operable Unit: 01
Contaminated Media : Soil
Contact Name : Not reported
Contact Phone and Ext :Not reported
Event Code Description: Not reported

SWEEPS UST:

Status: Active
Comp Number: 13643
Number: 9
Board Of Equalization: Not reported
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported
Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

HIST UST:

File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000041598
Facility Type: Other
Other Type: RECYCLING
Contact Name: DENNIS O'MEARA
Telephone: 2136980991
Owner Name: FRED R. RIPPY
Owner Address: 12471 E. WASHINGTON BLVD.
Owner City,St,Zip: WHITTIER, CA 90602
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: None

ROD:

Full-text of USEPA Record of Decision(s) is available from EDR.

PRP:

PRP Name: AAD DISTRIBUTION & DRY CLEANING
ABEX AEROSPACE DIVISION
ABEX AEROSPACE DIVISION
ABEX AEROSPACE DIVISION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

ACC CASTING COMPANY
ADVANCED CARDIOVASCULAR SYSTEMS, INC.
AEROSPACE CORPORATION
AIR CONDITIONING CO, INC
AIR PRODUCTS AND CHEMICALS, INC.
AIR PRODUCTS AND CHEMICALS, INC.
AIR PRODUCTS AND CHEMICALS, INC.
ALCOA ELECTRONIC PACKAGING, INC.
ALCOA ELECTRONIC PACKAGING, INC.
ALCOA INC.
ALCOA INC.
ALL-STAR PRINT, INC.
ALLAN HANCOCK COLLEGE
ALLEN FOAM CORPORATION
ALLEN L. BENDER, INC.
ALLERGAN, INC.
ALLIED SIGNAL INC N/K/A HONEYWELL INTERNATIONAL INC.
ALLIED SIGNAL INC N/K/A HONEYWELL INTERNATIONAL INC.
ALLIED-SIGNAL, INC.
ALPHA THERAPUETIC
ALPHA THERAPUETIC
ALPHA THERAPUETIC
ALPHA THERAPUETIC
ALPS ELECTRIC (NORTH AMERICA), INC.
AMADA MFG AMERICA INC.
AMCAST AEROSPACE
AMCAST INDUSTRIAL CORPORATION
ANJA ENGINEERING CORPORATION
ANJA ENGINEERING CORPORATION
ANJA ENGINEERING CORPORATION
ANZCO (FORMERLY ANZCO CO.)
ANZON CO
APPLIED AIR ENGINEERING CORPORATION
APPLIED AIR ENGINEERING CORPORATION
APPLIED AIR ENGINEERING CORPORATION
APPLIED MAGNETICS CORPORATION
APPLIED MICRO CIRCUITS CORPORATION
APPLIED MICRO CIRCUITS CORPORATION
APPLIED MICRO CIRCUITS CORPORATION
APPLIED MICRO CIRCUITS CORPORATION
APPROPRIATE TECHNOLOGIES II, INC.
APPROPRIATE TECHNOLOGIES II, INC.
APPROPRIATE TECHNOLOGIES II, INC.
ARISTECH CHEMICAL CORPORATION
ARLON, INC. ADHESIVES/FILM DIVISION
ARLON, INC. ADHESIVES/FILM DIVISION
ARLON, INC. ADHESIVES/FILM DIVISION
ARLON, INC. ADHESIVES/FILM DIVISION
ARMOR ALL PRODUCTS CORPORATION
ARMOR ALL PRODUCTS CORPORATION
ARNOLD CONSTRUCTION CO.
ARROW ELECTRONICS, INC.
ARROWHEAD BRASS PRODUCTS, INC.
ARTESIA MANUFACTURING COMPANY
ARWOOD
ASHLAND CHEMICAL COMPANY

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OMEGA CHEMICAL CORPORATION (Continued)

1000232419

[Click this hyperlink](#) while viewing on your computer to access
 739 additional PRP: record(s) in the EDR Site Report.

EMI:

Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	8107
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

B12
East
1/8-1/4
0.194 mi.
1026 ft.

TOSCO - 76 STATION #6907
11025 EAST WASHINGTON BOULEVARD
WHITTIER, CA 90606

UST U004271209
N/A

Site 1 of 7 in cluster B

Relative:
Lower
Actual:
159 ft.

UST CLOSURE:	
Claim Number:	Case No. R-11066
Type:	Closure Denials and Approved Orders
Deadline Date:	2016-01-15 00:00:00
Documents:	Notice, Draft Order, Summary
Comments:	Not reported
Comments URL:	Not reported
Response:	Not reported
Response URL:	Not reported
Comments2:	Not reported
Comments2 URL:	Not reported
Response2:	Not reported
Response2 URL:	Not reported
Closure:	WQO 2016-0046-UST(3/7/2016)
Closure URL:	https://pubapps.waterboards.ca.gov/water_issues/programs/ustcf/docs/pr_op_closure_cases/wqo2016_0046_ust.pdf
Uniform:	Not reported
Uniform URL:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

B13 **FORMER UNOCAL 351479**
East **11025 WASHINGTON BLVD**
1/8-1/4 **WHITTIER, CA 90606**
0.194 mi.
1026 ft. **Site 2 of 7 in cluster B**

HAZNET **S102590734**
HIST CORTESE **N/A**

Relative: HAZNET:
Lower envid: S102590734
Year: 2013
Actual: GEPAID: CAC002728293
159 ft. Contact: YVONNE WOLF
Telephone: 8773866044
Mailing Name: Not reported
Mailing Address: PO BOX 6004
Mailing City,St,Zip: SAN RAMON, CA 94583
Gen County: Los Angeles
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.0011
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: R-11066

B14 **UNOCAL CORP SS#6907**
East **11025 E WASHINGTON BLVD**
1/8-1/4 **WHITTIER, CA**
0.194 mi.
1026 ft. **Site 3 of 7 in cluster B**

SWEEPS UST **S106933514**
N/A

Relative: SWEEPS UST:
Lower Status: Active
Actual: Comp Number: 11066
159 ft. Number: 9
Board Of Equalization: 44-001057
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-011066-000001
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: 4

Status: Active
Comp Number: 11066
Number: 9
Board Of Equalization: 44-001057

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

UNOCAL CORP SS#6907 (Continued)

S106933514

Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-011066-000002
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 11066
Number: 9
Board Of Equalization: 44-001057
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-011066-000003
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

Status: Active
Comp Number: 11066
Number: 9
Board Of Equalization: 44-001057
Referral Date: 06-30-89
Action Date: Not reported
Created Date: 06-30-89
Owner Tank Id: Not reported
SWRCB Tank Id: 19-000-011066-000004
Tank Status: A
Capacity: Not reported
Active Date: 06-30-89
Tank Use: UNKNOWN
STG: W
Content: Not reported
Number Of Tanks: Not reported

B15
East
1/8-1/4
0.194 mi.
1026 ft.

TOSCO - 76 STATION #6907
11025 WASHINGTON BLVD E
WHITTIER, CA 90606
Site 4 of 7 in cluster B

LUST S105693877
N/A

Relative:
Lower
Actual:
159 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705011
Global Id: T0603705011

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Latitude: 33.9727511
Longitude: -118.0743598
Status: Completed - Case Closed
Status Date: 03/19/2018
Case Worker: NC
RB Case Number: R-11066
Local Agency: LOS ANGELES COUNTY
File Location: Regional Board
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0603705011
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603705011
Contact Type: Regional Board Caseworker
Contact Name: NOMAN CHOWDHURY
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 WEST 4TH STREET, SUITE 200
City: LOS ANGELES
Email: nchowdhury@waterboards.ca.gov
Phone Number: 2135766704

LUST:

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2011
Action: Conceptual Site Model

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/16/2011
Action: Remedial Progress Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2010
Action: Monitoring Report - Semi-Annually

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 03/31/2017
Action: Well Destruction Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2012
Action: Remedial Progress Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2009
Action: Conceptual Site Model

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2008
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2008
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Date: 04/15/2008
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/30/2013
Action: Well Destruction Workplan

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2013
Action: Conceptual Site Model

Global Id: T0603705011
Action Type: ENFORCEMENT
Date: 04/28/2003
Action: Staff Letter

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2010
Action: Conceptual Site Model

Global Id: T0603705011
Action Type: ENFORCEMENT
Date: 06/15/2009
Action: Staff Letter

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2007
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2009
Action: Interim Remedial Action Plan

Global Id: T0603705011
Action Type: ENFORCEMENT
Date: 03/19/2018
Action: Closure/No Further Action Letter

Global Id: T0603705011
Action Type: ENFORCEMENT
Date: 03/23/2000
Action: 13267 Requirement

Global Id: T0603705011
Action Type: ENFORCEMENT
Date: 07/16/2002
Action: 13267 Requirement

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Date: 04/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: ENFORCEMENT
Date: 03/07/2016
Action: State Water Board Closure Order

Global Id: T0603705011
Action Type: ENFORCEMENT
Date: 09/25/2003
Action: Site Visit / Inspection / Sampling

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2003
Action: Remedial Progress Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2002
Action: Interim Remedial Action Plan

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: Other
Date: 12/13/1995
Action: Leak Reported

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2011
Action: Conceptual Site Model

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2007
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2006
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2006
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: ENFORCEMENT
Date: 11/13/2015
Action: Notification - Public Participation Document

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2009
Action: Conceptual Site Model

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2011
Action: Remedial Progress Report

Global Id: T0603705011
Action Type: REMEDIATION
Date: 07/22/2009
Action: Soil Vapor Extraction (SVE)

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2009
Action: Conceptual Site Model

Global Id: T0603705011
Action Type: RESPONSE
Date: 09/06/2013
Action: Request for Closure - Regulator Responded

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/12/2012
Action: Sensitive Receptor Survey Report

Global Id: T0603705011
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Date: 01/15/2012
Action: Conceptual Site Model

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2012
Action: Conceptual Site Model

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2012
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2013
Action: Conceptual Site Model

Global Id: T0603705011
Action Type: ENFORCEMENT
Date: 12/23/2002
Action: Staff Letter

Global Id: T0603705011
Action Type: ENFORCEMENT
Date: 06/09/2002
Action: Site Visit / Inspection / Sampling

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2004
Action: Soil and Water Investigation Report

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2004
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: REMEDIATION
Date: 01/01/2003
Action: Soil Vapor Extraction (SVE)

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2005
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2002
Action: Interim Remedial Action Plan

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2002
Action: Soil and Water Investigation Workplan

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Date: 10/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2002
Action: Interim Remedial Action Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2002
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2002
Action: Other Report / Document

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/10/2003
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2003
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2003
Action: Monitoring Report - Quarterly

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2003
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2004
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: ENFORCEMENT
Date: 01/14/2002
Action: 13267 Requirement

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2007
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2007
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 07/15/2008
Action: Soil and Water Investigation Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2002
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 10/15/2005
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: Other
Date: 11/19/1993
Action: Leak Discovery

Global Id: T0603705011
Action Type: RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Date: 07/15/2010
Action: Remedial Progress Report

Global Id: T0603705011
Action Type: RESPONSE
Date: 05/26/2010
Action: Well Installation Workplan

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2010
Action: Conceptual Site Model

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0603705011
Action Type: RESPONSE
Date: 04/15/2010
Action: Monitoring Report - Quarterly

Global Id: T0603705011
Action Type: RESPONSE
Date: 01/15/2011
Action: Monitoring Report - Semi-Annually

LUST:

Global Id: T0603705011
Status: Completed - Case Closed
Status Date: 03/19/2018

Global Id: T0603705011
Status: Open - Case Begin Date
Status Date: 11/19/1993

Global Id: T0603705011
Status: Open - Eligible for Closure
Status Date: 02/05/2014

Global Id: T0603705011
Status: Open - Eligible for Closure
Status Date: 03/07/2016

Global Id: T0603705011
Status: Open - Remediation
Status Date: 01/14/2002

Global Id: T0603705011
Status: Open - Remediation
Status Date: 08/01/2003

Global Id: T0603705011
Status: Open - Site Assessment
Status Date: 11/19/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Global Id: T0603705011
Status: Open - Site Assessment
Status Date: 03/23/2000

Global Id: T0603705011
Status: Open - Site Assessment
Status Date: 01/14/2002

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: R-11066
Status: Remedial action (cleanup) Underway
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: OT
Global ID: T0603705011
W Global ID: Not reported
Staff: NC
Local Agency: 19000
Cross Street: NORWALK BLVD
Enforcement Type: SI
Date Leak Discovered: 11/19/1993
Date Leak First Reported: 12/13/1995
Date Leak Record Entered: 12/26/1995
Date Confirmation Began: 11/19/1993
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 7/16/2002
Date the Case was Closed: Not reported
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: MANAIE, MOHAMAD
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 814.0821425319980538590659731
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: 3/23/2000
Preliminary Site Assessment Began: 3/23/2000
Pollution Characterization Began: 1/14/2002
Remediation Plan Submitted: 1/14/2002
Remedial Action Underway: 8/1/2003
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: 7/21/2000
Historical Max MTBE Date: 6/27/2003
Hist Max MTBE Conc in Groundwater: 70000
Hist Max MTBE Conc in Soil: 30000
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: =
Soil Qualifier: =
Organization: Not reported
Owner Contact: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TOSCO - 76 STATION #6907 (Continued)

S105693877

Responsible Party: MR. JOHN NORDENSTAM
 RP Address: 3525 HYLAND AVE.
 Program: LUST
 Lat/Long: 33.9727511 / -1
 Local Agency Staff: Not reported
 Beneficial Use: Not reported
 Priority: Not reported
 Cleanup Fund Id: Not reported
 Suspended: Not reported
 Assigned Name: Not reported
 Summary: ONLY 3 WELLS ONSITE; ADDL WELLS NEEDED. ; 4/20/00 RESPONSE LTR;
 7/14/00 2ND QTR GW MON RPT 2000; 10/13/00 3RD QTR GW MON RPT 2000;
 10/31/00 SUPPLEMENTARY SITE ASSESSM.; 12/31/00 4TH QTR GW MON RPT
 2000; 4/16/01 1ST QTR GW MO

B16
East
1/8-1/4
0.194 mi.
1026 ft.

AMERICAN ROYAL PETROLEUM INC
11025 WASHINGTON BLVD
WHITTIER, CA 90606
Site 5 of 7 in cluster B

UST U003942461
N/A

Relative:
Lower

UST:
 Facility ID: LACOFA0029136
 Permitting Agency: Los Angeles County Fire Department
 Latitude: 33.97296
 Longitude: -118.0746

Actual:
159 ft.

Facility ID: 24749
 Permitting Agency: LOS ANGELES COUNTY
 Latitude: 33.974267
 Longitude: -118.073249

B17
East
1/8-1/4
0.194 mi.
1026 ft.

76 STATION NO. 6907
11025 E WASHINGTON BL
WHITTIER, CA 0
Site 6 of 7 in cluster B

HIST UST S106800565
WDS N/A

Relative:
Lower

HIST UST:
 File Number: 00029069
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029069.pdf>
 Region: Not reported
 Facility ID: Not reported
 Facility Type: Not reported
 Other Type: Not reported
 Contact Name: Not reported
 Telephone: Not reported
 Owner Name: Not reported
 Owner Address: Not reported
 Owner City,St,Zip: Not reported
 Total Tanks: Not reported

Actual:
159 ft.

Tank Num: Not reported
 Container Num: Not reported
 Year Installed: Not reported
 Tank Capacity: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

76 STATION NO. 6907 (Continued)

S106800565

Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

WDS:

Facility ID: Los Angeles River 192131029
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: Not reported
Subregion: 4
Facility Telephone: Not reported
Facility Contact: Pacy Molina
Agency Name: CONOCOPHILLIPS COMPANY
Agency Address: Not reported
Agency City,St,Zip: 0
Agency Contact: Not reported
Agency Telephone: Not reported
Agency Type: Private
SIC Code: 0
SIC Code 2: Not reported
Primary Waste Type: Not reported
Primary Waste: Not reported
Waste Type2: Not reported
Waste2: Not reported
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: 0
Complexity: Not reported

B18
East
1/8-1/4
0.194 mi.
1026 ft.

SERVICE STATION 6907
11025 WASHINGTON BLVD
WHITTIER, CA 90602

Site 7 of 7 in cluster B

HIST UST **U001564313**
N/A

Relative:
Lower
Actual:
159 ft.

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000007868
Facility Type: Gas Station
Other Type: Not reported
Contact Name: EXCEL OIL INC
Telephone: 2136952806
Owner Name: UNION OIL COMPANY OF CALIFORNI
Owner Address: 3701 WILSHIRE BOULEVARD-SUITE
Owner City,St,Zip: LOS ANGELES, CA 90010

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SERVICE STATION 6907 (Continued)

U001564313

Total Tanks: 0003

Tank Num: 001
Container Num: 6907-3
Year Installed: 1983
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test

Tank Num: 002
Container Num: 6907-2
Year Installed: 1983
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test

Tank Num: 003
Container Num: 6907-1
Year Installed: 1983
Tank Capacity: 00012000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, Pressure Test

C19
ENE
1/8-1/4
0.203 mi.
1071 ft.

DRYCLEAN EXPRESS
7822 NORWALK BLVD
WHITTIER, CA 90606
Site 1 of 4 in cluster C

DRYCLEANERS **S113031251**
HAZNET **N/A**

Relative:
Higher
Actual:
160 ft.

DRYCLEAN SOUTH COAST:
Facility ID: 64340
Application Number: 179377
Permit Number: D04964
Status: S
Representative Name: ED SAHL
Representative Telephone: 714 9749309
Permit Status: INACTIVE
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: 04
CCAT Description: VAPOR RECOVERY UNIT COMPRESS & CONDENSE
UTM East: 400.79998779
UTM North: 3759.6000977

HAZNET:
envid: S113031251
Year: 2000
GEPaid: CAL000026537
Contact: JAY GANDHI - OWNER
Telephone: 5626958070
Mailing Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DRYCLEAN EXPRESS (Continued)

S113031251

Mailing Address: 7822 NORWALK BLVD
Mailing City,St,Zip: WHITTIER, CA 906062185
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: 0.27
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113031251
Year: 1999
GEPaid: CAL000026537
Contact: JAY GANDHI
Telephone: 5626958070
Mailing Name: Not reported
Mailing Address: 7822 NORWALK BLVD
Mailing City,St,Zip: WHITTIER, CA 906062185
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: .8280
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113031251
Year: 1998
GEPaid: CAL000026537
Contact: JAY GANDHI
Telephone: 5626958070
Mailing Name: Not reported
Mailing Address: 7822 NORWALK BLVD
Mailing City,St,Zip: WHITTIER, CA 906062185
Gen County: Not reported
TSD EPA ID: CAD981397417
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: 1.3886
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113031251
Year: 1998
GEPaid: CAL000026537
Contact: JAY GANDHI
Telephone: 5626958070
Mailing Name: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DRYCLEAN EXPRESS (Continued)

S113031251

Mailing Address: 7822 NORWALK BLVD
 Mailing City,St,Zip: WHITTIER, CA 906062185
 Gen County: Not reported
 TSD EPA ID: CAD981397417
 TSD County: Not reported
 Waste Category: Not reported
 Disposal Method: Recycler
 Tons: .0000
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Los Angeles

envid: S113031251
 Year: 1997
 GEPAID: CAL000026537
 Contact: JAY GANDHI
 Telephone: 5626958070
 Mailing Name: Not reported
 Mailing Address: 7822 NORWALK BLVD
 Mailing City,St,Zip: WHITTIER, CA 906062185
 Gen County: Not reported
 TSD EPA ID: CAD981397417
 TSD County: Not reported
 Waste Category: Not reported
 Disposal Method: Recycler
 Tons: .0000
 Cat Decode: Not reported
 Method Decode: Not reported
 Facility County: Los Angeles

[Click this hyperlink](#) while viewing on your computer to access
 5 additional CA_HAZNET: record(s) in the EDR Site Report.

C20
ENE
 1/8-1/4
 0.203 mi.
 1071 ft.

DRY CLEAN EXPRESS, PHUNG HUYNH DBA
7822 NORWALK BLVD
WHITTIER, CA 90606
Site 2 of 4 in cluster C

DRYCLEANERS S121693938
N/A

Relative:
Higher
Actual:
160 ft.

DRYCLEAN SOUTH COAST:
 Facility ID: 112558
 Application Number: 469184
 Permit Number: F90507
 Status: A
 Representative Name: PHUNG HUYNH
 Representative Telephone: 310 6958070
 Permit Status: ACTIVE
 BCAT Number: 000233
 BCAT Description: DRY CLEANING EQUIP PETROLEUM SOLVENT
 CCAT Number: Not reported
 CCAT Description: Not reported
 UTM East: 400.70599365
 UTM North: 3759.6520996

Facility ID: 112558
 Application Number: 328471
 Permit Number: F7570
 Status: A

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DRY CLEAN EXPRESS, PHUNG HUYNH DBA (Continued)

S121693938

Representative Name: PHUNG HUYNH
Representative Telephone: 310 6958070
Permit Status: INACTIVE
BCAT Number: 000234
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE
CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 400.70599365
UTM North: 3759.6520996

Facility ID: 112558
Application Number: 386565
Permit Number: F40345
Status: A
Representative Name: PHUNG HUYNH
Representative Telephone: 310 6958070
Permit Status: INACTIVE
BCAT Number: 000603
BCAT Description: DRY CLEANING, DRY-TO-DRY NV, W/ SIC, PERC
CCAT Number: Not reported
CCAT Description: Not reported
UTM East: 400.70599365
UTM North: 3759.6520996

**C21
ENE
1/8-1/4
0.204 mi.
1079 ft.**

**RITE AID #5495
7860 NORWALK BLVD
WHITTIER, CA 90606**

**RCRA-LQG 1016954695
CAL000379703**

Site 3 of 4 in cluster C

**Relative:
Higher**

RCRA-LQG:

**Actual:
160 ft.**

Date form received by agency: 03/01/2014
Facility name: RITE AID #5495
Facility address: 7860 NORWALK BLVD
WHITTIER, CA 90606
EPA ID: CAL000379703
Mailing address: HUNTER LN
HUNTER LN
CAMP HILL, PA 17011
Contact: STEPHANIE A CAIATI
Contact address: HUNTER LN
CAMP HILL, PA 17011
Contact country: Not reported
Contact telephone: 717-730-8225
Contact email: SSCAIATI@RITEAID.COM
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID #5495 (Continued)

1016954695

100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: RITE AID CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/25/1997
Owner/Op end date: Not reported

Owner/operator name: THRIFTY PAYLESS
Owner/operator address: HUNTER LN
CAMP HILL, PA 17011
Owner/operator country: Not reported
Owner/operator telephone: 717-761-2633
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/25/1997
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: 131
. Waste name: Aqueous solution (2 < pH < 12.5) containing reactive anions (azide, bromate, chlorate, cyanide, fluoride, hypochlorite, nitrite, perchlorate, and sulfide anions)

. Waste code: 141
. Waste name: Off-specification, aged, or surplus inorganics

. Waste code: 214
. Waste name: Unspecified solvent mixture

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

RITE AID #5495 (Continued)

1016954695

- . Waste code: 232
 - . Waste name: Pesticides and other waste associated with pesticide production

 - . Waste code: 311
 - . Waste name: Pharmaceutical waste

 - . Waste code: 791
 - . Waste name: Liquids with pH < 2

 - . Waste code: D001
 - . Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

 - . Waste code: D002
 - . Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

 - . Waste code: D007
 - . Waste name: CHROMIUM

 - . Waste code: D009
 - . Waste name: MERCURY

 - . Waste code: D010
 - . Waste name: SELENIUM

 - . Waste code: D011
 - . Waste name: SILVER

 - . Waste code: D024
 - . Waste name: M-CRESOL

 - . Waste code: D026
 - . Waste name: CRESOL

 - . Waste code: P001
 - . Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

 - . Waste code: P075
 - . Waste name: NICOTINE, & SALTS

 - . Waste code: U034
 - . Waste name: ACETALDEHYDE, TRICHLORO-
- Violation Status: No violations found

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

C22 REPLANET LLC
ENE 7810 NORWALK BLVD
1/8-1/4 WHITTIER, CA 90606
0.239 mi.
1263 ft. Site 4 of 4 in cluster C

SWRCY S107138034
HAZNET N/A

Relative:
Higher
Actual:
160 ft.

SWRCY:
Reg Id: 155714
Cert Id: RC155714.001
Mailing Address: 800 N Haven Ave Suite 120
Mailing City: Ontario
Mailing State: CA
Mailing Zip Code: 91764
Website: <http://www.replanet.com>
Email: Not reported
Phone Number: (877) 737-5263
Rural: N
Operation Begin Date: 05/01/2012
Aluminium: Y
Glass: Y
Plastic: Y
Bimetal: Y
Hours of Operation: Mon - Sun 9:00 am - 4:30 pm, Closed 12:30 pm - 1:30 pm
Organization ID: 151891
Organization Name: rePlanet LLC

HAZNET:
envid: S107138034
Year: 2017
GEPaid: CAL000325846
Contact: SHERRIE WALTERS
Telephone: 3108844016
Mailing Name: Not reported
Mailing Address: P.O. BOX 54143
Mailing City,St,Zip: LOS ANGELES, CA 900540000
Gen County: Los Angeles
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.002
Cat Decode: Alkaline solution without metals pH >= 12.5
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: Los Angeles

envid: S107138034
Year: 2017
GEPaid: CAL000325846
Contact: SHERRIE WALTERS
Telephone: 3108844016
Mailing Name: Not reported
Mailing Address: P.O. BOX 54143
Mailing City,St,Zip: LOS ANGELES, CA 900540000
Gen County: Los Angeles
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Alkaline solution without metals pH >= 12.5

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REPLANET LLC (Continued)

S107138034

Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.004
Cat Decode: Alkaline solution without metals pH >= 12.5
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Los Angeles

envid: S107138034
Year: 2017
GEPaid: CAL000325846
Contact: SHERRIE WALTERS
Telephone: 3108844016
Mailing Name: Not reported
Mailing Address: P.O. BOX 54143
Mailing City,St,Zip: LOS ANGELES, CA 900540000
Gen County: Los Angeles
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Adhesives
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.551
Cat Decode: Adhesives
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: Los Angeles

envid: S107138034
Year: 2017
GEPaid: CAL000325846
Contact: SHERRIE WALTERS
Telephone: 3108844016
Mailing Name: Not reported
Mailing Address: P.O. BOX 54143
Mailing City,St,Zip: LOS ANGELES, CA 900540000
Gen County: Los Angeles
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.004
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

envid: S107138034
Year: 2016
GEPaid: CAL000325846
Contact: SHERRIE WALTERS
Telephone: 3108844016
Mailing Name: Not reported
Mailing Address: P.O. BOX 54143
Mailing City,St,Zip: LOS ANGELES, CA 900540000
Gen County: Los Angeles

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

REPLANET LLC (Continued)

S107138034

TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Adhesives
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.024
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

[Click this hyperlink](#) while viewing on your computer to access 24 additional CA_HAZNET: record(s) in the EDR Site Report.

23
ENE
1/4-1/2
0.255 mi.
1344 ft.

**ALEXANDER-BELL PROPERTY
TELEGRAPH RD/NORWALK BLVD
SANTA FE SPRINGS, CA**

**CPS-SLIC S106483940
N/A**

**Relative:
Higher
Actual:
161 ft.**

CPS-SLIC:
Region: STATE
Facility Status: Completed - Case Closed
Status Date: 10/27/1999
Global Id: SL2044K1595
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 33.975071
Longitude: -118.074128
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 0522
File Location: Not reported
Potential Media Affected: Not reported
Potential Contaminants of Concern: Not reported
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

24
South
1/4-1/2
0.360 mi.
1903 ft.

**AGRICULTURAL PROPERTY
SLAUSON AVE
WHITTIER, CA 90602**

**LUST S101298470
HIST CORTESE N/A**

**Relative:
Lower
Actual:
154 ft.**

LUST:
Lead Agency: LOS ANGELES COUNTY
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603700049
Global Id: T0603700049
Latitude: 33.9711798
Longitude: -118.0351165
Status: Completed - Case Closed
Status Date: 01/16/1990
Case Worker: JOA
RB Case Number: 011189-13

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGRICULTURAL PROPERTY (Continued)

S101298470

Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: 014462-015054
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:

Global Id: T0603700049
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603700049
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0603700049
Action Type: ENFORCEMENT
Date: 01/16/1990
Action: Closure/No Further Action Letter

Global Id: T0603700049
Action Type: REMEDIATION
Date: 08/15/1989
Action: Excavation

Global Id: T0603700049
Action Type: Other
Date: 01/04/1989
Action: Leak Reported

Global Id: T0603700049
Action Type: Other
Date: 12/16/1988
Action: Leak Discovery

LUST:

Global Id: T0603700049
Status: Completed - Case Closed
Status Date: 01/16/1990

Global Id: T0603700049
Status: Open - Case Begin Date
Status Date: 12/16/1988

Global Id: T0603700049

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGRICULTURAL PROPERTY (Continued)

S101298470

Status: Open - Site Assessment
Status Date: 01/11/1989

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 011189-13
Status: Pollution Characterization
Substance: Diesel
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Soil
Abatement Method Used at the Site: Not reported
Global ID: T0603700049
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: MILLER GROVE DR
Enforcement Type: Not reported
Date Leak Discovered: 12/16/1988
Date Leak First Reported: 1/4/1989
Date Leak Record Entered: Not reported
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 1/11/1989
Date the Case was Closed: Not reported
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: Other Cause
Leak Source: Piping
Operator: MILLER FAMILY
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 8934.998676493145659054352651
Source of Cleanup Funding: Piping
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 1/11/1989
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: MILLER FAMILY
RP Address: 7914 MICHIGAN AVE, WHITTIER, CA 90602
Program: LUST
Lat/Long: 33.9711798 / -1
Local Agency Staff: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AGRICULTURAL PROPERTY (Continued)

S101298470

Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: FUEL WAS USED FOR SMUDGE POTS IN AN ORANGE GROVE. REFERENCE REPORT #58-8604, 12/16/88 FROM LAW ENVIRONMENTAL

HIST CORTESE:

Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: 011189-13

D25
SSW
1/4-1/2
0.397 mi.
2098 ft.

MOBIL #18-E50 (FORMER #11
8441 PIONEER
WHITTIER, CA 90606
Site 1 of 4 in cluster D

HIST CORTESE **S101298466**
N/A

Relative:
Higher
Actual:
161 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-01034

D26
SSW
1/4-1/2
0.397 mi.
2098 ft.

MOBIL #18-E50 (FORMER #11-E50)
8441 PIONEER BLVD S
WHITTIER, CA 90606
Site 2 of 4 in cluster D

LUST **S103437966**
N/A

Relative:
Higher
Actual:
161 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702748
Global Id: T0603702748
Latitude: 33.967475
Longitude: -118.082427
Status: Completed - Case Closed
Status Date: 06/30/1999
Case Worker: AJL
RB Case Number: I-01034
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0603702748
Contact Type: Regional Board Caseworker
Contact Name: AHMAD J. LAMAA
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 West 4th Street Suite 200

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MOBIL #18-E50 (FORMER #11-E50) (Continued)

S103437966

City: Los Angeles
Email: alamaa@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603702748
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

LUST:

Global Id: T0603702748
Action Type: Other
Date: 10/14/1987
Action: Leak Discovery

Global Id: T0603702748
Action Type: Other
Date: 10/14/1987
Action: Leak Stopped

Global Id: T0603702748
Action Type: Other
Date: 10/26/1987
Action: Leak Reported

LUST:

Global Id: T0603702748
Status: Completed - Case Closed
Status Date: 06/30/1999

Global Id: T0603702748
Status: Open - Case Begin Date
Status Date: 10/14/1987

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-01034
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Excavate and Dispose
Global ID: T0603702748
W Global ID: Not reported
Staff: AJL
Local Agency: 19000
Cross Street: SLAUSON
Enforcement Type: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MOBIL #18-E50 (FORMER #11-E50) (Continued)

S103437966

Date Leak Discovered: 10/14/1987
 Date Leak First Reported: 10/26/1987
 Date Leak Record Entered: 11/17/1987
 Date Confirmation Began: Not reported
 Date Leak Stopped: 10/14/1987
 Date Case Last Changed on Database: 10/8/1999
 Date the Case was Closed: 6/30/1999
 How Leak Discovered: Tank Closure
 How Leak Stopped: Not reported
 Cause of Leak: UNK
 Leak Source: UNK
 Operator: KERALES, FARID K.
 Water System: Not reported
 Well Name: Not reported
 Approx. Dist To Production Well (ft): 666.51690638117855682339809719
 Source of Cleanup Funding: UNK
 Preliminary Site Assessment Workplan Submitted: Not reported
 Preliminary Site Assessment Began: Not reported
 Pollution Characterization Began: Not reported
 Remediation Plan Submitted: Not reported
 Remedial Action Underway: Not reported
 Post Remedial Action Monitoring Began: Not reported
 Enforcement Action Date: Not reported
 Historical Max MTBE Date: 1/1/1965
 Hist Max MTBE Conc in Groundwater: 11000
 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: MOBIL OIL CORP
 RP Address: 3700 190TH ST W, TPT-2, TORRANCE CA 90509-2929
 Program: LUST
 Lat/Long: 33.9681263 / -1
 Local Agency Staff: Not reported
 Beneficial Use: Not reported
 Priority: LOP/HIGH - ADMINISTRATIVE (CLOSURE/SB2004/ENFORCEMENT)
 Cleanup Fund Id: Not reported
 Suspended: Not reported
 Assigned Name: Not reported
 Summary: CLOSED CLOSED. SITE IS NO LONGER A THREAT TO NEARBY PUBLIC WATERS.
 THERE IS EVIDENT OF A NATURAL BIOATTENUATION.; 10/8/99 WELL
 ABANDONMENT & REMED. COMPOUND DEMOLITION

D27
 SSW
 1/4-1/2
 0.397 mi.
 2098 ft.

CIRCLE K #2211211 /FORMER MOBIL OIL #18-E50
8441 PIONEER BLVD. S.
WHITTIER, CA 90606
Site 3 of 4 in cluster D

LUST S113800576
HAZNET N/A

Relative:
Higher
Actual:
161 ft.

LUST:
 Lead Agency: LOS ANGELES RWQCB (REGION 4)
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603782444
 Global Id: T0603782444
 Latitude: 33.967487
 Longitude: -118.082427

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2211211 /FORMER MOBIL OIL #18-E50 (Continued)

S113800576

Status: Open - Remediation
Status Date: 02/15/2013
Case Worker: JFL
RB Case Number: I-01034A
Local Agency: LOS ANGELES COUNTY
File Location: Regional Board
Local Case Number: 000986-001034
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0603782444
Contact Type: Regional Board Caseworker
Contact Name: JOE F. LUERA
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH STREET, SUITE 200
City: LOS ANGELES
Email: joe.luera@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603782444
Contact Type: Local Agency Caseworker
Contact Name: MANUEL R REGALADO
Organization Name: LOS ANGELES COUNTY
Address: 900 S. FREMONT AVE.
City: ALHAMBRA
Email: mregalad@dpw.lacounty.gov
Phone Number: Not reported

LUST:

Global Id: T0603782444
Action Type: RESPONSE
Date: 01/15/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0603782444
Action Type: RESPONSE
Date: 05/05/2011
Action: Other Workplan

Global Id: T0603782444
Action Type: RESPONSE
Date: 07/16/2010
Action: Site Assessment Report

Global Id: T0603782444
Action Type: Other
Date: 06/07/2005
Action: Leak Discovery

Global Id: T0603782444
Action Type: RESPONSE
Date: 07/15/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0603782444

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2211211 /FORMER MOBIL OIL #18-E50 (Continued)

S113800576

Action Type:	ENFORCEMENT
Date:	06/15/2009
Action:	Staff Letter
Global Id:	T0603782444
Action Type:	ENFORCEMENT
Date:	12/16/2008
Action:	Staff Letter
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	08/15/2008
Action:	Other Report / Document
Global Id:	T0603782444
Action Type:	REMEDIATION
Date:	12/14/2000
Action:	Not reported
Global Id:	T0603782444
Action Type:	REMEDIATION
Date:	12/14/2000
Action:	Other (Use Description Field)
Global Id:	T0603782444
Action Type:	ENFORCEMENT
Date:	05/05/2010
Action:	Staff Letter
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	07/15/2011
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	01/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	07/15/2012
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	07/15/2014
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	10/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	04/15/2009

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2211211 /FORMER MOBIL OIL #18-E50 (Continued)

S113800576

Action: Soil and Water Investigation Report

Global Id: T0603782444
Action Type: RESPONSE
Date: 01/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603782444
Action Type: RESPONSE
Date: 01/15/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0603782444
Action Type: RESPONSE
Date: 03/24/2010
Action: Soil and Water Investigation Workplan

Global Id: T0603782444
Action Type: RESPONSE
Date: 03/08/2017
Action: Interim Remedial Action Plan

Global Id: T0603782444
Action Type: RESPONSE
Date: 02/04/2011
Action: Remedial Progress Report

Global Id: T0603782444
Action Type: RESPONSE
Date: 02/09/2011
Action: Site Assessment Report

Global Id: T0603782444
Action Type: RESPONSE
Date: 01/15/2016
Action: Monitoring Report - Quarterly

Global Id: T0603782444
Action Type: RESPONSE
Date: 04/15/2009
Action: Monitoring Report - Quarterly

Global Id: T0603782444
Action Type: RESPONSE
Date: 07/15/2008
Action: Monitoring Report - Quarterly

Global Id: T0603782444
Action Type: RESPONSE
Date: 01/15/2013
Action: Monitoring Report - Quarterly

Global Id: T0603782444
Action Type: RESPONSE
Date: 10/13/2010
Action: Pilot Study / Treatability Workplan

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2211211 /FORMER MOBIL OIL #18-E50 (Continued)

S113800576

Global Id:	T0603782444
Action Type:	RESPONSE
Date:	01/15/2014
Action:	Monitoring Report - Quarterly
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	10/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603782444
Action Type:	ENFORCEMENT
Date:	06/03/2008
Action:	13267 Requirement
Global Id:	T0603782444
Action Type:	Other
Date:	06/07/2005
Action:	Leak Reported
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	01/07/2013
Action:	Soil Vapor Intrusion Investigation Workplan - Regulator Responded
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	12/16/2008
Action:	Soil and Water Investigation Workplan
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	07/15/2016
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	01/15/2012
Action:	Monitoring Report - Quarterly
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	10/05/2011
Action:	Site Assessment Report
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	07/15/2009
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603782444
Action Type:	RESPONSE
Date:	07/15/2010
Action:	Soil and Water Investigation Report
Global Id:	T0603782444
Action Type:	RESPONSE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2211211 /FORMER MOBIL OIL #18-E50 (Continued)

S113800576

Date: 04/15/2010
Action: Monitoring Report - Semi-Annually

LUST:

Global Id: T0603782444
Status: Open - Case Begin Date
Status Date: 06/07/2005

Global Id: T0603782444
Status: Open - Remediation
Status Date: 02/15/2013

Global Id: T0603782444
Status: Open - Site Assessment
Status Date: 06/07/2005

HAZNET:

envid: S113800576
Year: 2017
GEPaid: CAL000369745
Contact: KRISTI HODGE
Telephone: 9512705153
Mailing Name: Not reported
Mailing Address: 255 E RINCON ST STE 100
Mailing City,St,Zip: CORONA, CA 928790000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 0.147
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Facility County: Los Angeles

envid: S113800576
Year: 2016
GEPaid: CAL000369745
Contact: KRISTI HODGE
Telephone: 9512705153
Mailing Name: Not reported
Mailing Address: 255 E RINCON ST STE 100
Mailing City,St,Zip: CORONA, CA 928790000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 0.105
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2211211 /FORMER MOBIL OIL #18-E50 (Continued)

S113800576

envid: S113800576
Year: 2014
GEPaid: CAL000369745
Contact: MADELYN MANJARREZ
Telephone: 9512705168
Mailing Name: Not reported
Mailing Address: 255 E RINCON ST STE 100
Mailing City,St,Zip: CORONA, CA 928790000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 0.168
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113800576
Year: 2014
GEPaid: CAL000369745
Contact: MADELYN MANJARREZ
Telephone: 9512705168
Mailing Name: Not reported
Mailing Address: 255 E RINCON ST STE 100
Mailing City,St,Zip: CORONA, CA 928790000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 0.44619
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113800576
Year: 2013
GEPaid: CAL000369745
Contact: TRISHA YAHNER
Telephone: 9512705193
Mailing Name: Not reported
Mailing Address: 255 E RINCON ST STE 100
Mailing City,St,Zip: CORONA, CA 928790000
Gen County: Los Angeles
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 0.52125
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CIRCLE K #2211211 /FORMER MOBIL OIL #18-E50 (Continued)

S113800576

[Click this hyperlink](#) while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

D28
SSW
1/4-1/2
0.450 mi.
2378 ft.

CHEVRON #9-0913 (FORMER)
8505 PIONEER
WHITTIER, CA 90606
Site 4 of 4 in cluster D

LUST **S102427108**
HIST CORTESE **N/A**

Relative:
Higher
Actual:
161 ft.

LUST:
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702809
Global Id: T0603702809
Latitude: 33.966736
Longitude: -118.082764
Status: Completed - Case Closed
Status Date: 08/26/1996
Case Worker: YR
RB Case Number: I-01905
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0603702809
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603702809
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0603702809
Action Type: Other
Date: 01/31/1994
Action: Leak Reported

Global Id: T0603702809
Action Type: Other
Date: 01/29/1943
Action: Leak Discovery

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-0913 (FORMER) (Continued)

S102427108

LUST:

Global Id: T0603702809
Status: Completed - Case Closed
Status Date: 08/26/1996

Global Id: T0603702809
Status: Open - Case Begin Date
Status Date: 01/31/1994

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-01905
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: T0603702809
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: SLAUSON AVE
Enforcement Type: Not reported
Date Leak Discovered: 1/29/1943
Date Leak First Reported: 1/31/1994
Date Leak Record Entered: 2/11/1994
Date Confirmation Began: Not reported
Date Leak Stopped: Not reported
Date Case Last Changed on Database: 6/30/1996
Date the Case was Closed: 8/26/1996
How Leak Discovered: OM
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: Piping
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 258.17079719684455990568039876
Source of Cleanup Funding: Piping
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CHEVRON #9-0913 (FORMER) (Continued)

S102427108

Organization: Not reported
Owner Contact: Not reported
Responsible Party: CHEVRON U.S.A. PRODUCTS CO
RP Address: 1300 SOUTH BEACH BLVD., LA HABRA CA 90631
Program: LUST
Lat/Long: 33.9670803 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-01905

29
ESE
1/4-1/2
0.492 mi.
2599 ft.

7-11 #20677
8244 NORWALK BLVD
WHITTIER, CA 90606

LUST S102423499
HIST CORTESE N/A

Relative:
Lower
Actual:
156 ft.

LUST:

Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703572
Global Id: T0603703572
Latitude: 33.968848
Longitude: -118.071087
Status: Completed - Case Closed
Status Date: 07/23/1996
Case Worker: YR
RB Case Number: I-10084
Local Agency: LOS ANGELES COUNTY
File Location: Not reported
Local Case Number: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0603703572
Contact Type: Local Agency Caseworker
Contact Name: JOHN AWUJO
Organization Name: LOS ANGELES COUNTY
Address: 900 S FREMONT AVE
City: ALHAMBRA
Email: jawujo@dpw.lacounty.gov
Phone Number: 6264583507

Global Id: T0603703572
Contact Type: Regional Board Caseworker
Contact Name: YUE RONG
Organization Name: LOS ANGELES RWQCB (REGION 4)

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-11 #20677 (Continued)

S102423499

Address: 320 W. 4TH ST., SUITE 200
City: Los Angeles
Email: yrong@waterboards.ca.gov
Phone Number: Not reported

LUST:

Global Id: T0603703572
Action Type: Other
Date: 06/03/1992
Action: Leak Stopped

Global Id: T0603703572
Action Type: Other
Date: 06/30/1992
Action: Leak Reported

Global Id: T0603703572
Action Type: Other
Date: 06/03/1992
Action: Leak Discovery

LUST:

Global Id: T0603703572
Status: Completed - Case Closed
Status Date: 07/23/1996

Global Id: T0603703572
Status: Open - Case Begin Date
Status Date: 06/03/1992

Global Id: T0603703572
Status: Open - Site Assessment
Status Date: 06/30/1992

LUST REG 4:

Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: I-10084
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: T0603703572
W Global ID: Not reported
Staff: UNK
Local Agency: 19000
Cross Street: BROADWAY
Enforcement Type: Not reported
Date Leak Discovered: 6/3/1992
Date Leak First Reported: 6/30/1992
Date Leak Record Entered: 8/20/1992
Date Confirmation Began: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

7-11 #20677 (Continued)

S102423499

Date Leak Stopped: 6/3/1992
Date Case Last Changed on Database: 8/22/1996
Date the Case was Closed: 7/23/1996
How Leak Discovered: Tank Closure
How Leak Stopped: Not reported
Cause of Leak: UNK
Leak Source: UNK
Operator: Not reported
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 1585.654330013116323679372055
Source of Cleanup Funding: UNK
Preliminary Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: 6/30/1992
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: SOUTHLAND CORP
RP Address: 5820 STONERIDGE MALL RD, #310, PLEASANTON, 94566
Program: LUST
Lat/Long: 33.9684522 / -1
Local Agency Staff: Not reported
Beneficial Use: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Suspended: Not reported
Assigned Name: Not reported
Summary: Not reported

HIST CORTESE:

Region: CORTESE
Facility County Code: 19
Reg By: LTNKA
Reg Id: I-10084

30
South
1/2-1
0.616 mi.
3251 ft.

CUSTOM CHEMICAL FORMULATORS, INC.
8707 MILLERGROVE DRIVE
SANTA FE SPRINGS, CA 90670

ENVIROSTOR S113019336
HAZNET N/A

Relative:
Lower
Actual:
151 ft.

ENVIROSTOR:
Facility ID: 71002153
Status: No Action Required
Status Date: 11/13/2000
Site Code: Not reported
Site Type: Tiered Permit

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUSTOM CHEMICAL FORMULATORS, INC. (Continued)

S113019336

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: 57
Senate: 32
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.96382
Longitude: -118.0800
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD008237885
Alias Type: EPA Identification Number
Alias Name: 110000475566
Alias Type: EPA (FRS #)
Alias Name: 71002153
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase I Verification
Completed Date: 06/30/2006
Comments: Inspection report sent on 6/30/2006

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 06/30/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1 Non-Submittal
Completed Date: 11/13/2000
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUSTOM CHEMICAL FORMULATORS, INC. (Continued)

S113019336

HAZNET:

envid: S113019336
Year: 1995
GEPaid: CAD983665464
Contact: UNITED GYPSUM CORP
Telephone: 3126064000
Mailing Name: Not reported
Mailing Address: PO BOX 6721
Mailing City,St,Zip: CHICAGO, IL 606806721
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Recycler
Tons: .4587
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113019336
Year: 1995
GEPaid: CAD983665464
Contact: UNITED GYPSUM CORP
Telephone: 3126064000
Mailing Name: Not reported
Mailing Address: PO BOX 6721
Mailing City,St,Zip: CHICAGO, IL 606806721
Gen County: Not reported
TSD EPA ID: CAT080010101
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .1000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113019336
Year: 1994
GEPaid: CAD983665464
Contact: UNITED GYPSUM CORP
Telephone: 3126064000
Mailing Name: Not reported
Mailing Address: PO BOX 6721
Mailing City,St,Zip: CHICAGO, IL 606806721
Gen County: Not reported
TSD EPA ID: CAT080010101
TSD County: Not reported
Waste Category: Liquids with halogenated organic compounds >= 1,000 Mg./L
Disposal Method: Transfer Station
Tons: 1.5846
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113019336
Year: 1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CUSTOM CHEMICAL FORMULATORS, INC. (Continued)

S113019336

GEPaid: CAD983665464
Contact: UNITED GYPSUM CORP
Telephone: 3126064000
Mailing Name: Not reported
Mailing Address: PO BOX 6721
Mailing City,St,Zip: CHICAGO, IL 606806721
Gen County: Not reported
TSD EPA ID: AZD982441263
TSD County: Not reported
Waste Category: Gas scrubber waste
Disposal Method: Treatment, Incineration
Tons: .2000
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: S113019336
Year: 1994
GEPaid: CAD983665464
Contact: UNITED GYPSUM CORP
Telephone: 3126064000
Mailing Name: Not reported
Mailing Address: PO BOX 6721
Mailing City,St,Zip: CHICAGO, IL 606806721
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Recycler
Tons: 3.6696
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.

31
ESE
1/2-1
0.928 mi.
4902 ft.

SUR LITE CORP
8124 ALLPORT AVE
SANTA FE SPRING, CA 90670

ENVIROSTOR **S104567906**
EMI **N/A**
HAZNET
HWP

Relative:
Lower
Actual:
154 ft.

ENVIROSTOR:
Facility ID: 80001483
Status: * Inactive
Status Date: 01/01/2008
Site Code: Not reported
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Unknown
Division Branch: Cleanup Chatsworth
Assembly: 57

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUR LITE CORP (Continued)

S104567906

Senate: 32
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.96835
Longitude: -118.0643
APN: 8169005033
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 8169005033
Alias Type: APN
Alias Name: CAD981687114
Alias Type: EPA Identification Number
Alias Name: 110002752904
Alias Type: EPA (FRS #)
Alias Name: 80001483
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: 1987
County Code: 19
Air Basin: SC
Facility ID: 52730
Air District Name: SC
SIC Code: 9999
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 0
Reactive Organic Gases Tons/Yr: 0
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 1990

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUR LITE CORP (Continued)

S104567906

County Code: 19
Air Basin: SC
Facility ID: 52730
Air District Name: SC
SIC Code: 3
Air District Name: SOUTH COAST AQMD
Community Health Air Pollution Info System: Not reported
Consolidated Emission Reporting Rule: Not reported
Total Organic Hydrocarbon Gases Tons/Yr: 1
Reactive Organic Gases Tons/Yr: 1
Carbon Monoxide Emissions Tons/Yr: 0
NOX - Oxides of Nitrogen Tons/Yr: 0
SOX - Oxides of Sulphur Tons/Yr: 0
Particulate Matter Tons/Yr: 0
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

HAZNET:

envid: S104567906
Year: 2017
GEPAID: CAL000305827
Contact: DAVID LAWRENCE
Telephone: 5627898834
Mailing Name: Not reported
Mailing Address: 8124 ALLPORT AVE
Mailing City,St,Zip: SANTA FE SPRINGS, CA 906702104
Gen County: Los Angeles
TSD EPA ID: CAL000330453
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 0.1
Cat Decode: Other organic solids
Method Decode: Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Facility County: Los Angeles

HWP:

EPA Id: CAD981687114
Cleanup Status: CLOSED
Latitude: 33.96835
Longitude: -118.0643
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 57
Senate District: 32
Public Information Officer: Not reported
Public Information Officer: Not reported

Closure:

EPA Id: CAD981687114
Facility Type: Historical - Non-Operating
Unit Names: BIF1
Event Description: Closure Administrative - ISSUE CLOSURE VERIFICATION
Actual Date: 01/21/2016

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SUR LITE CORP (Continued)

S104567906

Alias:
EPA Id: CAD981687114
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110002752904

32
SE
1/2-1
0.933 mi.
4927 ft.

AEROSPACE RIVET MFG CORP
8535 DICE RD
SANTA FE SPRINGS, CA 90670

RCRA-SQG 1001959719
ENVIROSTOR CAR000059832
VCP
FINDS
ECHO
HAZNET
LA Co. Site Mitigation

Relative:
Lower

Actual:
152 ft.

RCRA-SQG:
Date form received by agency: 12/02/1999
Facility name: DUNCAN BOLT CO
Facility address: 8535 DICE RD
SANTA FE SPRINGS, CA 90670
EPA ID: CAR000059832
Contact: ROBERT TOKAR
Contact address: 8535 DICE RD
SANTA FE SPRINGS, CA 90670
Contact country: US
Contact telephone: 562-698-8800
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: ANDREW COHN
Owner/operator address: 680 HAVANA AVE
LONG BEACH, CA 90814
Owner/operator country: Not reported
Owner/operator telephone: 562-597-1916
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROSPACE RIVET MFG CORP (Continued)

1001959719

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: D001
. Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

. Waste code: D008
. Waste name: LEAD

. Waste code: F003
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005
. Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

ENVIROSTOR:

Facility ID: 71002824
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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROSPACE RIVET MFG CORP (Continued)

1001959719

Division Branch: Cleanup Chatsworth
Assembly: 57
Senate: 32
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.96346
Longitude: -118.0663
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD981417751
Alias Type: EPA Identification Number
Alias Name: 71002824
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

Facility ID: 19340772
Status: No Further Action
Status Date: 07/18/2012
Site Code: 300648
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.71
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Assembly: 57
Senate: 32
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 33.96346
Longitude: -118.0663
APN: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROSPACE RIVET MFG CORP (Continued)

1001959719

Past Use: MACHINE SHOP, MANUFACTURING - OTHER, METAL FINISHING, METAL PLATING - OTHER

Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Cadmium and compounds Chromium III Copper and compounds Lead, Organic (tetraethyl lead Nickel Selenium Zinc

Confirmed COC: Selenium Tetrachloroethylene (PCE Trichloroethylene (TCE Cadmium and compounds Chromium III Copper and compounds Lead, Organic (tetraethyl lead Nickel Zinc

Potential Description: SOIL

Alias Name: 110009553919

Alias Type: EPA (FRS #)

Alias Name: 300648

Alias Type: Project Code (Site Code)

Alias Name: 19340772

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Triage Meeting

Completed Date: 07/03/2015

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Preliminary Endangerment Assessment Report

Completed Date: 07/03/1997

Comments: Delay in completion date result of failure of Toxicology group at HQ to meet requested turn around time. Technical consultation request, specifying two week turn around sent to HQ on 4/6/97. Did not receive memo from HQ until May 30, 1997. DTSC reviewed and concurred with No Further Action (NFA).

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Voluntary Cleanup Agreement

Completed Date: 02/27/1997

Comments: DTSC and the property owners executed a Voluntary Cleanup Agreement for a Preliminary Endangerment Assessment for 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

VCP:

Facility ID: 19340772

Site Type: Voluntary Cleanup

Site Type Detail: Voluntary Cleanup

Site Mgmt. Req.: NONE SPECIFIED

Acres: 0.71

National Priorities List: NO

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROSPACE RIVET MFG CORP (Continued)

1001959719

Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Robert Senga
Division Branch: Cleanup Cypress
Site Code: 300648
Assembly: 57
Senate: 32
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 07/18/2012
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 33.96346 / -118.0663
APN: NONE SPECIFIED
Past Use: MACHINE SHOP, MANUFACTURING - OTHER, METAL FINISHING, METAL PLATING - OTHER

Potential COC: 30022, 30027, 30108, 30152, 30156, 30343, 30407, 30515, 30594
Confirmed COC: 30515,30022,30027,30108,30152,30156,30343,30407,30594
Potential Description: SOIL
Alias Name: 110009553919
Alias Type: EPA (FRS #)
Alias Name: 300648
Alias Type: Project Code (Site Code)
Alias Name: 19340772
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Triage Meeting
Completed Date: 07/03/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/03/1997
Comments: Delay in completion date result of failure of Toxicology group at HQ to meet requested turn around time. Technical consultation request, specifying two week turn around sent to HQ on 4/6/97. Did not receive memo from HQ until May 30, 1997. DTSC reviewed and concurred with No Further Action (NFA).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 02/27/1997
Comments: DTSC and the property owners executed a Voluntary Cleanup Agreement for a Preliminary Endangerment Assessment for 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

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROSPACE RIVET MFG CORP (Continued)

1001959719

Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110009553919

Environmental Interest/Information System

California Department of Toxic Substances Control EnviroStor System (DTSC-EnviroStor) is an online search and Geographic Information System (GIS) tool for identifying sites that have known contamination or sites for which there may be reasons to investigate further. The EnviroStor database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites.

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001959719
Registry ID: 110009553919
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110009553919>

HAZNET:

envid: 1001959719
Year: 2017
GEPID: CAR000059832
Contact: BILL ACKERMAN
Telephone: 5626988800
Mailing Name: Not reported
Mailing Address: 8535 DICE RD
Mailing City,St,Zip: SANTA FE SPRINGS, CA 906700000
Gen County: Los Angeles

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROSPACE RIVET MFG CORP (Continued)

1001959719

TSD EPA ID: CAT000613935
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.504
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Los Angeles

envid: 1001959719
Year: 2016
GEPaid: CAR000059832
Contact: BILL ACKERMAN
Telephone: 5626988800
Mailing Name: Not reported
Mailing Address: 8535 DICE RD
Mailing City,St,Zip: SANTA FE SPRINGS, CA 906700000
Gen County: Los Angeles
TSD EPA ID: CAT000613935
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.84
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: 1001959719
Year: 2015
GEPaid: CAR000059832
Contact: ANDREW COHN
Telephone: 5626988800
Mailing Name: Not reported
Mailing Address: 8535 DICE RD
Mailing City,St,Zip: SANTA FE SPRINGS, CA 906700000
Gen County: Los Angeles
TSD EPA ID: CAT000613935
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.756
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: 1001959719
Year: 2014
GEPaid: CAR000059832
Contact: ANDREW COHN
Telephone: 5626988800
Mailing Name: Not reported
Mailing Address: 8535 DICE RD
Mailing City,St,Zip: SANTA FE SPRINGS, CA 906700000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

AEROSPACE RIVET MFG CORP (Continued)

1001959719

Gen County: Los Angeles
TSD EPA ID: CAT000613935
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.756
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

envid: 1001959719
Year: 2014
GEPaid: CAR000059832
Contact: ANDREW COHN
Telephone: 5626988800
Mailing Name: Not reported
Mailing Address: 8535 DICE RD
Mailing City,St,Zip: SANTA FE SPRINGS, CA 906700000
Gen County: Los Angeles
TSD EPA ID: CAT000613893
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.126
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Los Angeles

[Click this hyperlink](#) while viewing on your computer to access 35 additional CA_HAZNET: record(s) in the EDR Site Report.

LA Co. Site Mitigation:

Facility ID: Not reported
Status: Not reported
Site ID: SD0010559
Jurisdiction: County
Case ID: RO0000319
Abated: Yes
Assigned To: TK
Entered Date: 05/11/2004
Abated Date: 10/28/1996

33
East
1/2-1
0.972 mi.
5131 ft.

QUAKER CITY PLATING, LTD.
7937 CHATFIELD AVENUE
WHITTIER, CA 90606

ENVIROSTOR S100942979
N/A

Relative:
Lower
Actual:
157 ft.

ENVIROSTOR:
Facility ID: 71002243
Status: Refer: Other Agency
Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

QUAKER CITY PLATING, LTD. (Continued)

S100942979

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: 57
 Senate: 32
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: Not reported
 Latitude: 33.97024
 Longitude: -118.0613
 APN: NONE SPECIFIED
 Past Use: NONE SPECIFIED
 Potential COC: NONE SPECIFIED
 Confirmed COC: NONE SPECIFIED
 Potential Description: NONE SPECIFIED
 Alias Name: CAD008506065
 Alias Type: EPA Identification Number
 Alias Name: 71002243
 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

34
 SE
 1/2-1
 0.980 mi.
 5174 ft.

 Relative:
 Lower

 Actual:
 152 ft.

CAL-WESTERN PAINTS INC
11748 SLAUSON AV
SANTA FE SPRINGS, CA 90670

ENVIROSTOR 1000136385
HIST UST N/A
FINDS
ECHO
LOS ANGELES CO. HMS
NPDES
WDS
CIWQS

ENVIROSTOR:
 Facility ID: 19280375
 Status: No Further Action
 Status Date: 03/24/1984
 Site Code: Not reported
 Site Type: Historical
 Site Type Detailed: * Historical

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-WESTERN PAINTS INC (Continued)

1000136385

Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: * Mmonroy
Division Branch: Cleanup Chatsworth
Assembly: 57
Senate: 32
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.96402
Longitude: -118.0647
APN: 8168023029
Past Use: DISTRIBUTOR - CHEMICAL
Potential COC: * UNSPECIFIED SOLVENT MIXTURES * LATEX WASTE
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL, SV
Alias Name: 8168023029
Alias Type: APN
Alias Name: CAD008300717
Alias Type: EPA Identification Number
Alias Name: 110002631992
Alias Type: EPA (FRS #)
Alias Name: 19280375
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: 11/07/1994
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: 03/24/1984
Comments: SOURCE ACT: ASAP FIELD CHECK 3/2/84 & LACE PERMIT - MFG WHOLE & RETAIL PAINT YR OF OPER: 1968 TO PRESENT. PERMIT: IWD - CO ENGR ISSUED 7/8/74 # 1346. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 09/26/1983
Comments: FACILITY IDENTIFIED ID FROM ERRIS

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 11/17/1980
Comments: FACILITY IDENTIFIED FAC ID LACE LACE SEWERED FAC

Future Area Name: Not reported
Future Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-WESTERN PAINTS INC (Continued)

1000136385

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: 00026914
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026914.pdf>
Region: STATE
Facility ID: 00000020985
Facility Type: Other
Other Type: PAINT MFG.
Contact Name: ROBERT W. WALTMAN
Telephone: 2137236362
Owner Name: CAL WESTERN PAINTS, INC.
Owner Address: 11748 SLAUSON AVENUE
Owner City,St,Zip: SANTA FE SPRINGS, CA 90670
Total Tanks: 0005

Tank Num: 001
Container Num: O.D #4
Year Installed: 1968
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 250
Year Installed: 1968
Tank Capacity: 00002000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 410
Year Installed: 1968
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: 350
Year Installed: 1968
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-WESTERN PAINTS INC (Continued)

1000136385

Tank Num: 005
Container Num: SUMP #5
Year Installed: 1970
Tank Capacity: 00001000
Tank Used for: WASTE
Type of Fuel: Not reported
Container Construction Thickness: 6
Leak Detection: None

Click here for Geo Tracker PDF:

FINDS:

Registry ID: 110002631992

Environmental Interest/Information System
AIR EMISSIONS CLASSIFICATION UNKNOWN

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: 1000136385
Registry ID: 110002631992
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002631992>

LOS ANGELES CO. HMS:

Region: LA
Permit Category: I
Facility Id: 006393-106613
Facility Type: 01
Facility Status: Closed
Area: 1H
Permit Number: 00001346J
Permit Status: Closed

Region: LA
Permit Category: T
Facility Id: 006393-006613
Facility Type: 0
Facility Status: Closed
Area: 1H
Permit Number: 00004873T
Permit Status: Closed

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-WESTERN PAINTS INC (Continued)

1000136385

NPDES:

Facility Status: Active
NPDES Number: CAS000001
Region: 4
Agency Number: 0
Regulatory Measure ID: 467017
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 4 19NEC001604
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 12/01/2015
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 11748 Slauson Ave
Discharge Name: Pacific Steam Equipment
Discharge City: Santa Fe Springs
Discharge State: California
Discharge Zip: 90670
Status: Not reported
Status Date: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:

NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 4
Regulatory Measure ID: 467017
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 4 19NEC001604
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Received Date: 11/19/2015
Processed Date: 12/01/2015
Status: Active
Status Date: 12/01/2015
Place Size: .86
Place Size Unit: Acres
Contact: Dave Kang
Contact Title: Not reported
Contact Phone: 562-906-9292

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-WESTERN PAINTS INC (Continued)

1000136385

Contact Phone Ext:	Not reported
Contact Email:	dave@pacificsteam.com
Operator Name:	Pacific Steam Equipment
Operator Address:	11748 Slauson Ave
Operator City:	Santa Fe Springs
Operator State:	California
Operator Zip:	90670
Operator Contact:	Dave Kang
Operator Contact Title:	Not reported
Operator Contact Phone:	562-906-9292
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	dave@pacificsteam.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Dave Kang
Certifier Title:	Operations Mgr
Certification Date:	28-SEP-16
Primary Sic:	3582-Commercial Laundry, Drycleaning, and Pressing Machines
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	467017
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19NEC001604

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-WESTERN PAINTS INC (Continued)

1000136385

Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	12/01/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Pacific Steam Equipment
Discharge Address:	11748 Slauson Ave
Discharge City:	Santa Fe Springs
Discharge State:	California
Discharge Zip:	90670
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-WESTERN PAINTS INC (Continued)

1000136385

Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: Not reported
Receiving Water Name: Not reported
Certifier: Not reported
Certifier Title: Not reported
Certification Date: Not reported
Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 4 19NEC001604
Regulatory Measure Type: Industrial
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 12/01/2015
Operator Name: Pacific Steam Equipment
Operator Address: 11748 Slauson Ave
Operator City: Santa Fe Springs
Operator State: California
Operator Zip: 90670

NPDES as of 03/2018:

NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 4
Regulatory Measure ID: 467017
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 4 19NEC001604
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-WESTERN PAINTS INC (Continued)

1000136385

Received Date:	11/19/2015
Processed Date:	12/01/2015
Status:	Active
Status Date:	12/01/2015
Place Size:	.86
Place Size Unit:	Acres
Contact:	Dave Kang
Contact Title:	Not reported
Contact Phone:	562-906-9292
Contact Phone Ext:	Not reported
Contact Email:	dave@pacificsteam.com
Operator Name:	Pacific Steam Equipment
Operator Address:	11748 Slauson Ave
Operator City:	Santa Fe Springs
Operator State:	California
Operator Zip:	90670
Operator Contact:	Dave Kang
Operator Contact Title:	Not reported
Operator Contact Phone:	562-906-9292
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	dave@pacificsteam.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Dave Kang
Certifier Title:	Operations Mgr
Certification Date:	28-SEP-16
Primary Sic:	3582-Commercial Laundry, Drycleaning, and Pressing Machines
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-WESTERN PAINTS INC (Continued)

1000136385

NPDES Number: CAS000001
Status: Active
Agency Number: 0
Region: 4
Regulatory Measure ID: 467017
Order Number: 97-03-DWQ
Regulatory Measure Type: Enrollee
Place ID: Not reported
WDID: 4 19NEC001604
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 12/01/2015
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Pacific Steam Equipment
Discharge Address: 11748 Slauson Ave
Discharge City: Santa Fe Springs
Discharge State: California
Discharge Zip: 90670
Received Date: Not reported
Processed Date: Not reported
Status: Not reported
Status Date: Not reported
Place Size: Not reported
Place Size Unit: Not reported
Contact: Not reported
Contact Title: Not reported
Contact Phone: Not reported
Contact Phone Ext: Not reported
Contact Email: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported
Operator Contact: Not reported
Operator Contact Title: Not reported
Operator Contact Phone: Not reported
Operator Contact Phone Ext: Not reported
Operator Contact Email: Not reported
Operator Type: Not reported
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: Not reported
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: Not reported
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CAL-WESTERN PAINTS INC (Continued)

1000136385

Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

WDS:

Facility ID:	4 19I002129
Facility Type:	Not reported
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	Not reported
Facility Contact:	Not reported
Agency Name:	CAL WESTERN PAINTS INC.
Agency Address:	Not reported
Agency City,St,Zip:	0
Agency Contact:	Not reported
Agency Telephone:	Not reported
Agency Type:	Not reported
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported
Waste2:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Design Flow:	0
Baseline Flow:	0
Reclamation:	Not reported
POTW:	Not reported
Treat To Water:	Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.
Complexity:	Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best

Map ID
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MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

CAL-WESTERN PAINTS INC (Continued)

1000136385

management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Agency:	Pacific Steam Equipment
Agency Address:	11748 Slauson Ave, Santa Fe Springs, CA 90670
Place/Project Type:	Industrial - Commercial Laundry, Drycleaning, and Pressing Machines
SIC/NAICS:	3582
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19NEC001604
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	12/01/2015
Termination Date:	Not reported
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.964
Longitude:	-118.06481

35
WSW
1/2-1
0.980 mi.
5176 ft.

RIVIERA ROAD INDISCRIMINANT DUMP
9400 E RIVIERA RD
PICO RIVIERA, CA 90660

ENVIROSTOR **S118756527**
N/A

Relative:
Lower
Actual:
153 ft.

ENVIROSTOR:

Facility ID:	19490153
Status:	No Action Required
Status Date:	05/18/2009
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Javier Hinojosa
Division Branch:	Cleanup Chatsworth
Assembly:	58
Senate:	32
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.96944

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

RIVERA ROAD INDISCRIMINANT DUMP (Continued)

S118756527

Longitude: -118.0958
 APN: NONE SPECIFIED
 Past Use: UNKNOWN
 Potential COC: Under Investigation
 Confirmed COC: 31001-NO
 Potential Description: OTH, SOIL, SV
 Alias Name: 19490153
 Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: * Discovery
 Completed Date: 11/18/1980
 Comments: FACILITY IDENTIFIED FAC ID LACE OPER DATE UNKNOWN LACE FILE AND PERMIT DESTROYED.

Completed Area Name: PROJECT WIDE
 Completed Sub Area Name: Not reported
 Completed Document Type: Site Screening
 Completed Date: 04/14/1987
 Comments: SITE SCREENING DONE AWAITING SWAT ASSESSMENT. PART OF AB3525 CALDERON 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

36
 SE
 1/2-1
 0.998 mi.
 5267 ft.

MID WEST FABRICATING CO
8623 DICE RD.
SANTA FE SPRINGS, CA 90670

ENVIROSTOR 1000391128
FINDS N/A
ECHO
HIST CORTESE
NPDES
CIWQS

Relative:
Lower

ENVIROSTOR:

Actual: Facility ID: 71002143
 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: 57
 Senate: 32
 Special Program: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID WEST FABRICATING CO (Continued)

1000391128

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.96231
Longitude: -118.0664
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD004295572
Alias Type: EPA Identification Number
Alias Name: 110000475646
Alias Type: EPA (FRS #)
Alias Name: 71002143
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

Facility ID: 19340439
Status: Refer: Other Agency
Status Date: 08/15/1995
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: 57
Senate: 32
Special Program: * RCRA 3012 - Past Haz Waste Disp Inven Site
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.96231
Longitude: -118.0664
APN: 8169027046
Past Use: NONE SPECIFIED
Potential COC: * HOUSEHOLD WASTES * HYDROCARBON SOLVENTS * ORGANIC LIQUIDS WITH

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID WEST FABRICATING CO (Continued)

1000391128

METALS * OXYGENATED SOLVENTS * UNSPECIFIED ACID SOLUTION *
UNSPECIFIED SLUDGE WASTE Cyanide (free

Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: MID WEST FABRICATING COMPANY
Alias Type: Alternate Name
Alias Name: 8169027046
Alias Type: APN
Alias Name: CAD004295572
Alias Type: EPA Identification Number
Alias Name: 110000475646
Alias Type: EPA (FRS #)
Alias Name: CAD004295572
Alias Type: HWTS Identification Code
Alias Name: 19340439
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: 12/08/1994
Comments: NFA FOR DTSC DUE TO COUNTY INVOLVEMENT.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 01/07/1981
Comments: FACILITY IDENTIFIED FAC ID-FIELD CHECK

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

FINDS:

Registry ID: 110000475646

Environmental Interest/Information System

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.

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.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID WEST FABRICATING CO (Continued)

1000391128

issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000391128
Registry ID: 110000475646
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000475646>

HIST CORTESE:

Region: CORTESE
Facility County Code: 19
Reg By: CALCI
Reg Id: 19340439

NPDES:

Facility Status: Active
NPDES Number: CAS000001
Region: 4
Agency Number: 0
Regulatory Measure ID: 188699
Place ID: Not reported
Order Number: 97-03-DWQ
WDID: 4 19I000847
Regulatory Measure Type: Enrollee
Program Type: Industrial
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: 03/23/1992
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Discharge Address: 8623 Dice Rd
Discharge Name: Mid West Fabricating Co
Discharge City: Santa Fe Springs
Discharge State: California
Discharge Zip: 90670
Status: Not reported
Status Date: Not reported
Operator Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID WEST FABRICATING CO (Continued)

1000391128

Operator Address: Not reported
Operator City: Not reported
Operator State: Not reported
Operator Zip: Not reported

NPDES as of 03/2018:

NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 4
Regulatory Measure ID: 188699
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 4 19I000847
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Received Date: 05/09/2008
Processed Date: 03/23/1992
Status: Active
Status Date: 03/23/1992
Place Size: 3
Place Size Unit: Acres
Contact: Paul Salcido
Contact Title: Manufacturing Manager
Contact Phone: 562-698-9615
Contact Phone Ext: Not reported
Contact Email: psalcido@midwestfab.com
Operator Name: Mid West Fabricating Co
Operator Address: 8623 Dice Rd
Operator City: Santa Fe Springs
Operator State: California
Operator Zip: 90670
Operator Contact: Paul Salcido
Operator Contact Title: Manufacturing Manager
Operator Contact Phone: 562-698-9615
Operator Contact Phone Ext: Not reported
Operator Contact Email: psalcido@midwestfab.com
Operator Type: Private Business
Developer: Not reported
Developer Address: Not reported
Developer City: Not reported
Developer State: California
Developer Zip: Not reported
Developer Contact: Not reported
Developer Contact Title: Not reported
Constype Linear Utility Ind: Not reported
Emergency Phone: 562-698-9615
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID WEST FABRICATING CO (Continued)

1000391128

Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Gabriel River
Certifier:	Paul Salcido
Certifier Title:	Manager
Certification Date:	12-MAY-15
Primary Sic:	3452-Bolts, Nuts, Screws, Rivets, and Washers
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	188699
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I000847
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/23/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Mid West Fabricating Co
Discharge Address:	8623 Dice Rd
Discharge City:	Santa Fe Springs
Discharge State:	California
Discharge Zip:	90670
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported
Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported

Map ID
Direction
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MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID WEST FABRICATING CO (Continued)

1000391128

Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
Facility Status:	Not reported
NPDES Number:	Not reported
Region:	Not reported
Agency Number:	Not reported
Regulatory Measure ID:	Not reported
Place ID:	Not reported
Order Number:	Not reported
WDID:	4 19I000847
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported

Map ID
Direction
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID WEST FABRICATING CO (Continued)

1000391128

Expiration Date Of Regulatory Measure: Not reported
Discharge Address: Not reported
Discharge Name: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Status: Active
Status Date: 03/23/1992
Operator Name: Mid West Fabricating Co
Operator Address: 8623 Dice Rd
Operator City: Santa Fe Springs
Operator State: California
Operator Zip: 90670

NPDES as of 03/2018:

NPDES Number: Not reported
Status: Not reported
Agency Number: Not reported
Region: 4
Regulatory Measure ID: 188699
Order Number: Not reported
Regulatory Measure Type: Industrial
Place ID: Not reported
WDID: 4 19I000847
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Discharge Name: Not reported
Discharge Address: Not reported
Discharge City: Not reported
Discharge State: Not reported
Discharge Zip: Not reported
Received Date: 05/09/2008
Processed Date: 03/23/1992
Status: Active
Status Date: 03/23/1992
Place Size: 3
Place Size Unit: Acres
Contact: Paul Salcido
Contact Title: Manufacturing Manager
Contact Phone: 562-698-9615
Contact Phone Ext: Not reported
Contact Email: psalcido@midwestfab.com
Operator Name: Mid West Fabricating Co
Operator Address: 8623 Dice Rd
Operator City: Santa Fe Springs
Operator State: California
Operator Zip: 90670
Operator Contact: Paul Salcido
Operator Contact Title: Manufacturing Manager
Operator Contact Phone: 562-698-9615
Operator Contact Phone Ext: Not reported
Operator Contact Email: psalcido@midwestfab.com
Operator Type: Private Business
Developer: Not reported
Developer Address: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID WEST FABRICATING CO (Continued)

1000391128

Developer City:	Not reported
Developer State:	California
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	562-698-9615
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	San Gabriel River
Certifier:	Paul Salcido
Certifier Title:	Manager
Certification Date:	12-MAY-15
Primary Sic:	3452-Bolts, Nuts, Screws, Rivets, and Washers
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	188699
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I000847
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	03/23/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Mid West Fabricating Co
Discharge Address:	8623 Dice Rd
Discharge City:	Santa Fe Springs
Discharge State:	California
Discharge Zip:	90670
Received Date:	Not reported
Processed Date:	Not reported
Status:	Not reported
Status Date:	Not reported
Place Size:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID WEST FABRICATING CO (Continued)

1000391128

Place Size Unit:	Not reported
Contact:	Not reported
Contact Title:	Not reported
Contact Phone:	Not reported
Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Agency:	Mid West Fabricating Co
Agency Address:	8623 Dice Rd, Santa Fe Springs, CA 90670
Place/Project Type:	Industrial - Bolts, Nuts, Screws, Rivets, and Washers

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MID WEST FABRICATING CO (Continued)

1000391128

SIC/NAICS: 3452
Region: 4
Program: INDSTW
Regulatory Measure Status: Active
Regulatory Measure Type: Storm water industrial
Order Number: 2014-0057-DWQ
WDID: 4 19I000847
NPDES Number: CAS000001
Adoption Date: Not reported
Effective Date: 03/23/1992
Termination Date: Not reported
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 1
Violations within 5 years: 1
Latitude: 33.96258
Longitude: -118.0658

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SANTA FE SPRINGS	S101480548	RICHFIELD OIL CORPORATION	123 WEST HADLEY	90670	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: 11/14/2018	Source: EPA
Date Data Arrived at EDR: 11/27/2018	Telephone: N/A
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 11/27/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/14/2019
	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: 11/14/2018	Source: EPA
Date Data Arrived at EDR: 11/27/2018	Telephone: N/A
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 11/27/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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: 11/14/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 10

Source: EPA
Telephone: N/A
Last EDR Contact: 11/27/2018
Next Scheduled EDR Contact: 01/14/2019
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
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/14/2018
Date Data Arrived at EDR: 11/27/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 10

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 11/27/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 11/14/2018	Source: EPA
Date Data Arrived at EDR: 11/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 01/28/2019
	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: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	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: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 12/03/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 10/17/2018	Source: Department of the Navy
Date Data Arrived at EDR: 10/25/2018	Telephone: 843-820-7326
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/25/2019
	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: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 11/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/24/2018

Date Data Arrived at EDR: 09/25/2018

Date Made Active in Reports: 11/09/2018

Number of Days to Update: 45

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 09/25/2018

Next Scheduled EDR Contact: 01/07/2019

Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 07/30/2018

Date Data Arrived at EDR: 07/31/2018

Date Made Active in Reports: 09/07/2018

Number of Days to Update: 38

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/30/2018

Next Scheduled EDR Contact: 02/11/2019

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 identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 07/30/2018

Date Data Arrived at EDR: 07/31/2018

Date Made Active in Reports: 09/07/2018

Number of Days to Update: 38

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 10/30/2018

Next Scheduled EDR Contact: 02/11/2019

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 inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/08/2018

Date Data Arrived at EDR: 08/10/2018

Date Made Active in Reports: 08/24/2018

Number of Days to Update: 14

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 11/14/2018

Next Scheduled EDR Contact: 02/25/2019

Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001	Source: California Regional Water Quality Control Board North Coast (1)
Date Data Arrived at EDR: 02/28/2001	Telephone: 707-570-3769
Date Made Active in Reports: 03/29/2001	Last EDR Contact: 08/01/2011
Number of Days to Update: 29	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST REG 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	Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Date Data Arrived at EDR: 02/26/2004	Telephone: 760-776-8943
Date Made Active in Reports: 03/24/2004	Last EDR Contact: 08/01/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 11/14/2011
	Data Release Frequency: No Update Planned

LUST: Leaking Underground Fuel Tank Report (GEOTRACKER)

Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: see region list
Date Made Active in Reports: 10/08/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

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	Source: California Regional Water Quality Control Board San Diego Region (9)
Date Data Arrived at EDR: 04/23/2001	Telephone: 858-637-5595
Date Made Active in Reports: 05/21/2001	Last EDR Contact: 09/26/2011
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/09/2012
	Data Release Frequency: No Update Planned

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005	Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Date Data Arrived at EDR: 06/07/2005	Telephone: 760-241-7365
Date Made Active in Reports: 06/29/2005	Last EDR Contact: 09/12/2011
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003	Source: California Regional Water Quality Control Board Lahontan Region (6)
Date Data Arrived at EDR: 09/10/2003	Telephone: 530-542-5572
Date Made Active in Reports: 10/07/2003	Last EDR Contact: 09/12/2011
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/26/2011
	Data Release Frequency: No Update Planned

LUST REG 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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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 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 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 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

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/26/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6271
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-6597
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-8677
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/13/2018	Source: EPA Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018	Source: EPA, Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-7439
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

CPS-SLIC: Statewide SLIC Cases (GEOTRACKER)

Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 866-480-1028
Date Made Active in Reports: 10/09/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: 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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: 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: 05/15/2017
Date Data Arrived at EDR: 05/30/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 136

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 10/10/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Varies

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 21

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 916-327-7844
Date Made Active in Reports: 10/03/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 866-480-1028
Date Made Active in Reports: 10/09/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 09/17/2018
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018	Source: EPA Region 4
Date Data Arrived at EDR: 05/18/2018	Telephone: 404-562-9424
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018	Source: EPA Region 5
Date Data Arrived at EDR: 05/18/2018	Telephone: 312-886-6136
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018	Source: EPA, Region 1
Date Data Arrived at EDR: 05/18/2018	Telephone: 617-918-1313
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/24/2018	Source: EPA Region 7
Date Data Arrived at EDR: 05/18/2018	Telephone: 913-551-7003
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018	Source: EPA Region 6
Date Data Arrived at EDR: 05/18/2018	Telephone: 214-665-7591
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	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: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 10/26/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 07/30/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 10/30/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 20

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/18/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/18/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 33

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 09/28/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 34

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 08/07/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 11/02/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 09/21/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 09/21/2018	Telephone: 202-307-1000
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 11/26/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 07/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/31/2018	Telephone: 916-323-3400
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 10/30/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/11/2019
	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: 12/31/2017	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 06/12/2018	Telephone: 916-255-6504
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 11/01/2018
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/21/2019
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

CERS HAZ WASTE: CERS HAZ WASTE

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

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: 09/21/2018
Date Data Arrived at EDR: 09/21/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 49

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
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: 03/28/2018
Date Data Arrived at EDR: 05/25/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 46

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/11/2018
Number of Days to Update: 29

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/22/2018	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 10/23/2018	Telephone: 916-323-2514
Date Made Active in Reports: 11/30/2018	Last EDR Contact: 10/23/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 09/05/1995	Telephone: 916-341-5851
Date Made Active in Reports: 09/29/1995	Last EDR Contact: 12/28/1998
Number of Days to Update: 24	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/29/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/30/2018	Telephone: 916-323-3400
Date Made Active in Reports: 10/01/2018	Last EDR Contact: 11/29/2018
Number of Days to Update: 32	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 08/13/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/16/2018	Last EDR Contact: 11/27/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/04/2018	Source: DTSC and SWRCB
Date Data Arrived at EDR: 09/05/2018	Telephone: 916-323-3400
Date Made Active in Reports: 10/02/2018	Last EDR Contact: 12/05/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 09/25/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-845-8400
Date Made Active in Reports: 06/14/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 866-480-1028
Date Made Active in Reports: 10/08/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 26	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 866-480-1028
Date Made Active in Reports: 10/09/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/24/2018
	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	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/03/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 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: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
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: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 02/25/2019
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: 08/31/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 11/09/2018
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 11/05/2018
Number of Days to Update: 88	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 11/09/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 02/18/2019
	Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 09/21/2018
Number of Days to Update: 198	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 11/16/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 10/24/2018
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 08/13/2018	Source: EPA
Date Data Arrived at EDR: 10/04/2018	Telephone: 703-416-0223
Date Made Active in Reports: 11/16/2018	Last EDR Contact: 11/27/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 03/18/2019
	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: 08/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/22/2018	Telephone: 202-564-8600
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 10/23/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 02/04/2019
	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	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 08/13/2018	Source: EPA
Date Data Arrived at EDR: 10/04/2018	Telephone: 202-564-6023
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/18/2019
	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: 09/14/2018	Source: EPA
Date Data Arrived at EDR: 10/11/2018	Telephone: 202-566-0500
Date Made Active in Reports: 12/07/2018	Last EDR Contact: 10/11/2018
Number of Days to Update: 57	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 10/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: 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	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: 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	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 09/08/2016	Telephone: 301-415-7169
Date Made Active in Reports: 10/21/2016	Last EDR Contact: 10/11/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/04/2019
	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	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 12/05/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/10/2014	Telephone: N/A
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 12/03/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 10/26/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 02/04/2019
	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: 10/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/03/2018	Telephone: 202-343-9775
Date Made Active in Reports: 11/09/2018	Last EDR Contact: 10/03/2018
Number of Days to Update: 37	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 10/30/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 02/11/2019
	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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 12/07/2018
Number of Days to Update: 56

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 09/28/2017
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
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: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 08/13/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 43

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 11/27/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/29/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 37

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
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: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/30/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018	Source: Department of Interior
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-208-2609
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 12/06/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 08/07/2018	Source: EPA
Date Data Arrived at EDR: 09/05/2018	Telephone: (415) 947-8000
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 12/05/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 07/26/2018	Telephone: 202-564-0527
Date Made Active in Reports: 10/05/2018	Last EDR Contact: 11/30/2018
Number of Days to Update: 71	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 01/28/2019
	Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 12/31/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/22/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 10/05/2018
Number of Days to Update: 44

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 21

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 09/11/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 7

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 08/28/2018
Date Data Arrived at EDR: 08/30/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 63

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 12/06/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2018
Date Data Arrived at EDR: 09/27/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 35

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 10/04/2018
Date Data Arrived at EDR: 10/05/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 27

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/20/2018
Date Made Active in Reports: 08/06/2018
Number of Days to Update: 47

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 09/21/2018
Next Scheduled EDR Contact: 12/31/2018
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: 08/01/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 36

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/19/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 25

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/25/2019
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/10/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/09/2018
Date Data Arrived at EDR: 10/10/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 37

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 10/10/2018
Next Scheduled EDR Contact: 01/21/2019
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: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/28/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 28

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/09/2018
Date Data Arrived at EDR: 08/10/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 28

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/15/2018
Number of Days to Update: 33

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 09/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/19/2018
Number of Days to Update: 29

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
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: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Department of Conservation
Telephone: 916-445-2408
Last EDR Contact: 09/13/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 07/11/2018
Date Made Active in Reports: 09/13/2018
Number of Days to Update: 64

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/12/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Varies

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Quarterly

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 10/23/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 09/25/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 09/04/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/05/2018	Telephone: 866-794-4977
Date Made Active in Reports: 10/02/2018	Last EDR Contact: 12/04/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 916-341-5810
Date Made Active in Reports: 10/09/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 866-480-1028
Date Made Active in Reports: 10/09/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 866-480-1028
Date Made Active in Reports: 10/09/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 866-480-1028
Date Made Active in Reports: 10/09/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 866-480-1028
Date Made Active in Reports: 10/09/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 09/10/2018
Date Data Arrived at EDR: 09/12/2018
Date Made Active in Reports: 10/09/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Varies

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 10/05/2018	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 10/10/2018	Telephone: 510-567-6700
Date Made Active in Reports: 11/01/2018	Last EDR Contact: 10/05/2018
Number of Days to Update: 22	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 10/05/2018	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 10/10/2018	Telephone: 510-567-6700
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 10/05/2018
Number of Days to Update: 23	Next Scheduled EDR Contact: 04/24/2047
	Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 07/01/2018	Source: Amador County Environmental Health
Date Data Arrived at EDR: 07/24/2018	Telephone: 209-223-6439
Date Made Active in Reports: 08/20/2018	Last EDR Contact: 11/29/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 03/18/2019
	Data Release Frequency: Varies

BUTTE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 08/02/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 08/20/2018
Number of Days to Update: 14

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 21

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 10/29/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 08/16/2018
Date Data Arrived at EDR: 11/06/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 8

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

EL DORADO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/05/2018
Date Made Active in Reports: 09/18/2018
Number of Days to Update: 13

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/16/2018
Date Data Arrived at EDR: 10/18/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 27

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 07/11/2018
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/22/2018
Number of Days to Update: 30

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/19/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 20

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

INYO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

KERN COUNTY:

UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 07/20/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 49

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/23/2018
Date Data Arrived at EDR: 08/24/2018
Date Made Active in Reports: 09/18/2018
Number of Days to Update: 25

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 11/07/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 6

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 22

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

LOS ANGELES COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AOCONCERN: 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: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/20/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 35

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 10/05/2018
Next Scheduled EDR Contact: 01/21/2019
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/15/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/16/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 05/14/2018
Number of Days to Update: 13

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/01/2018
Date Data Arrived at EDR: 10/16/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 31

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 10/16/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Semi-Annually

UST LONG BEACH: City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 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: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/02/2018	Source: City of Torrance Fire Department
Date Data Arrived at EDR: 10/05/2018	Telephone: 310-618-2973
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 10/05/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 01/21/2019
	Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/30/2018	Source: Madera County Environmental Health
Date Data Arrived at EDR: 09/04/2018	Telephone: 559-675-7823
Date Made Active in Reports: 09/19/2018	Last EDR Contact: 11/14/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018	Source: Public Works Department Waste Management
Date Data Arrived at EDR: 10/04/2018	Telephone: 415-473-6647
Date Made Active in Reports: 11/02/2018	Last EDR Contact: 10/01/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/29/2018	Source: Merced County Environmental Health
Date Data Arrived at EDR: 08/31/2018	Telephone: 209-381-1094
Date Made Active in Reports: 09/19/2018	Last EDR Contact: 11/14/2018
Number of Days to Update: 19	Next Scheduled EDR Contact: 03/04/2019
	Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 07/18/2018	Source: Mono County Health Department
Date Data Arrived at EDR: 09/04/2018	Telephone: 760-932-5580
Date Made Active in Reports: 09/19/2018	Last EDR Contact: 12/06/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 03/11/2019
	Data Release Frequency: Varies

MONTEREY COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA MONTEREY: CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/29/2018
Date Data Arrived at EDR: 11/01/2018
Date Made Active in Reports: 11/16/2018
Number of Days to Update: 15

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 08/27/2018
Date Data Arrived at EDR: 08/28/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 36

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/26/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List

CUPA facility list.

Date of Government Version: 11/06/2018
Date Data Arrived at EDR: 11/08/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 6

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 10/25/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/08/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/08/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 33

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST ORANGE: List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 07/13/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/12/2018
Number of Days to Update: 37

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/06/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 09/04/2018
Date Data Arrived at EDR: 09/06/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 27

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List

Plumas County CUPA Program facilities.

Date of Government Version: 07/19/2018
Date Data Arrived at EDR: 07/25/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 42

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 4

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 10/10/2018
Date Data Arrived at EDR: 10/12/2018
Date Made Active in Reports: 11/05/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/03/2018
Date Data Arrived at EDR: 10/02/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 30

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/02/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 08/23/2018
Date Data Arrived at EDR: 10/02/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 31

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/02/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 08/07/2018
Date Data Arrived at EDR: 08/09/2018
Date Made Active in Reports: 09/05/2018
Number of Days to Update: 27

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 07/27/2018
Date Data Arrived at EDR: 07/31/2018
Date Made Active in Reports: 09/10/2018
Number of Days to Update: 41

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 11/05/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 41

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/05/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 56

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 38

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

SAN DIEGO CO. SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

LUST SAN FRANCISCO: Local Oversight 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: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 09/17/2018
Date Data Arrived at EDR: 09/18/2018
Date Made Active in Reports: 10/03/2018
Number of Days to Update: 15

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/17/2018
Next Scheduled EDR Contact: 12/31/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 08/20/2018
Date Data Arrived at EDR: 08/21/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 17

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 11/01/2018
Number of Days to Update: 42

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/17/2018
Number of Days to Update: 27

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/10/2018
Next Scheduled EDR Contact: 12/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List

Cupa facility list

Date of Government Version: 08/17/2018
Date Data Arrived at EDR: 08/22/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 16

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST SANTA CLARA: LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/21/2018
Next Scheduled EDR Contact: 03/11/2019
Data Release Frequency: Annually

SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 08/01/2018
Date Data Arrived at EDR: 08/06/2018
Date Made Active in Reports: 09/11/2018
Number of Days to Update: 36

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 11/01/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List

CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List

Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/14/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 10/17/2018
Number of Days to Update: 43

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 08/29/2018
Date Data Arrived at EDR: 09/04/2018
Date Made Active in Reports: 10/18/2018
Number of Days to Update: 44

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CUPA SONOMA: Cupa Facility List Cupa Facility list

Date of Government Version: 09/24/2018
Date Data Arrived at EDR: 09/25/2018
Date Made Active in Reports: 10/16/2018
Number of Days to Update: 21

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 10/02/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 10/25/2018
Number of Days to Update: 21

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/24/2018
Next Scheduled EDR Contact: 01/07/2019
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List Cupa facility list

Date of Government Version: 08/14/2018
Date Data Arrived at EDR: 08/16/2018
Date Made Active in Reports: 08/24/2018
Number of Days to Update: 8

Source: Stanislaus County Department of Environmental Protection
Telephone: 209-525-6751
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 09/18/2018
Date Data Arrived at EDR: 09/20/2018
Date Made Active in Reports: 10/25/2018
Number of Days to Update: 35

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 03/18/2019
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 07/17/2018
Date Data Arrived at EDR: 08/02/2018
Date Made Active in Reports: 09/07/2018
Number of Days to Update: 36

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List Cupa facility list

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/22/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/14/2018
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 09/13/2018
Date Data Arrived at EDR: 09/14/2018
Date Made Active in Reports: 09/19/2018
Number of Days to Update: 5

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 11/29/2018
Next Scheduled EDR Contact: 02/18/2019
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/25/2018
Date Made Active in Reports: 11/30/2018
Number of Days to Update: 36

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/22/2018
Next Scheduled EDR Contact: 02/04/2019
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 10/01/2018
Next Scheduled EDR Contact: 01/14/2019
Data Release Frequency: Annually

LUST VENTURA: Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 11/07/2018
Next Scheduled EDR Contact: 02/25/2019
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

MED WASTE VENTURA: Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/25/2018	Source: Ventura County Resource Management Agency
Date Data Arrived at EDR: 10/25/2018	Telephone: 805-654-2813
Date Made Active in Reports: 11/30/2018	Last EDR Contact: 10/22/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 02/04/2019
	Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 09/04/2018	Source: Environmental Health Division
Date Data Arrived at EDR: 09/12/2018	Telephone: 805-654-2813
Date Made Active in Reports: 10/04/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 22	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 10/15/2018	Source: Yolo County Department of Health
Date Data Arrived at EDR: 10/19/2018	Telephone: 530-666-8646
Date Made Active in Reports: 11/05/2018	Last EDR Contact: 10/15/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 11/05/2018	Source: Yuba County Environmental Health Department
Date Data Arrived at EDR: 11/07/2018	Telephone: 530-749-7523
Date Made Active in Reports: 11/14/2018	Last EDR Contact: 10/25/2018
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/11/2019
	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: 11/12/2018	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 11/14/2018	Telephone: 860-424-3375
Date Made Active in Reports: 12/04/2018	Last EDR Contact: 11/14/2018
Number of Days to Update: 20	Next Scheduled EDR Contact: 02/25/2019
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 07/13/2018
Date Made Active in Reports: 08/01/2018
Number of Days to Update: 19

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/09/2018
Next Scheduled EDR Contact: 01/21/2019
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: 07/01/2018
Date Data Arrived at EDR: 08/01/2018
Date Made Active in Reports: 08/31/2018
Number of Days to Update: 30

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/31/2018
Next Scheduled EDR Contact: 02/11/2019
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 10/23/2018
Date Made Active in Reports: 11/27/2018
Number of Days to Update: 35

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/15/2018
Next Scheduled EDR Contact: 01/28/2019
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/16/2018
Next Scheduled EDR Contact: 03/04/2019
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/07/2018
Next Scheduled EDR Contact: 03/25/2019
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

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

WHITTIER AQUATICS CENTER
10800 BEN AVON STREET
WHITTIER, CA 90606

TARGET PROPERTY COORDINATES

Latitude (North):	33.973037 - 33° 58' 22.93"
Longitude (West):	118.078652 - 118° 4' 43.15"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	400352.9
UTM Y (Meters):	3759496.2
Elevation:	160 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5633777 WHITTIER, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

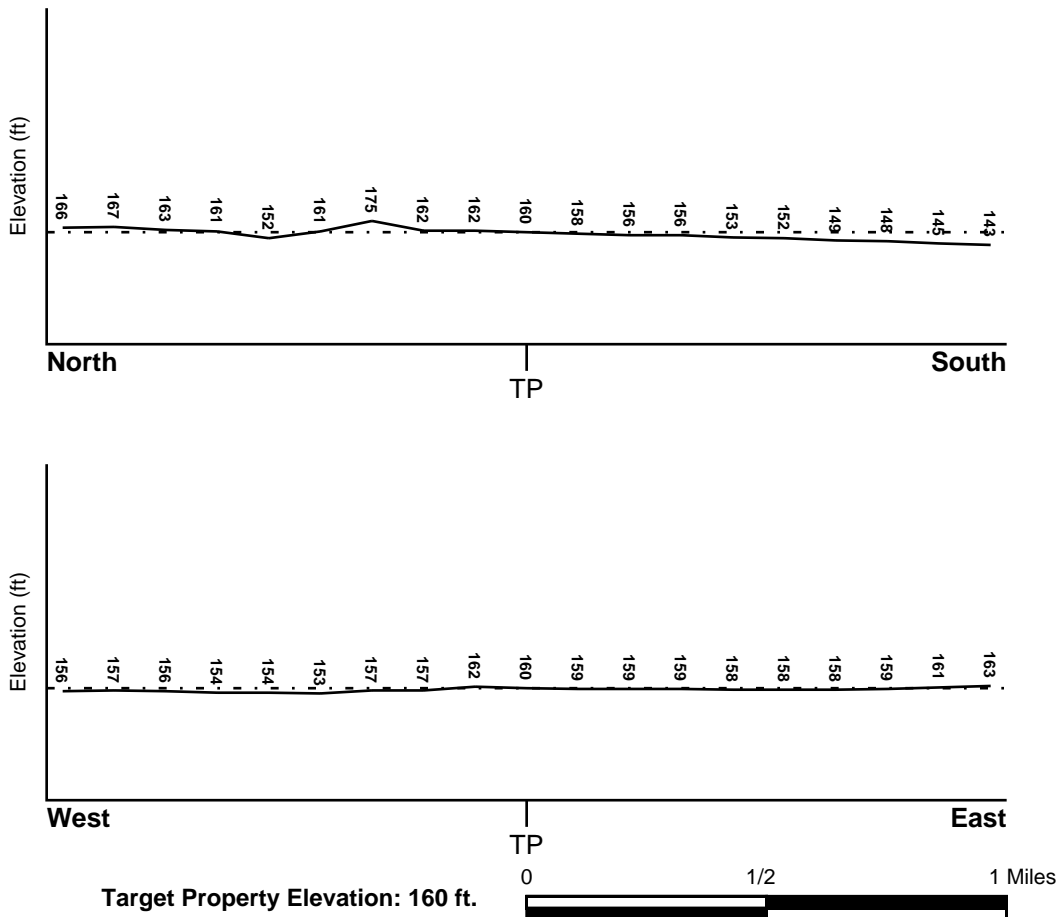
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SSW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
06037C1830F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06037C1835F	FEMA FIRM Flood data
06037C1829F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
WHITTIER	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 Miles SE
Site Name:	WEST BENT BOLT
Site EPA ID Number:	CAD004295572
Groundwater Flow Direction:	NOT AVAILABLE.
Inferred Depth to Water:	approximately 100 feet in the Gaspur aquifer.
Hydraulic Connection:	Thick layers of clay are present between the ground surface and a depth of 70 feet. The Gaspur and underlying aquifers are interconnected in the site vicinity.
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.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Cenozoic
System: Quaternary
Series: Quaternary
Code: Q (*decoded above as Era, System & Series*)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: 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

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	USGS40000139445	1/4 - 1/2 Mile NW
2	USGS40000139484	1/4 - 1/2 Mile NNE
4	USGS40000139509	1/2 - 1 Mile North
B5	USGS40000139396	1/2 - 1 Mile West
B6	USGS40000139395	1/2 - 1 Mile West
B7	USGS40000139397	1/2 - 1 Mile West
B8	USGS40000139399	1/2 - 1 Mile West
B9	USGS40000139398	1/2 - 1 Mile West
B10	USGS40000139392	1/2 - 1 Mile WSW
B11	USGS40000139394	1/2 - 1 Mile WSW
B12	USGS40000139400	1/2 - 1 Mile West
15	USGS40000139518	1/2 - 1 Mile North
D16	USGS40000139539	1/2 - 1 Mile NNW
18	USGS40000139538	1/2 - 1 Mile NNE
22	USGS40000139544	1/2 - 1 Mile NNE
23	USGS40000139558	1/2 - 1 Mile NNE
24	USGS40000139382	1/2 - 1 Mile ESE
35	USGS40000139314	1/2 - 1 Mile SW
36	USGS40000139376	1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A3	CADW60000031453	1/4 - 1/2 Mile NW
C13	2858	1/2 - 1 Mile SW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

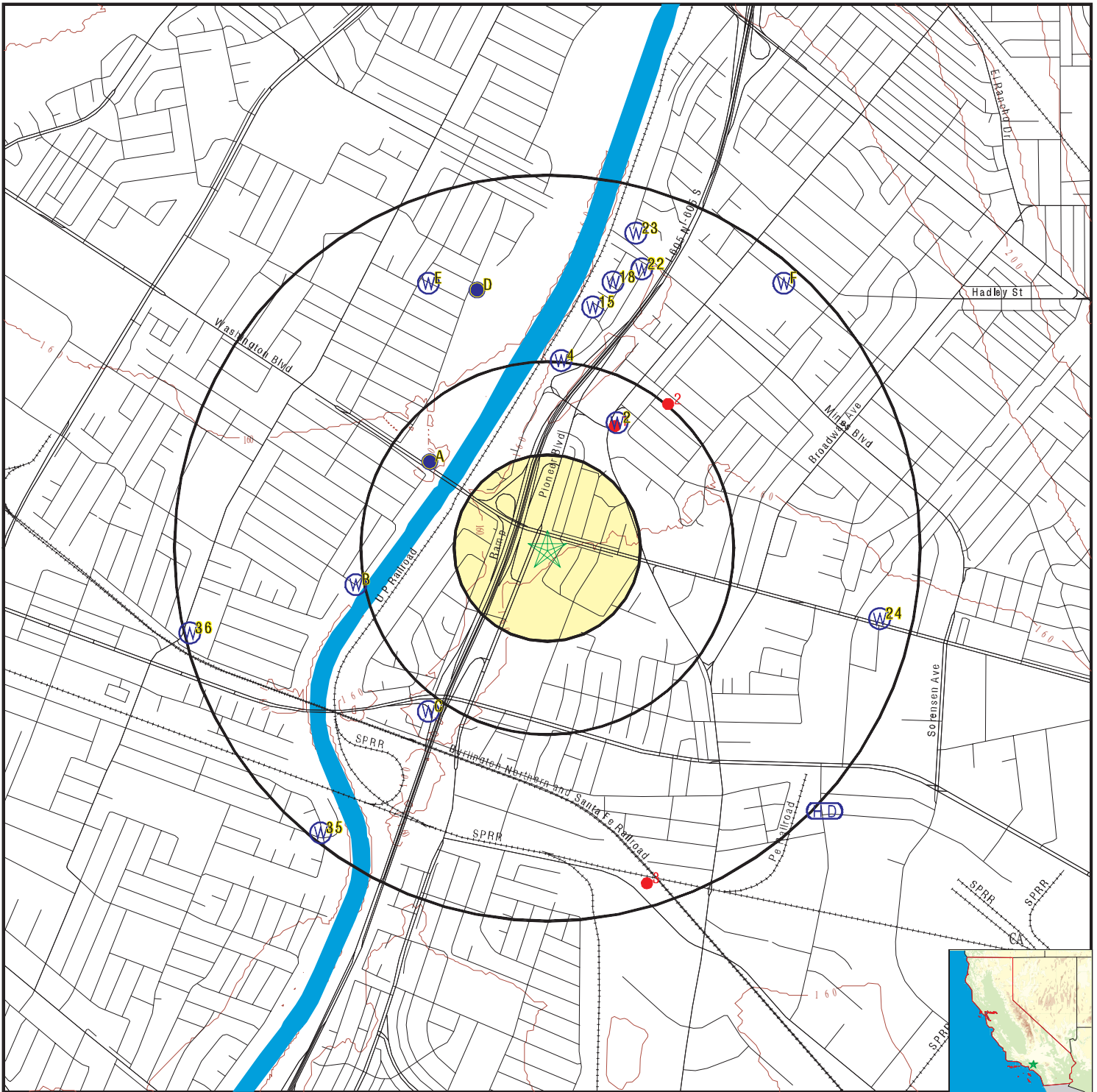
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
C14	2859	1/2 - 1 Mile SW
D17	CADW60000018788	1/2 - 1 Mile NNW
E19	2772	1/2 - 1 Mile NNW
E20	2773	1/2 - 1 Mile NNW
E21	2824	1/2 - 1 Mile NNW
F25	2768	1/2 - 1 Mile NE
F26	2767	1/2 - 1 Mile NE
F27	2766	1/2 - 1 Mile NE
F28	2771	1/2 - 1 Mile NE
F29	2770	1/2 - 1 Mile NE
F30	2769	1/2 - 1 Mile NE
F31	2764	1/2 - 1 Mile NE
F32	2761	1/2 - 1 Mile NE
F33	2762	1/2 - 1 Mile NE
F34	2763	1/2 - 1 Mile NE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG11000204728	1/4 - 1/2 Mile NNE
2	CAOG11000205038	1/2 - 1 Mile NE
3	CAOG11000204592	1/2 - 1 Mile SSE

PHYSICAL SETTING SOURCE MAP - 5508191.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons



- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Whittier Aquatics Center
 ADDRESS: 10800 Ben Avon Street
 Whittier CA 90606
 LAT/LONG: 33.973037 / 118.078652

CLIENT: Hana Resources
 CONTACT: Dale Schneeberger
 INQUIRY #: 5508191.2s
 DATE: December 11, 2018 8:13 am

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

A1
NW
1/4 - 1/2 Mile
Higher

FED USGS USGS40000139445

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W25Q001S	Type:	Well
Description:	2-INCH PVC OBSERVATION WELL		
HUC:	18070106	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	93.43
Well Depth Units:	ft	Well Hole Depth:	93.43
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	20	Level reading date:	1996-05-18
Feet below surface:	30.76	Feet to sea level:	Not Reported
Note:	Not Reported		

Level reading date:	1995-07-31	Feet below surface:	25.56
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1995-06-27	Feet below surface:	21.90
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1995-05-04	Feet below surface:	21.99
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1995-04-11	Feet below surface:	18.00
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-07-06	Feet below surface:	23.32
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-06-02	Feet below surface:	29.24
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-04-21	Feet below surface:	25.34
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-04-07	Feet below surface:	25.84
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-04-05	Feet below surface:	25.18
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-04-04	Feet below surface:	25.50
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1994-03-10	Feet below surface:	21.36
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1993-11-17	Feet below surface:	32.30
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1993-04-12	Feet below surface:	19.93
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1993-02-19	Feet below surface:	21.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-12-09	Feet below surface:	35.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-11-23	Feet below surface:	34.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-09-30	Feet below surface:	47.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-08-14	Feet below surface:	42.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1992-07-20	Feet below surface:	39.50
Feet to sea level:	Not Reported	Note:	Not Reported

2
NNE
1/4 - 1/2 Mile
Higher

FED USGS USGS40000139484

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S011W19P002S	Type:	Well
Description:	Not Reported	HUC:	Not Reported
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	2000	Well Depth:	810
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

A3
NW
1/4 - 1/2 Mile
Lower

CA WELLS CADW60000031453

Objectid:	31453	Latitude:	33.9764
Longitude:	-118.0846	Site code:	339764N1180846W001
State well numbe:	02S12W25Q001S	Local well name:	"
Well use id:	6	Well use descrip:	Unknown
County id:	19	County name:	Los Angeles
Basin code:	'4-11.04'	Basin desc:	Central
Dwr region id:	80238	Dwr region:	Southern Region Office
Site id:	CADW60000031453		

4
North
1/2 - 1 Mile
Higher

FED USGS USGS40000139509

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S011W19M001S	Type:	Well
Description:	Not Reported	HUC:	18070106

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1950	Well Depth:	728
Well Depth Units:	ft	Well Hole Depth:	728
Well Hole Depth Units:	ft		

B5
West
1/2 - 1 Mile
Lower

FED USGS USGS40000139396

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W25G005S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19980610	Well Depth:	580
Well Depth Units:	ft	Well Hole Depth:	1203
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	24	Level reading date:	2002-09-30
Feet below surface:	71.47	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2002-06-27	Feet below surface:	60.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-06-18	Feet below surface:	60.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-27	Feet below surface:	53.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-02	Feet below surface:	52.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-09-28	Feet below surface:	68.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-27	Feet below surface:	56.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-26	Feet below surface:	49.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-29	Feet below surface:	48.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-29	Feet below surface:	55.81
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	2000-09-27	Feet below surface:	61.60
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-08-04	Feet below surface:	55.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-24	Feet below surface:	46.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-05	Feet below surface:	44.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-06	Feet below surface:	62.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-04	Feet below surface:	67.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	65.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-17	Feet below surface:	59.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-23	Feet below surface:	52.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-11	Feet below surface:	46.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-11	Feet below surface:	47.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-21	Feet below surface:	49.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-18	Feet below surface:	49.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-06	Feet below surface:	49.58
Feet to sea level:	Not Reported	Note:	Not Reported

**B6
West
1/2 - 1 Mile
Lower**

FED USGS USGS40000139395

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18070106
Monitor Location:	002S012W25G004S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Aquifer Type:	Not Reported
Contrib Drainage Area:	Not Reported	Well Depth:	850
Aquifer:	California Coastal Basin aquifers	Well Hole Depth:	1203
Formation Type:	Not Reported		
Construction Date:	19980610		
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	24	Level reading date:	2002-09-30
Feet below surface:	80.13	Feet to sea level:	Not Reported
Note:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2002-06-27	Feet below surface:	69.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-06-18	Feet below surface:	68.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-27	Feet below surface:	57.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-02	Feet below surface:	57.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-09-28	Feet below surface:	79.40
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-27	Feet below surface:	63.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-26	Feet below surface:	57.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-29	Feet below surface:	54.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-29	Feet below surface:	63.48
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	2000-09-27	Feet below surface:	69.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-04	Feet below surface:	64.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-24	Feet below surface:	53.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-05	Feet below surface:	52.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-06	Feet below surface:	66.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-04	Feet below surface:	74.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	74.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-17	Feet below surface:	69.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-23	Feet below surface:	62.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-11	Feet below surface:	52.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-11	Feet below surface:	54.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-21	Feet below surface:	58.97

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-18	Feet below surface:	58.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-06	Feet below surface:	59.13
Feet to sea level:	Not Reported	Note:	Not Reported

B7
West
1/2 - 1 Mile
Lower

FED USGS USGS40000139397

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W25G006S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19980610	Well Depth:	340
Well Depth Units:	ft	Well Hole Depth:	1203
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	24	Level reading date:	2002-09-30
Feet below surface:	51.29	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2002-06-27	Feet below surface:	46.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-06-18	Feet below surface:	48.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-27	Feet below surface:	39.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-02	Feet below surface:	36.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-09-28	Feet below surface:	49.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-27	Feet below surface:	37.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-26	Feet below surface:	31.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-29	Feet below surface:	34.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-29	Feet below surface:	41.78
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	2000-09-27	Feet below surface:	43.22
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-08-04	Feet below surface:	37.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-24	Feet below surface:	32.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-05	Feet below surface:	36.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-06	Feet below surface:	51.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-04	Feet below surface:	54.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	51.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-17	Feet below surface:	45.44
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1999-06-23	Feet below surface:	34.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-11	Feet below surface:	38.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-11	Feet below surface:	35.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-21	Feet below surface:	37.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-18	Feet below surface:	35.42
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1998-10-06	Feet below surface:	35.75
Feet to sea level:	Not Reported	Note:	Not Reported

B8
West
1/2 - 1 Mile
Lower

FED USGS USGS40000139399

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W25G008S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19980610	Well Depth:	120
Well Depth Units:	ft	Well Hole Depth:	1203
Well Hole Depth Units:	ft		

Ground water levels, Number of Measurements:	24	Level reading date:	2002-09-30
Feet below surface:	42.06	Feet to sea level:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Note:	Not Reported		
Level reading date:	2002-06-27	Feet below surface:	41.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-06-18	Feet below surface:	40.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-27	Feet below surface:	33.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-02	Feet below surface:	30.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-09-28	Feet below surface:	35.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-27	Feet below surface:	28.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-26	Feet below surface:	25.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-29	Feet below surface:	29.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-29	Feet below surface:	31.66
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	2000-09-27	Feet below surface:	38.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-04	Feet below surface:	30.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-24	Feet below surface:	26.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-05	Feet below surface:	36.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-06	Feet below surface:	48.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-04	Feet below surface:	49.09
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	45.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-17	Feet below surface:	38.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-23	Feet below surface:	25.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-11	Feet below surface:	30.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-11	Feet below surface:	28.66
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1998-10-21	Feet below surface:	30.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-18	Feet below surface:	29.57
Feet to sea level:	Not Reported	Note:	A nearby site that taps the same aquifer had been pumped recently.
Level reading date:	1998-10-06	Feet below surface:	26.35
Feet to sea level:	Not Reported	Note:	Not Reported

**B9
West
1/2 - 1 Mile
Lower**

FED USGS USGS40000139398

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W25G007S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19980610	Well Depth:	255
Well Depth Units:	ft	Well Hole Depth:	1203
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	24	Level reading date:	2002-09-30
Feet below surface:	49.98	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2002-06-27	Feet below surface:	45.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-06-18	Feet below surface:	50.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-27	Feet below surface:	38.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-02	Feet below surface:	36.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-09-28	Feet below surface:	46.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-27	Feet below surface:	36.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-26	Feet below surface:	31.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-29	Feet below surface:	33.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-29	Feet below surface:	42.30
Feet to sea level:	Not Reported	Note:	A nearby site that taps the same aquifer was being pumped.
Note:			
Level reading date:	2000-09-27	Feet below surface:	42.59

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-04	Feet below surface:	36.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-24	Feet below surface:	31.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-05	Feet below surface:	37.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-06	Feet below surface:	51.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-04	Feet below surface:	55.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	52.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-17	Feet below surface:	46.60
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1999-06-23	Feet below surface:	34.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-11	Feet below surface:	38.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-11	Feet below surface:	36.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-21	Feet below surface:	38.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-18	Feet below surface:	34.60
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1998-10-06	Feet below surface:	37.00
Feet to sea level:	Not Reported	Note:	Not Reported

**B10
WSW
1/2 - 1 Mile
Lower**

FED USGS USGS40000139392

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W25G001S	Type:	Well
Description:	LA WATER REPLENISHMENT DIST	GPS LAT-LONG	
HUC:	18070106	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported	Aquifer:	California Coastal Basin aquifers
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19521218	Well Depth:	520
Well Depth Units:	ft	Well Hole Depth:	520
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Database EDR ID Number

B11
WSW
1/2 - 1 Mile
Lower

FED USGS USGS40000139394

Organization ID:	USGS-CA	Type:	Well
Organization Name:	USGS California Water Science Center	HUC:	18070106
Monitor Location:	002S012W25G003S	Drainage Area Units:	Not Reported
Description:	Not Reported	Contrib Drainage Area Units:	Not Reported
Drainage Area:	Not Reported	Aquifer Type:	Not Reported
Contrib Drainage Area:	Not Reported	Well Depth:	1200
Aquifer:	California Coastal Basin aquifers	Well Hole Depth:	1203
Formation Type:	Not Reported		
Construction Date:	19980610		
Well Depth Units:	ft		
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	24	Level reading date:	2002-09-30
Feet below surface:	81.34	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	2002-06-27	Feet below surface:	70.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-06-18	Feet below surface:	70.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-03-27	Feet below surface:	62.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2002-01-02	Feet below surface:	62.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-09-28	Feet below surface:	80.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-27	Feet below surface:	66.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-04-26	Feet below surface:	59.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-29	Feet below surface:	58.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-29	Feet below surface:	64.79
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	2000-09-27	Feet below surface:	75.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-04	Feet below surface:	69.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-05-24	Feet below surface:	58.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-05	Feet below surface:	56.05

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-06	Feet below surface:	69.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-11-04	Feet below surface:	77.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	76.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-17	Feet below surface:	71.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-06-23	Feet below surface:	64.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-02-11	Feet below surface:	54.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-12-11	Feet below surface:	57.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-21	Feet below surface:	59.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-18	Feet below surface:	58.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-06	Feet below surface:	58.62
Feet to sea level:	Not Reported	Note:	Not Reported

B12
West
1/2 - 1 Mile
Lower

FED USGS USGS40000139400

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W25G002S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	474
Well Depth Units:	ft	Well Hole Depth:	474
Well Hole Depth Units:	ft		

C13
SW
1/2 - 1 Mile
Higher

CA WELLS 2858

Seq:	2858	Prim sta c:	02S/12W-25G01 S
Frds no:	1910042005	County:	19
District:	07	User id:	4TH
System no:	1910042	Water type:	G
Source nam:	WELL W12	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude:	335800.0	Longitude:	1180500.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910042	System nam:	PICO RIVERA - CITY, WATER DEPT.
Hqname:	Not Reported	Address:	P.O. Box 1016
City:	Pico Rivera	State:	CA
Zip:	90660	Zip ext:	Not Reported
Pop serv:	36000	Connection:	8945
Area serve:	Not Reported		
Sample date:	15-JAN-18	Finding:	0.69
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	15-JAN-18	Finding:	5.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	10-OCT-17	Finding:	0.59
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	25-JUL-17	Finding:	2.
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dir:	0.		
Sample date:	25-JUL-17	Finding:	2.
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	25-JUL-17	Finding:	0.61
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	25-JUL-17	Finding:	4.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	24-APR-17	Finding:	0.65
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-APR-17	Finding:	4.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-FEB-17	Finding:	4.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-FEB-17	Finding:	0.77
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	09-NOV-16	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	09-NOV-16	Finding:	0.64
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	21-JUL-16	Finding:	4.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	21-JUL-16	Finding:	0.64
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	09-MAY-16	Finding:	11.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	09-MAY-16	Finding:	550.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-16	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	09-MAY-16	Finding:	110.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	09-MAY-16	Finding:	82.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-16	Finding:	4.7
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-16	Finding:	120.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-16	Finding:	17.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-16	Finding:	69.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-16	Finding:	240.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-16	Finding:	0.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	09-MAY-16	Finding:	4.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-MAY-16	Finding:	190.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	09-MAY-16	Finding:	160.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	09-MAY-16	Finding:	7.42
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	09-MAY-16	Finding:	910.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-MAR-16	Finding:	4.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	22-MAR-16	Finding:	0.81
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	14-OCT-15	Finding:	0.63
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	14-OCT-15	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	27-JUL-15	Finding:	0.84
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	15-APR-15	Finding:	0.8
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	26-FEB-15	Finding:	1.e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	26-FEB-15	Finding:	0.234
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	26-FEB-15	Finding:	3.26
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		
Sample date:	26-FEB-15	Finding:	0.83
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	26-FEB-15	Finding:	0.121
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dir:	0.		
Sample date:	26-FEB-15	Finding:	0.47
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0		
Report units:	PCI/L	Dir:	0.

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	26-FEB-15	Finding:	0.594
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	26-FEB-15	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	26-FEB-15	Finding:	2.8e-002
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0	Dir:	0.
Report units:	PCI/L		
Sample date:	18-DEC-14	Finding:	22.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	18-DEC-14	Finding:	0.65
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	16-SEP-14	Finding:	0.74
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	23-APR-14	Finding:	0.78
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	14-JAN-14	Finding:	0.77
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	17-DEC-13	Finding:	19.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	18-NOV-13	Finding:	17.1
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	28-OCT-13	Finding:	1.3
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	28-OCT-13	Finding:	18.9
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	19-SEP-13	Finding:	20.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	12-AUG-13	Finding:	20.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	16-JUL-13	Finding:	20.9
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	16-JUL-13	Finding:	0.89
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.3		
Sample date:	16-JUL-13	Finding:	9.1
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	20-JUN-13	Finding:	20.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	20-JUN-13	Finding:	9.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-MAY-13	Finding:	9.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	21-MAY-13	Finding:	20.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	25-APR-13	Finding:	2100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	25-APR-13	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	25-APR-13	Finding:	0.11
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	25-APR-13	Finding:	9.2
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	25-APR-13	Finding:	0.31
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	25-APR-13	Finding:	100.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	25-APR-13	Finding:	75.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	25-APR-13	Finding:	3.6
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	25-APR-13	Finding:	72.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	25-APR-13	Finding:	12.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	25-APR-13	Finding:	53.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	25-APR-13	Finding:	180.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	25-APR-13	Finding:	0.87
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	25-APR-13	Finding:	140.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	25-APR-13	Finding:	120.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	25-APR-13	Finding:	7.6
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	25-APR-13	Finding:	710.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	25-APR-13	Finding:	19.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	25-APR-13	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	11-MAR-13	Finding:	17.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	28-FEB-13	Finding:	18.2
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	24-JAN-13	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-JAN-13	Finding:	17.7
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	18-DEC-12	Finding:	17.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	23-OCT-12	Finding:	19.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	23-OCT-12	Finding:	0.65
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.3		
Sample date:	24-SEP-12	Finding:	0.79
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-SEP-12	Finding:	19.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	24-JUL-12	Finding:	18.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	12-JUN-12	Finding:	19.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	17-MAY-12	Finding:	18.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	17-APR-12	Finding:	0.102
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dir:	0.		
Sample date:	17-APR-12	Finding:	3.e-002
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0	Dir:	0.
Report units:	PCI/L		
Sample date:	17-APR-12	Finding:	0.203
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	17-APR-12	Finding:	2.15
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	17-APR-12	Finding:	0.557
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	17-APR-12	Finding:	1.28
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	17-APR-12	Finding:	0.65
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	17-APR-12	Finding:	18.4
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	17-APR-12	Finding:	0.368
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0	Dir:	0.
Report units:	PCI/L		
Sample date:	20-MAR-12	Finding:	19.1
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	23-JAN-12	Finding:	0.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		

**C14
SW
1/2 - 1 Mile
Higher**

CA WELLS 2859

Seq:	2859	Prim sta c:	02S/12W-25G02 S
Frds no:	1910042004	County:	19
District:	07	User id:	4TH
System no:	1910042	Water type:	G
Source nam:	WELL W11	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335800.0	Longitude:	1180500.0
Precision:	4	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910042	System nam:	PICO RIVERA - CITY, WATER DEPT.
Hqname:	Not Reported	Address:	P.O. Box 1016
City:	Pico Rivera	State:	CA
Zip:	90660	Zip ext:	Not Reported
Pop serv:	36000	Connection:	8945
Area serve:	Not Reported		
Sample date:	15-JAN-18	Finding:	5.5
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	10-OCT-17	Finding:	5.7
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dir:	0.		
Sample date:	10-OCT-17	Finding:	5.7
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	25-JUL-17	Finding:	4.4
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dir:	0.		
Sample date:	25-JUL-17	Finding:	4.4
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	09-FEB-17	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	09-FEB-17	Finding:	12.1
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	09-FEB-17	Finding:	550.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	09-FEB-17	Finding:	0.27

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical: Dir:	FLUORIDE (F) (NATURAL-SOURCE) 0.1	Report units:	MG/L
Sample date: Chemical: Dir:	09-FEB-17 SULFATE 0.5	Finding: Report units:	110. MG/L
Sample date: Chemical: Dir:	09-FEB-17 CHLORIDE 0.	Finding: Report units:	110. MG/L
Sample date: Chemical: Dir:	09-FEB-17 POTASSIUM 0.	Finding: Report units:	4.4 MG/L
Sample date: Chemical: Dir:	09-FEB-17 SODIUM 0.	Finding: Report units:	80. MG/L
Sample date: Chemical: Dir:	09-FEB-17 MAGNESIUM 0.	Finding: Report units:	16. MG/L
Sample date: Chemical: Dir:	09-FEB-17 CALCIUM 0.	Finding: Report units:	67. MG/L
Sample date: Chemical: Dir:	09-FEB-17 HARDNESS (TOTAL) AS CaCO3 0.	Finding: Report units:	230. MG/L
Sample date: Chemical: Dir:	09-FEB-17 NITRATE (AS N) 0.4	Finding: Report units:	4.4 MG/L
Sample date: Chemical: Dir:	09-FEB-17 SPECIFIC CONDUCTANCE 0.	Finding: Report units:	920. US
Sample date: Chemical: Dir:	09-FEB-17 PH, LABORATORY 0.	Finding: Report units:	7.67 Not Reported
Sample date: Chemical: Dir:	09-FEB-17 BICARBONATE ALKALINITY 0.	Finding: Report units:	200. MG/L
Sample date: Chemical: Dir:	21-JUL-16 CHLOROFORM (THM) 1.	Finding: Report units:	1.1 UG/L
Sample date: Chemical: Dir:	09-MAY-16 NITRATE (AS N) 0.4	Finding: Report units:	4.4 MG/L
Sample date: Chemical: Dir:	15-APR-15 TOTAL ORGANIC CARBON (TOC) 0.3	Finding: Report units:	0.73 MG/L
Sample date: Chemical: Dir:	15-APR-15 NITRATE (AS NO3) 2.	Finding: Report units:	22. MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	26-FEB-15	Finding:	0.81
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	18-DEC-14	Finding:	21.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	18-DEC-14	Finding:	0.78
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	16-SEP-14	Finding:	1.3
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	16-SEP-14	Finding:	0.65
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-APR-14	Finding:	0.63
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	17-JAN-14	Finding:	4.1e-002
Chemical:	RADIUM 228	Report units:	PCI/L
Dir:	1.		
Sample date:	17-JAN-14	Finding:	0.603
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	17-JAN-14	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	17-JAN-14	Finding:	5.3e-002
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0	Dir:	0.
Report units:	PCI/L		
Sample date:	17-JAN-14	Finding:	0.273
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dir:	0.		
Sample date:	17-JAN-14	Finding:	0.418
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0	Dir:	0.
Report units:	PCI/L		
Sample date:	17-JAN-14	Finding:	780.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	17-JAN-14	Finding:	7.3
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	17-JAN-14	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	17-JAN-14	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	17-JAN-14	Finding:	0.79
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	17-JAN-14	Finding:	211.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	17-JAN-14	Finding:	61.8
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	17-JAN-14	Finding:	14.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	17-JAN-14	Finding:	74.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	17-JAN-14	Finding:	3.9
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	17-JAN-14	Finding:	89.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	17-JAN-14	Finding:	100.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	17-JAN-14	Finding:	0.29
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	17-JAN-14	Finding:	0.215
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	17-JAN-14	Finding:	460.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	17-JAN-14	Finding:	0.29
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	17-JAN-14	Finding:	11.6
Chemical:	AGGRSSIVE INDEX (CORROSIIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	17-JAN-14	Finding:	1.6e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	28-OCT-13	Finding:	19.2
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	28-OCT-13	Finding:	0.65
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	18-JUL-13	Finding:	0.82
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	18-JUL-13	Finding:	22.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	16-JUL-13	Finding:	22.6
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	16-JUL-13	Finding:	1.2
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dir:	0.		
Sample date:	25-APR-13	Finding:	0.81
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	25-APR-13	Finding:	19.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	24-JAN-13	Finding:	16.2
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	24-JAN-13	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	23-OCT-12	Finding:	18.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	23-OCT-12	Finding:	0.59
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-JUL-12	Finding:	0.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-JUL-12	Finding:	19.2
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	17-APR-12	Finding:	17.9
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	17-APR-12	Finding:	0.68
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	23-JAN-12	Finding:	0.67
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir: 0.3

**15
North
1/2 - 1 Mile
Higher**

FED USGS USGS40000139518

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S011W19M004S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1919	Well Depth:	347
Well Depth Units:	ft	Well Hole Depth:	347
Well Hole Depth Units:	ft		

**D16
NNW
1/2 - 1 Mile
Higher**

FED USGS USGS40000139539

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S011W19E001S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	59
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	358	Level reading date:	1998-07-14
Feet below surface:	24.13	Feet to sea level:	Not Reported
Note:	Not Reported		
Level reading date:	1998-06-10	Feet below surface:	16.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-01	Feet below surface:	11.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-03-11	Feet below surface:	10.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-02-10	Feet below surface:	14.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-07	Feet below surface:	19.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-12-11	Feet below surface:	21.72
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1997-09-18	Feet below surface:	33.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-09-05	Feet below surface:	29.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-30	Feet below surface:	27.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-08-08	Feet below surface:	26.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-07-22	Feet below surface:	25.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-08-09	Feet below surface:	25.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-11	Feet below surface:	11.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-05-18	Feet below surface:	13.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-04-04	Feet below surface:	16.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-03-18	Feet below surface:	12.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-01-16	Feet below surface:	16.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-19	Feet below surface:	27.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-09-11	Feet below surface:	23.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-07-31	Feet below surface:	11.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-06-27	Feet below surface:	14.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-05-04	Feet below surface:	11.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1995-04-11	Feet below surface:	9.54
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-07-06	Feet below surface:	20.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-06-02	Feet below surface:	22.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1994-04-21	Feet below surface:	14.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-12-11	Feet below surface:	10.79
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1944-12-04	Feet below surface:	10.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-11-27	Feet below surface:	10.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-11-20	Feet below surface:	10.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-11-13	Feet below surface:	10.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-11-06	Feet below surface:	10.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-10-30	Feet below surface:	11.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-10-23	Feet below surface:	13.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-10-16	Feet below surface:	11.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-10-09	Feet below surface:	11.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-10-02	Feet below surface:	13.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-09-25	Feet below surface:	11.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-09-18	Feet below surface:	11.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-09-11	Feet below surface:	13.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-09-04	Feet below surface:	12.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-08-28	Feet below surface:	13.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-08-21	Feet below surface:	13.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-08-14	Feet below surface:	11.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-08-07	Feet below surface:	11.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-07-31	Feet below surface:	13.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-07-24	Feet below surface:	13.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-07-17	Feet below surface:	12.94
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1944-07-10	Feet below surface:	12.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-07-03	Feet below surface:	10.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-06-26	Feet below surface:	10.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-06-19	Feet below surface:	10.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-06-12	Feet below surface:	10.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-06-05	Feet below surface:	10.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-05-29	Feet below surface:	10.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-05-22	Feet below surface:	10.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-05-15	Feet below surface:	10.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-05-08	Feet below surface:	10.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-05-01	Feet below surface:	10.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-04-24	Feet below surface:	10.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-04-17	Feet below surface:	10.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-04-10	Feet below surface:	10.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-04-03	Feet below surface:	9.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-03-27	Feet below surface:	10.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-03-20	Feet below surface:	10.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-03-13	Feet below surface:	10.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-03-06	Feet below surface:	9.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-02-28	Feet below surface:	10.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-02-21	Feet below surface:	10.84
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1944-02-14	Feet below surface:	11.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-02-07	Feet below surface:	11.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-01-31	Feet below surface:	11.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-01-24	Feet below surface:	11.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-01-17	Feet below surface:	11.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-01-10	Feet below surface:	11.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1944-01-03	Feet below surface:	12.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-12-27	Feet below surface:	12.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-12-20	Feet below surface:	12.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-12-13	Feet below surface:	12.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-12-06	Feet below surface:	13.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-11-29	Feet below surface:	13.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-11-22	Feet below surface:	14.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-11-15	Feet below surface:	14.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-11-08	Feet below surface:	14.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-11-01	Feet below surface:	14.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-10-25	Feet below surface:	14.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-10-18	Feet below surface:	15.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-10-11	Feet below surface:	15.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-10-04	Feet below surface:	15.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-09-29	Feet below surface:	15.45
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1943-09-20	Feet below surface:	15.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-09-13	Feet below surface:	14.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-09-06	Feet below surface:	15.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-08-30	Feet below surface:	15.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-08-23	Feet below surface:	15.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-08-16	Feet below surface:	14.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-08-09	Feet below surface:	16.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-08-02	Feet below surface:	14.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-07-26	Feet below surface:	15.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-07-19	Feet below surface:	14.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-07-12	Feet below surface:	14.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-07-05	Feet below surface:	13.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-06-28	Feet below surface:	13.73
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-06-21	Feet below surface:	13.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-06-14	Feet below surface:	11.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-06-07	Feet below surface:	11.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-05-31	Feet below surface:	11.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-05-24	Feet below surface:	11.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-05-17	Feet below surface:	11.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-05-10	Feet below surface:	10.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-05-03	Feet below surface:	10.54
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1943-04-26	Feet below surface:	10.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-04-19	Feet below surface:	10.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-04-12	Feet below surface:	10.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-04-05	Feet below surface:	10.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-03-29	Feet below surface:	10.63
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-03-22	Feet below surface:	10.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-03-15	Feet below surface:	10.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-03-08	Feet below surface:	10.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-03-01	Feet below surface:	11.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-02-22	Feet below surface:	11.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-02-15	Feet below surface:	12.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-02-08	Feet below surface:	12.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-02-01	Feet below surface:	12.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-01-25	Feet below surface:	12.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-01-18	Feet below surface:	14.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-01-11	Feet below surface:	14.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1943-01-04	Feet below surface:	15.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-12-28	Feet below surface:	16.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-12-21	Feet below surface:	19.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-12-14	Feet below surface:	17.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-12-07	Feet below surface:	17.50
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1942-11-30	Feet below surface:	17.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-11-23	Feet below surface:	18.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-11-16	Feet below surface:	17.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-11-09	Feet below surface:	18.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-11-02	Feet below surface:	20.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-10-26	Feet below surface:	21.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-10-19	Feet below surface:	21.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-10-12	Feet below surface:	20.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-10-05	Feet below surface:	21.51
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-09-28	Feet below surface:	21.84
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-09-21	Feet below surface:	20.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-09-14	Feet below surface:	21.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-09-07	Feet below surface:	20.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-08-31	Feet below surface:	21.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-08-24	Feet below surface:	21.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-08-17	Feet below surface:	18.99
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-08-10	Feet below surface:	20.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-08-03	Feet below surface:	20.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-07-27	Feet below surface:	19.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-07-20	Feet below surface:	18.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-07-13	Feet below surface:	17.50
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1942-07-06	Feet below surface:	15.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-06-29	Feet below surface:	14.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-06-22	Feet below surface:	13.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-06-15	Feet below surface:	12.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-06-08	Feet below surface:	12.82
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-06-01	Feet below surface:	14.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-05-25	Feet below surface:	12.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-05-18	Feet below surface:	11.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-05-11	Feet below surface:	9.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-05-04	Feet below surface:	9.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-04-27	Feet below surface:	9.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-04-20	Feet below surface:	9.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-04-13	Feet below surface:	9.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-04-06	Feet below surface:	9.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-03-30	Feet below surface:	9.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-03-23	Feet below surface:	9.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-03-16	Feet below surface:	9.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-03-09	Feet below surface:	10.22
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-03-02	Feet below surface:	10.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-02-23	Feet below surface:	10.11
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-02-16	Feet below surface:	10.10
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1942-02-09	Feet below surface:	9.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-02-02	Feet below surface:	9.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-01-26	Feet below surface:	9.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-01-25	Feet below surface:	12.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-01-19	Feet below surface:	10.06
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-01-12	Feet below surface:	10.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1942-01-05	Feet below surface:	10.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-12-29	Feet below surface:	10.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-12-22	Feet below surface:	10.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-12-15	Feet below surface:	10.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-12-08	Feet below surface:	10.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-12-01	Feet below surface:	10.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-11-24	Feet below surface:	10.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-11-17	Feet below surface:	10.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-11-10	Feet below surface:	10.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-11-03	Feet below surface:	10.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-10-27	Feet below surface:	10.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-10-20	Feet below surface:	11.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-10-13	Feet below surface:	11.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-10-06	Feet below surface:	11.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-09-29	Feet below surface:	11.41
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1941-09-22	Feet below surface:	11.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-09-17	Feet below surface:	11.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-09-10	Feet below surface:	11.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-09-03	Feet below surface:	11.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-08-27	Feet below surface:	12.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-08-20	Feet below surface:	12.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-08-13	Feet below surface:	13.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-08-06	Feet below surface:	12.90
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-07-30	Feet below surface:	14.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-07-23	Feet below surface:	14.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-07-16	Feet below surface:	10.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-07-09	Feet below surface:	8.49
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-07-02	Feet below surface:	7.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-06-25	Feet below surface:	9.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-06-18	Feet below surface:	7.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-06-11	Feet below surface:	7.03
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-06-04	Feet below surface:	7.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-05-28	Feet below surface:	9.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-05-21	Feet below surface:	10.78
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-05-14	Feet below surface:	10.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-05-07	Feet below surface:	9.62
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1941-04-30	Feet below surface:	7.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-04-23	Feet below surface:	7.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-04-16	Feet below surface:	10.36
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-04-09	Feet below surface:	9.24
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-04-02	Feet below surface:	10.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-03-26	Feet below surface:	13.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-03-19	Feet below surface:	14.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-03-12	Feet below surface:	15.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-03-05	Feet below surface:	16.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-02-26	Feet below surface:	18.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-02-19	Feet below surface:	20.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-02-12	Feet below surface:	22.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-02-05	Feet below surface:	23.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-01-29	Feet below surface:	23.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-01-22	Feet below surface:	25.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-01-15	Feet below surface:	26.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1941-01-01	Feet below surface:	28.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-12-31	Feet below surface:	30.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-12-24	Feet below surface:	34.23
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-12-18	Feet below surface:	36.30
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-12-11	Feet below surface:	36.03
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1940-12-04	Feet below surface:	35.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-11-27	Feet below surface:	35.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-11-20	Feet below surface:	37.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-11-13	Feet below surface:	37.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-11-06	Feet below surface:	38.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-10-30	Feet below surface:	38.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-10-23	Feet below surface:	39.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-10-16	Feet below surface:	38.58
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-10-09	Feet below surface:	38.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-10-02	Feet below surface:	38.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-09-25	Feet below surface:	37.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-09-18	Feet below surface:	36.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-09-11	Feet below surface:	35.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-09-04	Feet below surface:	35.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-08-28	Feet below surface:	34.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-08-21	Feet below surface:	35.26
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-08-19	Feet below surface:	33.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-08-07	Feet below surface:	34.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-07-31	Feet below surface:	33.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-07-24	Feet below surface:	31.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-07-17	Feet below surface:	30.16
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1940-07-10	Feet below surface:	29.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-07-03	Feet below surface:	28.83
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-06-26	Feet below surface:	26.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-06-19	Feet below surface:	27.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-06-12	Feet below surface:	26.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-06-05	Feet below surface:	24.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-05-29	Feet below surface:	22.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-05-22	Feet below surface:	18.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-05-15	Feet below surface:	16.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-05-08	Feet below surface:	15.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-05-01	Feet below surface:	15.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-04-24	Feet below surface:	16.88
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-04-17	Feet below surface:	16.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-04-10	Feet below surface:	15.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-04-03	Feet below surface:	15.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-03-27	Feet below surface:	15.96
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-03-20	Feet below surface:	16.18
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-03-13	Feet below surface:	16.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-03-06	Feet below surface:	16.61
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-02-28	Feet below surface:	16.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-02-21	Feet below surface:	17.29
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1940-02-14	Feet below surface:	17.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-02-07	Feet below surface:	17.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-01-31	Feet below surface:	18.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-01-24	Feet below surface:	19.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-01-17	Feet below surface:	22.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-01-10	Feet below surface:	23.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1940-01-03	Feet below surface:	25.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-12-27	Feet below surface:	27.43
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-12-20	Feet below surface:	29.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-12-13	Feet below surface:	28.91
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-12-06	Feet below surface:	30.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-11-29	Feet below surface:	29.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-11-22	Feet below surface:	28.44
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-11-15	Feet below surface:	27.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-11-08	Feet below surface:	25.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-11-01	Feet below surface:	26.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-10-25	Feet below surface:	23.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-10-18	Feet below surface:	24.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-10-11	Feet below surface:	25.80
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-10-04	Feet below surface:	27.89
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-09-27	Feet below surface:	31.90
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1939-09-20	Feet below surface:	37.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-09-18	Feet below surface:	35.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-09-06	Feet below surface:	35.31
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-08-30	Feet below surface:	33.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-08-23	Feet below surface:	32.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-08-16	Feet below surface:	30.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-08-09	Feet below surface:	28.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-08-02	Feet below surface:	24.74
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-07-26	Feet below surface:	20.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-07-19	Feet below surface:	18.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-07-12	Feet below surface:	27.72
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-07-05	Feet below surface:	28.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-06-28	Feet below surface:	27.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-06-21	Feet below surface:	27.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-06-19	Feet below surface:	27.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-06-14	Feet below surface:	24.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-06-07	Feet below surface:	21.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-05-31	Feet below surface:	19.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-05-24	Feet below surface:	17.53
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-05-17	Feet below surface:	15.62
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-05-10	Feet below surface:	21.40
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1939-05-03	Feet below surface:	18.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-04-26	Feet below surface:	16.86
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-04-19	Feet below surface:	16.46
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-04-05	Feet below surface:	16.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-03-29	Feet below surface:	16.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-03-22	Feet below surface:	17.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-03-15	Feet below surface:	17.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-03-08	Feet below surface:	17.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-03-01	Feet below surface:	18.08
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-02-22	Feet below surface:	18.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-02-15	Feet below surface:	18.71
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-02-08	Feet below surface:	19.20
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-02-01	Feet below surface:	19.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-01-25	Feet below surface:	20.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-01-20	Feet below surface:	21.05
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-01-13	Feet below surface:	19.77
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-01-11	Feet below surface:	20.59
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1939-01-04	Feet below surface:	21.66
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1938-12-28	Feet below surface:	23.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1938-12-21	Feet below surface:	24.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1938-12-14	Feet below surface:	31.50
Feet to sea level:	Not Reported	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1938-12-13	Feet below surface:	30.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-02-23	Feet below surface:	45.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1932-02-02	Feet below surface:	48.65
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-12-24	Feet below surface:	52.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-11-17	Feet below surface:	54.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-11-12	Feet below surface:	58.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-10-25	Feet below surface:	57.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-10-12	Feet below surface:	58.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-09-19	Feet below surface:	57.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-09-11	Feet below surface:	57.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-08-20	Feet below surface:	57.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-08-11	Feet below surface:	56.95
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-07-11	Feet below surface:	54.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1931-06-12	Feet below surface:	50.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1928-09-20	Feet below surface:	52.05
Feet to sea level:	Not Reported	Note:	Not Reported

**D17
NNW
1/2 - 1 Mile
Higher**

CA WELLS CADW60000018788

Objectid:	18788	Latitude:	33.9831
Longitude:	-118.0824	Site code:	339831N1180824W001
State well numbe:	02S11W19E001S	Local well name:	"
Well use id:	6	Well use descrip:	Unknown
County id:	19	County name:	Los Angeles
Basin code:	'4-11.04'	Basin desc:	Central
Dwr region id:	80238	Dwr region:	Southern Region Office
Site id:	CADW60000018788		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

18
NNE
1/2 - 1 Mile
Higher

FED USGS USGS40000139538

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S011W19F001S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Units:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1950	Well Depth:	650
Well Depth Units:	ft	Well Hole Depth:	650
Well Hole Depth Units:	ft		

E19
NNW
1/2 - 1 Mile
Higher

CA WELLS 2772

Seq:	2772	Prim sta c:	02S/11W-19M01 S
Frds no:	1910218006	County:	19
District:	07	User id:	4TH
System no:	1910218	Water type:	G
Source nam:	WELL 09	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1180500.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910218	System nam:	LA HABRA HEIGHTS CWD
Hqname:	Not Reported	Address:	PO BOX 628
City:	LA HABRA	State:	Not Reported
Zip:	90631	Zip ext:	Not Reported
Pop serv:	6500	Connection:	1848
Area serve:	LA HABRA HEIGHTS		
Sample date:	12-OCT-17	Finding:	3.9
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	19-JUL-17	Finding:	1.3
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	19-JUL-17	Finding:	5.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-JUL-16	Finding:	1.6
Chemical:	CHLOROFORM (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	13-JUL-16	Finding:	4.3

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Chemical: Dir:	NITRATE (AS N) 0.4	Report units:	MG/L
Sample date: Chemical: Dir:	16-SEP-15 TOTAL ORGANIC CARBON (TOC) 0.3	Finding: Report units:	0.61 MG/L
Sample date: Chemical: Dir:	16-SEP-15 GROSS ALPHA MDA95 0.	Finding: Report units:	1.e-002 PCI/L
Sample date: Chemical: Dir:	16-SEP-15 TURBIDITY, LABORATORY 0.1	Finding: Report units:	0.69 NTU
Sample date: Chemical: Dir:	16-SEP-15 TOTAL DISSOLVED SOLIDS 0.	Finding: Report units:	540. MG/L
Sample date: Chemical: Dir:	16-SEP-15 URANIUM (PCI/L) 1.	Finding: Report units:	1.3 PCI/L
Sample date: Chemical: Dir:	16-SEP-15 GROSS ALPHA COUNTING ERROR 0.	Finding: Report units:	0.154 PCI/L
Sample date: Chemical: Dir:	16-SEP-15 MANGANESE 20.	Finding: Report units:	34. UG/L
Sample date: Chemical: Dir:	16-SEP-15 RADIUM 226 COUNTING ERROR 0.	Finding: Report units:	0.218 PCI/L
Sample date: Chemical: Dir:	16-SEP-15 RADIUM 228 COUNTING ERROR 0.	Finding: Report units:	0.557 PCI/L
Sample date: Chemical: Dir:	16-SEP-15 RADIUM 226 MDA95 0.	Finding: Report units:	0.47 PCI/L
Sample date: Chemical: Dir:	16-SEP-15 RADIUM 228 MDA95 0.	Finding: Report units:	0.2 PCI/L
Sample date: Chemical: Dir:	16-SEP-15 SPECIFIC CONDUCTANCE 0.	Finding: Report units:	900. US
Sample date: Chemical: Dir:	16-SEP-15 PH, LABORATORY 0.	Finding: Report units:	7.41 Not Reported
Sample date: Chemical: Dir:	16-SEP-15 ALKALINITY (TOTAL) AS CaCO3 0.	Finding: Report units:	160. MG/L
Sample date: Chemical: Dir:	16-SEP-15 BICARBONATE ALKALINITY 0.	Finding: Report units:	190. MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	16-SEP-15	Finding:	3.8
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	16-SEP-15	Finding:	260.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	79.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	17.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	77.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	4.5
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	120.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	16-SEP-15	Finding:	150.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	16-SEP-15	Finding:	0.26
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	16-SEP-15	Finding:	2.8
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	19-MAY-15	Finding:	0.87
Chemical:	URANIUM MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	0.687
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	1.3
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	19-MAY-15	Finding:	0.57
Chemical:	URANIUM COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	19-MAY-15	Finding:	1.2
Chemical:	1,4-DIOXANE	Report units:	UG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	1.		
Sample date:	19-MAY-15	Finding:	0.363
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY	903.0	
Report units:	PCI/L	Dir:	0.
Sample date:	19-MAY-15	Finding:	7.4e-002
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dir:	0.		

**E20
NNW
1/2 - 1 Mile
Higher**

CA WELLS 2773

Seq:	2773	Prim sta c:	02S/11W-19M04 S
Frds no:	1910218002	County:	19
District:	07	User id:	4TH
System no:	1910218	Water type:	G
Source nam:	WELL 02	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1180500.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910218	System nam:	LA HABRA HEIGHTS CWD
Hqname:	Not Reported	Address:	PO BOX 628
City:	LA HABRA	State:	Not Reported
Zip:	90631	Zip ext:	Not Reported
Pop serv:	6500	Connection:	1848
Area serve:	LA HABRA HEIGHTS		

**E21
NNW
1/2 - 1 Mile
Higher**

CA WELLS 2824

Seq:	2824	Prim sta c:	02S/12W-13L05 S
Frds no:	1910125009	County:	19
District:	07	User id:	4TH
System no:	1910125	Water type:	G
Source nam:	WELL 08	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1180500.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910125	System nam:	PICO WD
Hqname:	Not Reported	Address:	4843 S CHURCH ST
City:	PICO RIVERA	State:	Not Reported
Zip:	90660	Zip ext:	Not Reported
Pop serv:	24000	Connection:	5211
Area serve:	PICO RIVERA		
Sample date:	24-AUG-17	Finding:	2.2
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.4		
Sample date:	24-AUG-17	Finding:	400.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-17	Finding:	0.28
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	24-AUG-17	Finding:	79.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	24-AUG-17	Finding:	70.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-17	Finding:	4.
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-17	Finding:	48.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-17	Finding:	11.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-17	Finding:	58.4
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-17	Finding:	193.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-17	Finding:	2.1
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	24-AUG-17	Finding:	170.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-17	Finding:	140.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	24-AUG-17	Finding:	7.48
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	24-AUG-17	Finding:	670.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	24-AUG-17	Finding:	21.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	24-AUG-17	Finding:	0.464
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	08-MAY-17	Finding:	1.1
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	10-AUG-16	Finding:	2.4
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	09-MAY-16	Finding:	0.273
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	09-MAY-16	Finding:	0.253
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	09-MAY-16	Finding:	0.47
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	09-MAY-16	Finding:	0.514
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	18-MAR-15	Finding:	0.2
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	18-MAR-15	Finding:	1.e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	22-AUG-14	Finding:	0.32
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	22-AUG-14	Finding:	92.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	22-AUG-14	Finding:	67.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-14	Finding:	4.6
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-14	Finding:	58.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-14	Finding:	15.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-14	Finding:	500.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	22-AUG-14	Finding:	1.23
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	22-AUG-14	Finding:	9.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-AUG-14	Finding:	78.7
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-14	Finding:	2100.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	22-AUG-14	Finding:	750.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	22-AUG-14	Finding:	8.01
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	22-AUG-14	Finding:	260.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-14	Finding:	230.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	22-AUG-14	Finding:	190.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	15-AUG-13	Finding:	9.4
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	17-AUG-12	Finding:	8.5
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	13-MAR-12	Finding:	1.6e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	13-MAR-12	Finding:	0.501
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	13-MAR-12	Finding:	8.78
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dir:	3.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

22
NNE
1/2 - 1 Mile
Higher

FED USGS USGS40000139544

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S011W19F003S	Type:	Well
Description:	Not Reported	HUC:	18070105
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	611
Well Depth Units:	ft	Well Hole Depth:	633
Well Hole Depth Units:	ft		

23
NNE
1/2 - 1 Mile
Higher

FED USGS USGS40000139558

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S011W19F002S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	280
Well Depth Units:	ft	Well Hole Depth:	300
Well Hole Depth Units:	ft		

24
ESE
1/2 - 1 Mile
Lower

FED USGS USGS40000139382

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S011W29E005S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	70
Well Depth Units:	ft	Well Hole Depth:	70
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F25
NE
1/2 - 1 Mile
Higher

CA WELLS 2768

Seq:	2768	Prim sta c:	02S/11W-19F03 S
Frds no:	1910218004	County:	19
District:	07	User id:	4TH
System no:	1910218	Water type:	G
Source nam:	WELL 05	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1180400.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910218	System nam:	LA HABRA HEIGHTS CWD
Hqname:	Not Reported	Address:	PO BOX 628
City:	LA HABRA	State:	Not Reported
Zip:	90631	Zip ext:	Not Reported
Pop serv:	6500	Connection:	1848
Area serve:	LA HABRA HEIGHTS		

F26
NE
1/2 - 1 Mile
Higher

CA WELLS 2767

Seq:	2767	Prim sta c:	02S/11W-19F02 S
Frds no:	1910039043	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL W06B LACFCD 1621SS - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1180400.0
Precision:	8	Status:	IR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910039	System nam:	SAN GABRIEL VALLEY WATER CO.-EL MONTE
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

F27
NE
1/2 - 1 Mile
Higher

CA WELLS 2766

Seq:	2766	Prim sta c:	02S/11W-19F01 S
Frds no:	1910218005	County:	19
District:	07	User id:	4TH
System no:	1910218	Water type:	G
Source nam:	WELL 08	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude:	335900.0	Longitude:	1180400.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910218	System nam:	LA HABRA HEIGHTS CWD
Hqname:	Not Reported	Address:	PO BOX 628
City:	LA HABRA	State:	Not Reported
Zip:	90631	Zip ext:	Not Reported
Pop serv:	6500	Connection:	1848
Area serve:	LA HABRA HEIGHTS		
Sample date:	19-JUL-17	Finding:	0.21
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	19-JUL-17	Finding:	2.3
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	19-JUL-17	Finding:	3.6
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	18-OCT-16	Finding:	0.123
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	18-OCT-16	Finding:	5.1e-002
Chemical:	RADIUM 226	Report units:	PCI/L
Dir:	1.		
Sample date:	18-OCT-16	Finding:	4.e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	18-OCT-16	Finding:	0.974
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	18-OCT-16	Finding:	2.1
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	18-OCT-16	Finding:	0.506
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	18-OCT-16	Finding:	0.363
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	18-OCT-16	Finding:	0.207
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	13-JUL-16	Finding:	12.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	13-JUL-16	Finding:	610.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	13-JUL-16	Finding:	3.8
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	13-JUL-16	Finding:	150.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	13-JUL-16	Finding:	100.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	13-JUL-16	Finding:	4.9
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-JUL-16	Finding:	71.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-JUL-16	Finding:	20.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-JUL-16	Finding:	100.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-JUL-16	Finding:	340.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	13-JUL-16	Finding:	2.7
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-JUL-16	Finding:	220.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	13-JUL-16	Finding:	180.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	13-JUL-16	Finding:	7.7
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	13-JUL-16	Finding:	990.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	28-JUL-15	Finding:	3.7
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	28-JUL-15	Finding:	0.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.1		
Sample date:	28-JUL-15	Finding:	9.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	22-JUL-14	Finding:	3.6
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	22-JUL-14	Finding:	0.14
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	02-DEC-13	Finding:	19.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	02-DEC-13	Finding:	2.3
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	02-DEC-13	Finding:	1.58
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	02-DEC-13	Finding:	0.592
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	02-DEC-13	Finding:	1.64
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	02-DEC-13	Finding:	0.2
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	02-DEC-13	Finding:	2.5e-002
Chemical:	RA-226 FOR CWS OR TOTAL RA FOR NTNC BY 903.0	Dir:	0.
Report units:	PCI/L		
Sample date:	02-DEC-13	Finding:	0.131
Chemical:	RA-226 OR TOTAL RA BY 903.0 C.E.	Report units:	PCI/L
Dir:	0.		
Sample date:	02-DEC-13	Finding:	0.322
Chemical:	RADIUM, TOTAL, MDA95-NTNC ONLY, BY 903.0	Dir:	0.
Report units:	PCI/L		
Sample date:	28-OCT-13	Finding:	20.
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	16-JUL-13	Finding:	9.
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	16-JUL-13	Finding:	660.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	16-JUL-13	Finding:	3.7
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	16-JUL-13	Finding:	0.22
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	16-JUL-13	Finding:	150.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	16-JUL-13	Finding:	110.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	4.5
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	65.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	19.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	100.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	340.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	16-JUL-13	Finding:	8.05
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	16-JUL-13	Finding:	7.2
Chemical:	PH, FIELD	Report units:	Not Reported
Dir:	0.		
Sample date:	16-JUL-13	Finding:	920.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	16-JUL-13	Finding:	23.2
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	16-JUL-13	Finding:	2000.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.4		
Sample date:	16-JUL-13	Finding:	13.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	25-APR-13	Finding:	19.8
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	25-MAR-13	Finding:	19.5
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	28-FEB-13	Finding:	21.3
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	13-AUG-12	Finding:	0.14
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	13-AUG-12	Finding:	7.9
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	13-AUG-12	Finding:	610.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	13-AUG-12	Finding:	61.
Chemical:	MANGANESE	Report units:	UG/L
Dir:	20.		
Sample date:	13-AUG-12	Finding:	3.3
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	13-AUG-12	Finding:	0.23
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	13-AUG-12	Finding:	140.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	13-AUG-12	Finding:	98.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	13-AUG-12	Finding:	4.4
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-AUG-12	Finding:	61.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-AUG-12	Finding:	18.
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	13-AUG-12	Finding:	95.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	13-AUG-12	Finding:	310.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	13-AUG-12	Finding:	200.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	13-AUG-12	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	13-AUG-12	Finding:	7.49
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	13-AUG-12	Finding:	320.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	13-AUG-12	Finding:	22.9
Chemical:	SOURCE TEMPERATURE C	Report units:	C
Dir:	0.		
Sample date:	13-AUG-12	Finding:	1800.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	13-AUG-12	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		

**F28
NE
1/2 - 1 Mile
Higher**

CA WELLS 2771

Seq:	2771	Prim sta c:	02S/11W-19L01 S
Frds no:	1910218003	County:	19
District:	07	User id:	4TH
System no:	1910218	Water type:	G
Source nam:	WELL 03 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1180400.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910218	System nam:	LA HABRA HEIGHTS CWD
Hqname:	Not Reported	Address:	PO BOX 628
City:	LA HABRA	State:	Not Reported
Zip:	90631	Zip ext:	Not Reported
Pop serv:	6500	Connection:	1848
Area serve:	LA HABRA HEIGHTS		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F29
NE
1/2 - 1 Mile
Higher

CA WELLS 2770

Seq:	2770	Prim sta c:	02S/11W-19F07 S
Frds no:	1910039044	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL W06C	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1180400.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910039	System nam:	SAN GABRIEL VALLEY WATER CO.-EL MONTE
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

Sample date:	22-JAN-18	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dir:	1.		

Sample date:	16-JAN-18	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dir:	1.		

Sample date:	14-DEC-17	Finding:	0.72
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		

Sample date:	14-SEP-17	Finding:	0.76
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		

Sample date:	03-JUL-17	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dir:	1.		

Sample date:	22-JUN-17	Finding:	0.363
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dir:	0.		

Sample date:	22-JUN-17	Finding:	0.487
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

Sample date:	22-JUN-17	Finding:	0.129
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		

Sample date:	22-JUN-17	Finding:	0.4
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	15-JUN-17	Finding:	3.4e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	15-JUN-17	Finding:	0.19
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	15-JUN-17	Finding:	5.7
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	09-MAR-17	Finding:	0.69
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	30-NOV-16	Finding:	0.69
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	21-OCT-16	Finding:	15.3
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	3.6
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	21-OCT-16	Finding:	11.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	21-OCT-16	Finding:	930.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	21-OCT-16	Finding:	7.47
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	21-OCT-16	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	3.6
Chemical:	NITRATE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	21-OCT-16	Finding:	230.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	67.8
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	76.
Chemical:	SODIUM	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	21-OCT-16	Finding:	4.4
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	110.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	120.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	21-OCT-16	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	21-OCT-16	Finding:	2.4
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	21-OCT-16	Finding:	570.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	0.564
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	21-OCT-16	Finding:	0.39
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	31-AUG-16	Finding:	0.74
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-MAY-16	Finding:	0.74
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	25-FEB-16	Finding:	0.64
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	17-NOV-15	Finding:	0.68
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-JUL-15	Finding:	0.78
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	11-MAY-15	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dir:	1.		
Sample date:	27-APR-15	Finding:	510.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	20-APR-15	Finding:	560.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	16-APR-15	Finding:	0.9
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	13-APR-15	Finding:	540.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	06-APR-15	Finding:	540.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	30-MAR-15	Finding:	560.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	19-MAR-15	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dir:	1.		
Sample date:	19-MAR-15	Finding:	560.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	08-JAN-15	Finding:	0.82
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-OCT-14	Finding:	0.88
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	23-JUL-14	Finding:	0.75
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-APR-14	Finding:	0.73
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	22-APR-14	Finding:	0.63
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	30-JAN-14	Finding:	0.71
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	30-OCT-13	Finding:	17.2
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	11.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	30-OCT-13	Finding:	0.18
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.1		
Sample date:	30-OCT-13	Finding:	930.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	30-OCT-13	Finding:	7.4
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	30-OCT-13	Finding:	170.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	210.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	0.59
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	30-OCT-13	Finding:	280.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	83.3
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	2900.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	30-OCT-13	Finding:	82.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	4.7
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	110.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	130.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	30-OCT-13	Finding:	0.36
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	30-OCT-13	Finding:	2.3
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	30-OCT-13	Finding:	570.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	30-OCT-13	Finding:	0.583
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	17-JUL-13	Finding:	0.5
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	10-JUN-13	Finding:	0.6
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	18-JAN-13	Finding:	0.59
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	18-OCT-12	Finding:	0.79
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	10-AUG-12	Finding:	0.81
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	08-MAY-12	Finding:	0.78
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-JAN-12	Finding:	1.1
Chemical:	1,4-DIOXANE	Report units:	UG/L
Dir:	1.		
Sample date:	24-JAN-12	Finding:	0.73
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		

**F30
NE
1/2 - 1 Mile
Higher**

CA WELLS 2769

Seq:	2769	Prim sta c:	02S/11W-19F06 S
Frds no:	1910039042	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL W06A - ABANDONED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1180400.0
Precision:	8	Status:	AB
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910039	System nam:	SAN GABRIEL VALLEY WATER CO.-EL MONTE
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

F31
NE
1/2 - 1 Mile
Higher

CA WELLS 2764

Seq:	2764	Prim sta c:	02S/11W-18Q05 S
Frds no:	1910039037	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL W01A LACFCD 1620BB - ABANDONED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1180400.0
Precision:	8	Status:	AB
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910039	System nam:	SAN GABRIEL VALLEY WATER CO.-EL MONTE
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

F32
NE
1/2 - 1 Mile
Higher

CA WELLS 2761

Seq:	2761	Prim sta c:	02S/11W-18K03 S
Frds no:	1910173001	County:	19
District:	07	User id:	4TH
System no:	1910173	Water type:	G
Source nam:	WELL 05 - INACTIVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1180400.0
Precision:	8	Status:	IR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910173	System nam:	WHITTIER-CITY, WATER DEPT.
Hqname:	Not Reported	Address:	13230 EAST PENN STREET
City:	WHITTIER	State:	CA
Zip:	90602	Zip ext:	Not Reported
Pop serv:	47000	Connection:	11500
Area serve:	WHITTIER		

F33
NE
1/2 - 1 Mile
Higher

CA WELLS 2762

Seq:	2762	Prim sta c:	02S/11W-18Q01 S
Frds no:	1910039038	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL W01C LACFCD 1620GG	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Latitude:	335900.0	Longitude:	1180400.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1910039	System nam:	SAN GABRIEL VALLEY WATER CO.-EL MONTE
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		
Sample date:	14-DEC-17	Finding:	0.96
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	14-SEP-17	Finding:	0.95
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	22-JUN-17	Finding:	0.437
Chemical:	RADIUM 228 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	22-JUN-17	Finding:	0.129
Chemical:	RADIUM 226 COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	22-JUN-17	Finding:	0.363
Chemical:	RADIUM 226 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	22-JUN-17	Finding:	0.384
Chemical:	RADIUM 228 MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	15-JUN-17	Finding:	0.125
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dir:	0.		
Sample date:	15-JUN-17	Finding:	3.4e-002
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dir:	0.		
Sample date:	15-JUN-17	Finding:	6.9
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	15-JUN-17	Finding:	3.1
Chemical:	URANIUM (PCI/L)	Report units:	PCI/L
Dir:	1.		
Sample date:	09-MAR-17	Finding:	0.89
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	30-NOV-16	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	21-OCT-16	Finding:	2.1
Chemical:	ARSENIC	Report units:	UG/L
Dir:	2.		
Sample date:	21-OCT-16	Finding:	39.
Chemical:	MANGANESE	Report units:	UG/L
Dir:	20.		
Sample date:	21-OCT-16	Finding:	820.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	0.962
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	21-OCT-16	Finding:	0.67
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	21-OCT-16	Finding:	12.4
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	21-OCT-16	Finding:	2.7
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	21-OCT-16	Finding:	0.3
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	21-OCT-16	Finding:	260.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	21-OCT-16	Finding:	110.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	5.4
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	93.
Chemical:	SODIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	26.6
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	106.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	380.
Chemical:	HARDNESS (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	2.7
Chemical:	NITRATE (AS N)	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.4		
Sample date:	21-OCT-16	Finding:	300.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	240.
Chemical:	ALKALINITY (TOTAL) AS CaCO3	Report units:	MG/L
Dir:	0.		
Sample date:	21-OCT-16	Finding:	7.57
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	21-OCT-16	Finding:	1300.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	31-AUG-16	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-MAY-16	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	25-FEB-16	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	17-NOV-15	Finding:	1.
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-JUL-15	Finding:	1.2
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	16-APR-15	Finding:	1.3
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	08-JAN-15	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-OCT-14	Finding:	1.2
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	26-AUG-14	Finding:	8.1
Chemical:	TOTAL TRIHALOMETHANES	Report units:	UG/L
Dir:	0.		
Sample date:	26-AUG-14	Finding:	3.
Chemical:	DIBROMOCHLOROMETHANE (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	26-AUG-14	Finding:	2.7
Chemical:	BROMOFORM (THM)	Report units:	UG/L
Dir:	1.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	26-AUG-14	Finding:	1.4
Chemical:	BROMODICHLOROMETHANE (THM)	Report units:	UG/L
Dir:	1.		
Sample date:	23-JUL-14	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	24-APR-14	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	22-APR-14	Finding:	0.98
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	30-JAN-14	Finding:	0.92
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	30-OCT-13	Finding:	0.37
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dir:	0.1		
Sample date:	30-OCT-13	Finding:	24.
Chemical:	MANGANESE	Report units:	UG/L
Dir:	20.		
Sample date:	30-OCT-13	Finding:	720.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	0.513
Chemical:	LANGELIER INDEX @ 60 C	Report units:	Not Reported
Dir:	0.		
Sample date:	30-OCT-13	Finding:	9.7
Chemical:	NITRATE (AS NO3)	Report units:	MG/L
Dir:	2.		
Sample date:	30-OCT-13	Finding:	0.12
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dir:	0.1		
Sample date:	30-OCT-13	Finding:	11.9
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dir:	0.		
Sample date:	30-OCT-13	Finding:	2200.
Chemical:	NITRATE + NITRITE (AS N)	Report units:	MG/L
Dir:	0.4		
Sample date:	30-OCT-13	Finding:	110.
Chemical:	CHLORIDE	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	5.3
Chemical:	POTASSIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	93.
Chemical:	SODIUM	Report units:	MG/L

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Dir:	0.		
Sample date:	30-OCT-13	Finding:	24.5
Chemical:	MAGNESIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	104.
Chemical:	CALCIUM	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	360.
Chemical:	HARDNESS (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	0.89
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	30-OCT-13	Finding:	260.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	210.
Chemical:	ALKALINITY (TOTAL) AS CaCO ₃	Report units:	MG/L
Dir:	0.		
Sample date:	30-OCT-13	Finding:	7.17
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dir:	0.		
Sample date:	30-OCT-13	Finding:	1100.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dir:	0.		
Sample date:	30-OCT-13	Finding:	200.
Chemical:	SULFATE	Report units:	MG/L
Dir:	0.5		
Sample date:	17-JUL-13	Finding:	0.78
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	10-JUN-13	Finding:	0.95
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	18-JAN-13	Finding:	0.99
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	18-OCT-12	Finding:	1.2
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		
Sample date:	23-AUG-12	Finding:	8.9
Chemical:	NITRATE (AS NO ₃)	Report units:	MG/L
Dir:	2.		
Sample date:	10-AUG-12	Finding:	1.4
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sample date:	08-MAY-12	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		

Sample date:	24-JAN-12	Finding:	1.1
Chemical:	TOTAL ORGANIC CARBON (TOC)	Report units:	MG/L
Dir:	0.3		

**F34
NE
1/2 - 1 Mile
Higher**

CA WELLS 2763

Seq:	2763	Prim sta c:	02S/11W-18Q02 S
Frds no:	1910039039	County:	19
District:	15	User id:	MET
System no:	1910039	Water type:	G
Source nam:	WELL W01D - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335900.0	Longitude:	1180400.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1910039	System nam:	SAN GABRIEL VALLEY WATER CO.-EL MONTE
Hqname:	SAN GABRIEL VALLEY WATER CO	Address:	P O BOX 6010
City:	EL MONTE	State:	CA
Zip:	91734	Zip ext:	Not Reported
Pop serv:	151064	Connection:	43161
Area serve:	EL MONTE/SAN GABRIEL BASIN		

**35
SW
1/2 - 1 Mile
Lower**

FED USGS USGS40000139314

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W25Q005S	Type:	Well
Description:	Not Reported	HUC:	18070106
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	518
Well Depth Units:	ft	Well Hole Depth:	518
Well Hole Depth Units:	ft		

**36
WSW
1/2 - 1 Mile
Lower**

FED USGS USGS40000139376

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	002S012W25E013S	Type:	Well
Description:	Not Reported	HUC:	18070106

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	California Coastal Basin aquifers		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	470
Well Depth Units:	ft	Well Hole Depth:	500
Well Hole Depth Units:	ft		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance

Database EDR ID Number

1

NNE

1/4 - 1/2 Mile

OIL_GAS

CAOG11000204728

Districtnu:	1	Apinumber:	03705525
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	R. W. Jackson	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	19	Township:	02S
Range:	11W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Florey Comm.	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000204728		

2

NE

1/2 - 1 Mile

OIL_GAS

CAOG11000205038

Districtnu:	1	Apinumber:	03705963
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	19	Township:	02S
Range:	11W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Culp Community	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000205038		

3

SSE

1/2 - 1 Mile

OIL_GAS

CAOG11000204592

Districtnu:	1	Apinumber:	03705312
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Conoco Inc.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	31	Township:	02S
Range:	11W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Felix	Wellnumber:	1

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000204592		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90606	5	0

Federal EPA Radon Zone for LOS ANGELES County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level \geq 2 pCi/L and \leq 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 90606

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.500 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

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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APENDIX B

Project Site Reconnaissance Photographic Log



(Photo 1) Northwest corner of property – View west across Pioneer Boulevard / I-605 Freeway



(Photo 4) North end of property – View south across parking lot / High school buildings in distance



(Photo 2) North boundary – View north across Washington Boulevard / Residences



(Photo 5) Eastern boundary – View southeast along Danby Avenue and Residences



(Photo 3) Northern boundary – View east along Washington Boulevard / Danby Avenue and Residences along eastern boundary



(Photo 6) Southern boundary – View west toward Pioneer Boulevard and strip mall



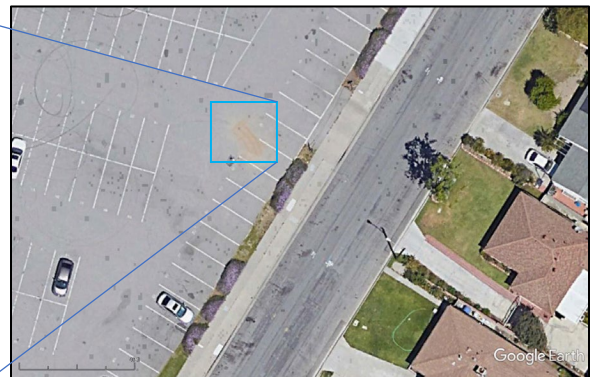
(Photo 7) Southern boundary – View west across Danby Avenue and residences



(Photo 8) Western boundary – View south along Pioneer Boulevard



(Photo 9) “Sink-hole” in parking area along eastern boundary, approximately 135 feet south of the northeast corner of the property. Backfilled with soil from unknown source. Cause and volume unknown.



Location of backfilled area at Project site
Source: Google Earth image (March 2018)

APPENDIX C

Historic Aerial Photographs



Whittier Aquatics Center

10800 Ben Avon Street

Whittier, CA 90606

Inquiry Number: 5508191.11

December 11, 2018

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

12/11/18

Site Name:

Whittier Aquatics Center
10800 Ben Avon Street
Whittier, CA 90606
EDR Inquiry # 5508191.11

Client Name:

Hana Resources
20361 Hermana Circle
Lake Forest, CA 92630
Contact: Dale Schneeberger



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2005	1"=500'	Flight Year: 2005	USDA/NAIP
2002	1"=500'	Flight Date: June 11, 2002	USDA
1994	1"=500'	Acquisition Date: May 31, 1994	USGS/DOQQ
1989	1"=500'	Flight Date: August 22, 1989	USDA
1981	1"=500'	Flight Date: February 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
1963	1"=500'	Flight Date: February 28, 1963	USGS
1953	1"=500'	Flight Date: October 19, 1953	USDA
1947	1"=500'	Flight Date: June 22, 1947	FAIR
1938	1"=500'	Flight Date: May 22, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR

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INQUIRY #: 5508191.11

YEAR: 2012

— = 500'





INQUIRY #: 5508191.11

YEAR: 2009

— = 500'





INQUIRY #: 5508191.11

YEAR: 2005

— = 500'





INQUIRY #: 5508191.11

YEAR: 2002

— = 500'





INQUIRY #: 5508191.11

YEAR: 1994

— = 500'





INQUIRY #: 5508191.11

YEAR: 1989

— = 500'





INQUIRY #: 5508191.11

YEAR: 1981

— = 500'





INQUIRY #: 5508191.11

YEAR: 1979

— = 500'





INQUIRY #: 5508191.11

YEAR: 1977

— = 500'





INQUIRY #: 5508191.11

YEAR: 1963

— = 500'





INQUIRY #: 5508191.11

YEAR: 1953

— = 500'





INQUIRY #: 5508191.11

YEAR: 1947

— = 500'





INQUIRY #: 5508191.11

YEAR: 1938

— = 500'





INQUIRY #: 5508191.11


YEAR: 1928

— = 500'



APPENDIX D

Historic Topographic Maps



Whittier Aquatics Center

10800 Ben Avon Street

Whittier, CA 90606

Inquiry Number: 5508191.4

December 10, 2018

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

12/10/18

Site Name:

Whittier Aquatics Center
10800 Ben Avon Street
Whittier, CA 90606
EDR Inquiry # 5508191.4

Client Name:

Hana Resources
20361 Hermana Circle
Lake Forest, CA 92630
Contact: Dale Schneeberger



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Hana Resources 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. EDR's 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:**Coordinates:**

P.O.#	7010-01-01	Latitude:	33.973037 33° 58' 23" North
Project:	Whittier Aquatics Center	Longitude:	-118.078652 -118° 4' 43" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	400355.14
		UTM Y Meters:	3759690.55
		Elevation:	160.00' above sea level

Maps Provided:

2012	1942
1981	1925
1972	1923
1965	1902
1951	1899
1949	1896
1947	
1943	

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Topo Sheet Key

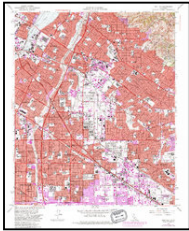
This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets



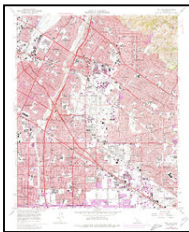
Whittier
2012
7.5-minute, 24000

1981 Source Sheets



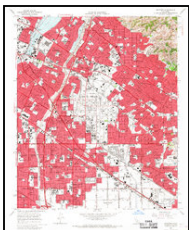
Whittier
1981
7.5-minute, 24000
Aerial Photo Revised 1978

1972 Source Sheets



Whittier
1972
7.5-minute, 24000
Aerial Photo Revised 1972

1965 Source Sheets

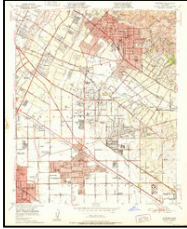


Whittier
1965
7.5-minute, 24000
Aerial Photo Revised 1963

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1951 Source Sheets



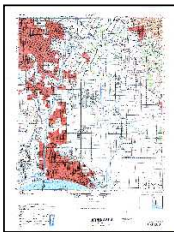
Whittier
1951
7.5-minute, 24000
Aerial Photo Revised 1947

1949 Source Sheets



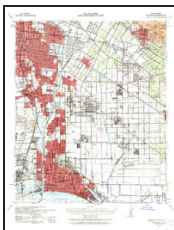
Whittier
1949
7.5-minute, 24000
Aerial Photo Revised 1947

1947 Source Sheets



DOWNEY
1947
15-minute, 50000

1943 Source Sheets

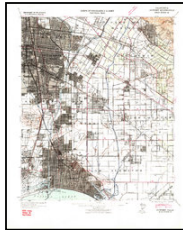


Downey
1943
15-minute, 62500
Aerial Photo Revised 1939

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1942 Source Sheets

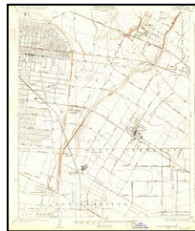


Downey
1942
15-minute, 62500

1925 Source Sheets



Whittier
1925
7.5-minute, 24000

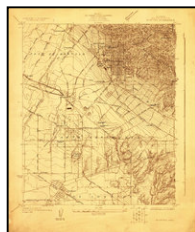


Bell
1925
7.5-minute, 24000

1923 Source Sheets

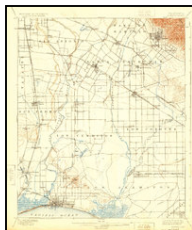


Bell
1923
7.5-minute, 24000



Whittier
1923
7.5-minute, 24000

1902 Source Sheets

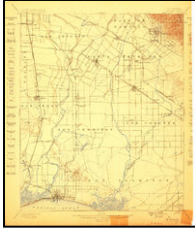


Downey
1902
15-minute, 62500

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1899 Source Sheets

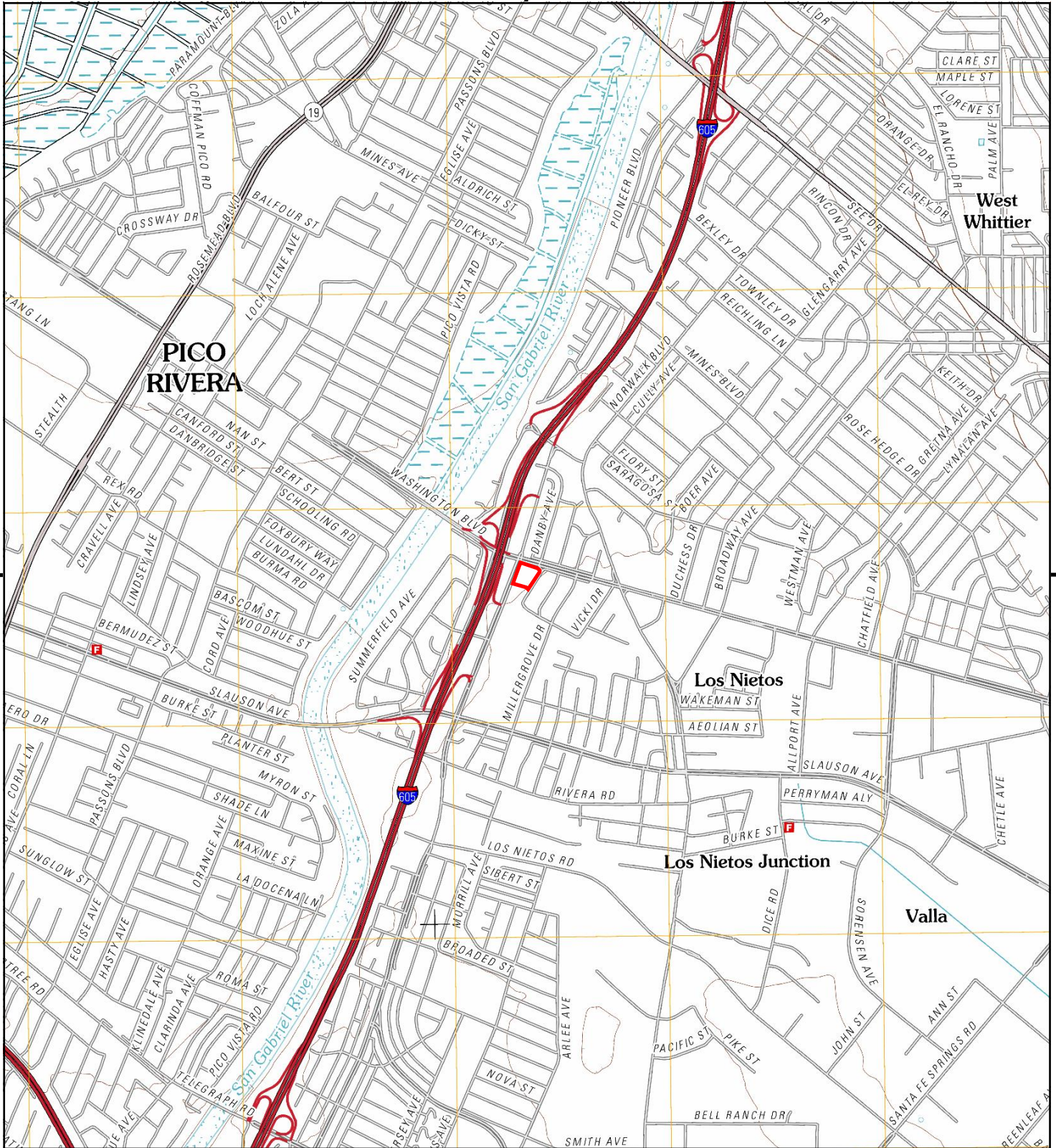


Downey
1899
15-minute, 62500

1896 Source Sheets



Downey
1896
15-minute, 62500



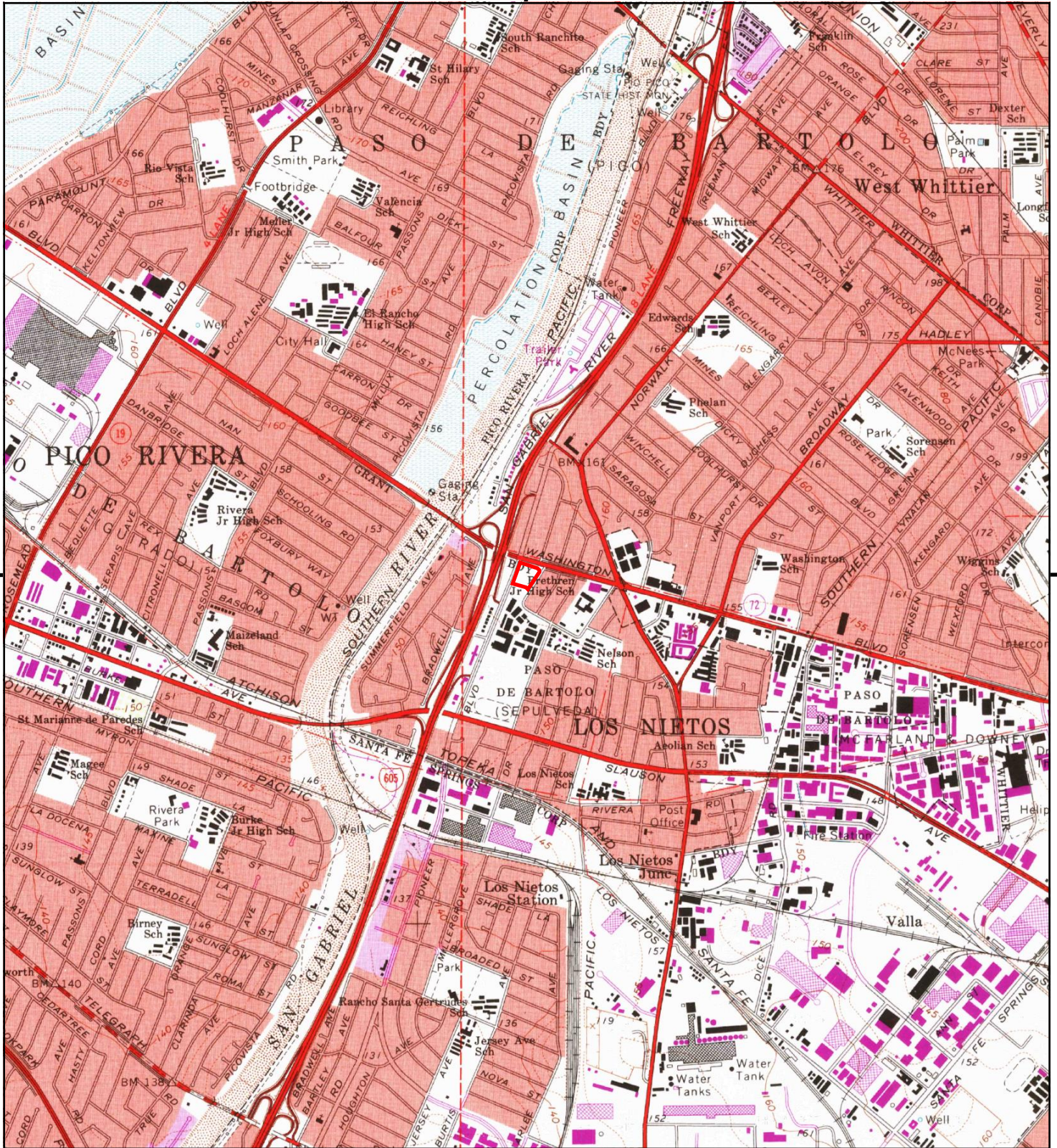
This report includes information from the following map sheet(s).



TP, Whittier, 2012, 7.5-minute

SITE NAME: Whittier Aquatics Center
ADDRESS: 10800 Ben Avon Street
 Whittier, CA 90606
CLIENT: Hana Resources





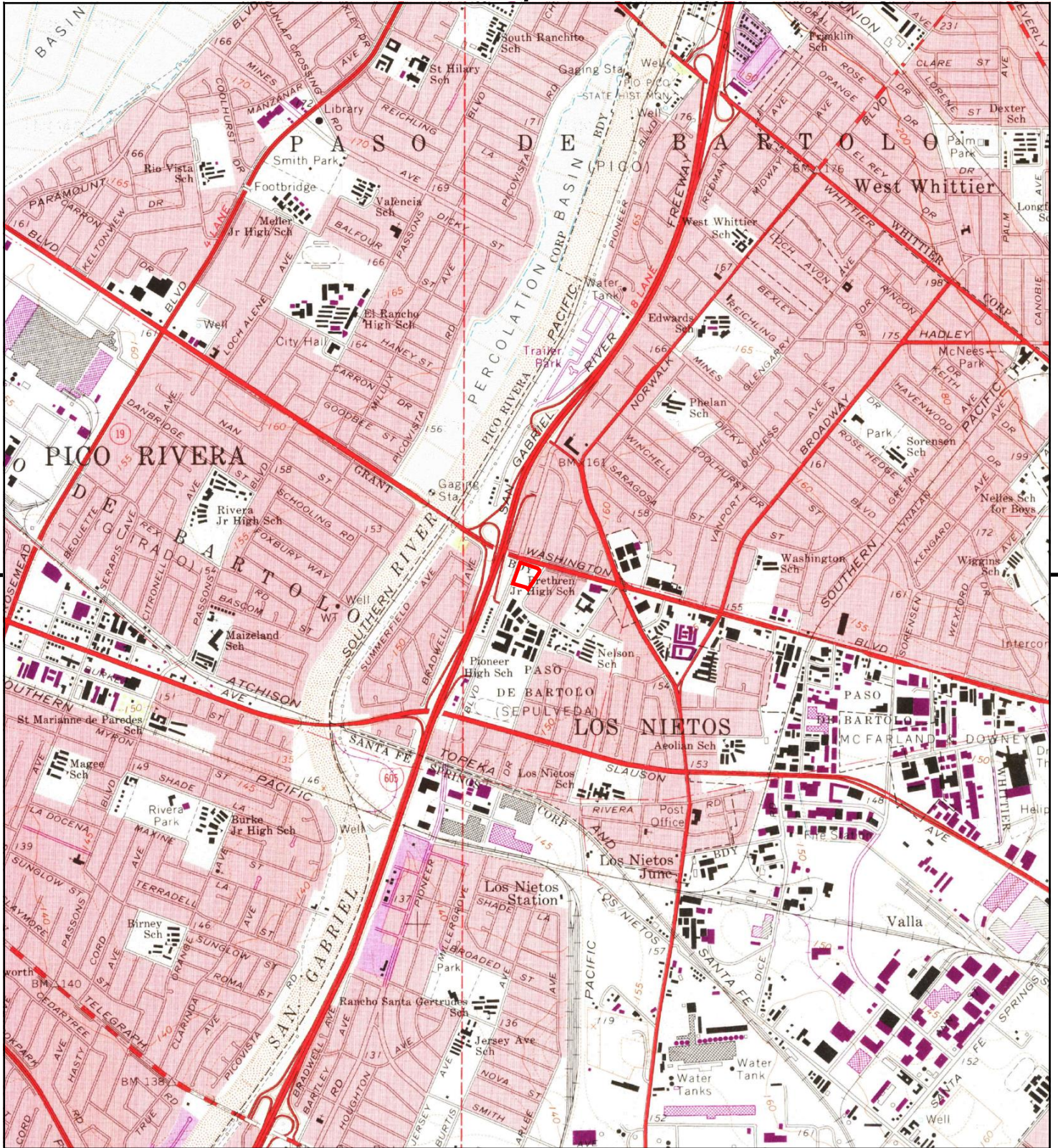
This report includes information from the following map sheet(s).



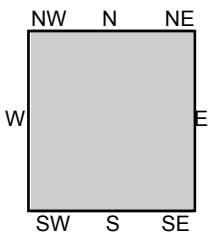
TP, Whittier, 1981, 7.5-minute

SITE NAME: Whittier Aquatics Center
 ADDRESS: 10800 Ben Avon Street
 Whittier, CA 90606
 CLIENT: Hana Resources





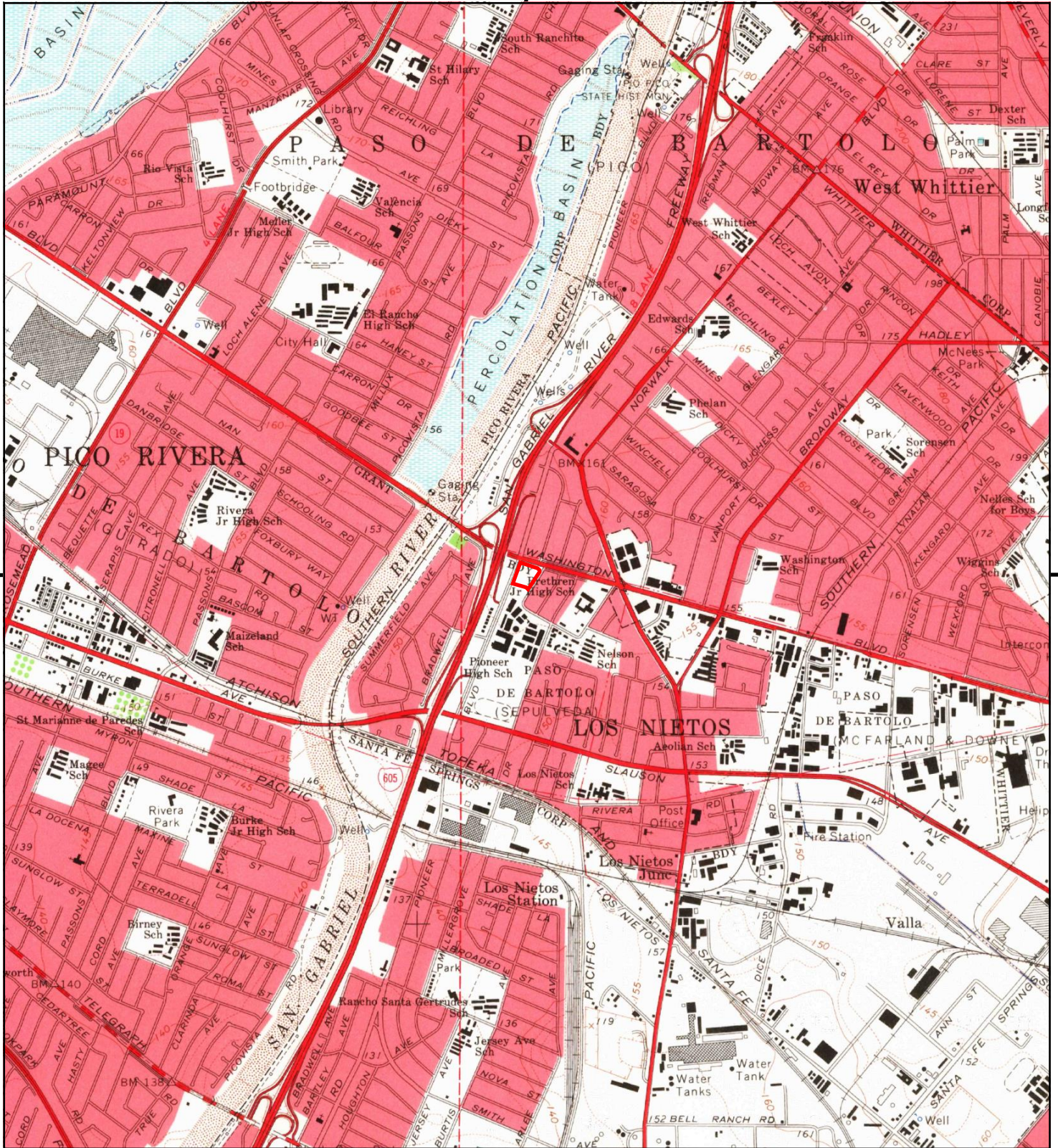
This report includes information from the following map sheet(s).



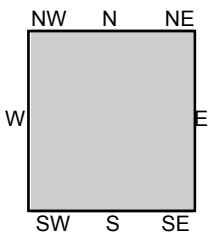
TP, Whittier, 1972, 7.5-minute

SITE NAME: Whittier Aquatics Center
ADDRESS: 10800 Ben Avon Street
 Whittier, CA 90606
CLIENT: Hana Resources





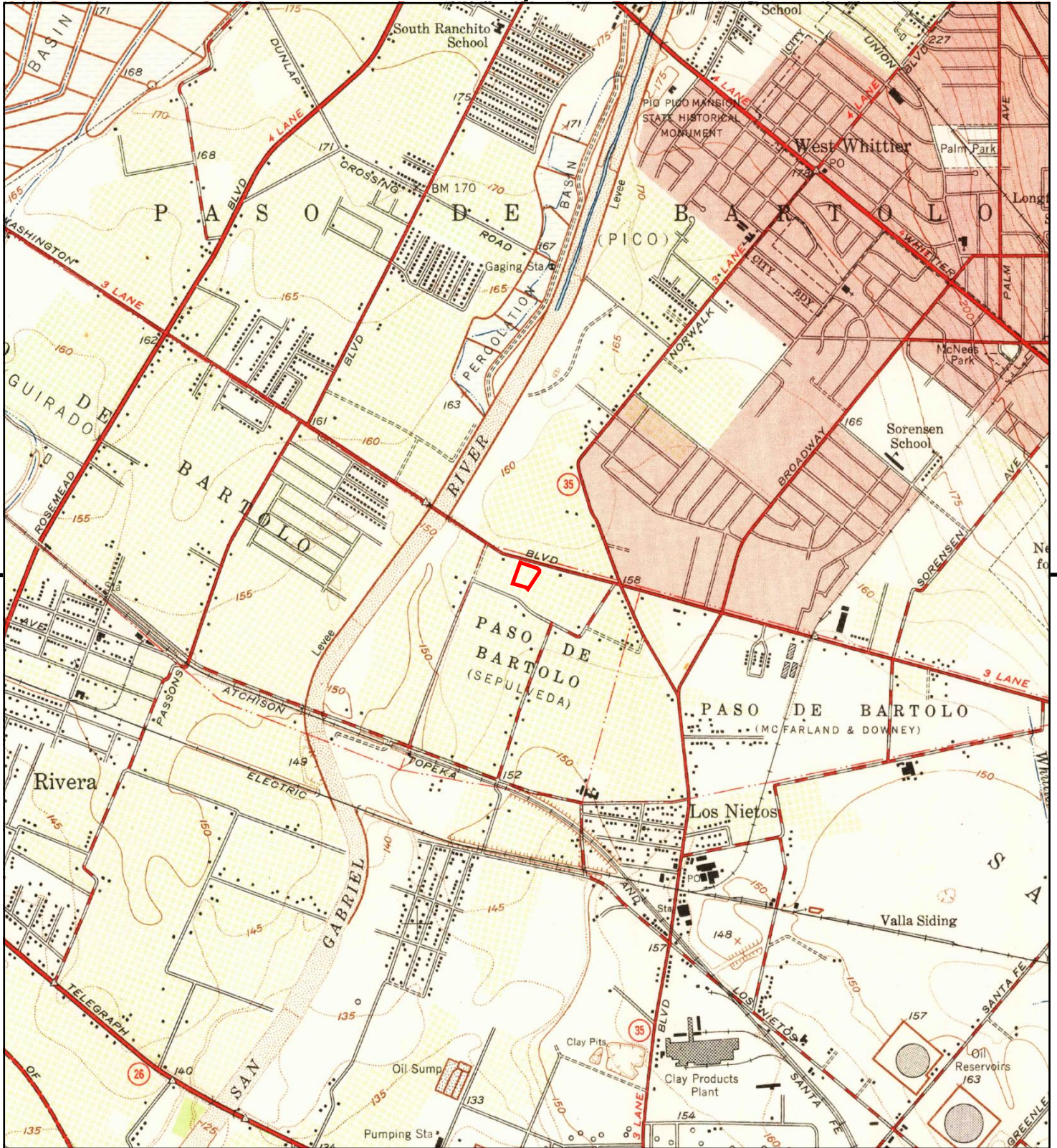
This report includes information from the following map sheet(s).



TP, Whittier, 1965, 7.5-minute

SITE NAME: Whittier Aquatics Center
ADDRESS: 10800 Ben Avon Street
 Whittier, CA 90606
CLIENT: Hana Resources





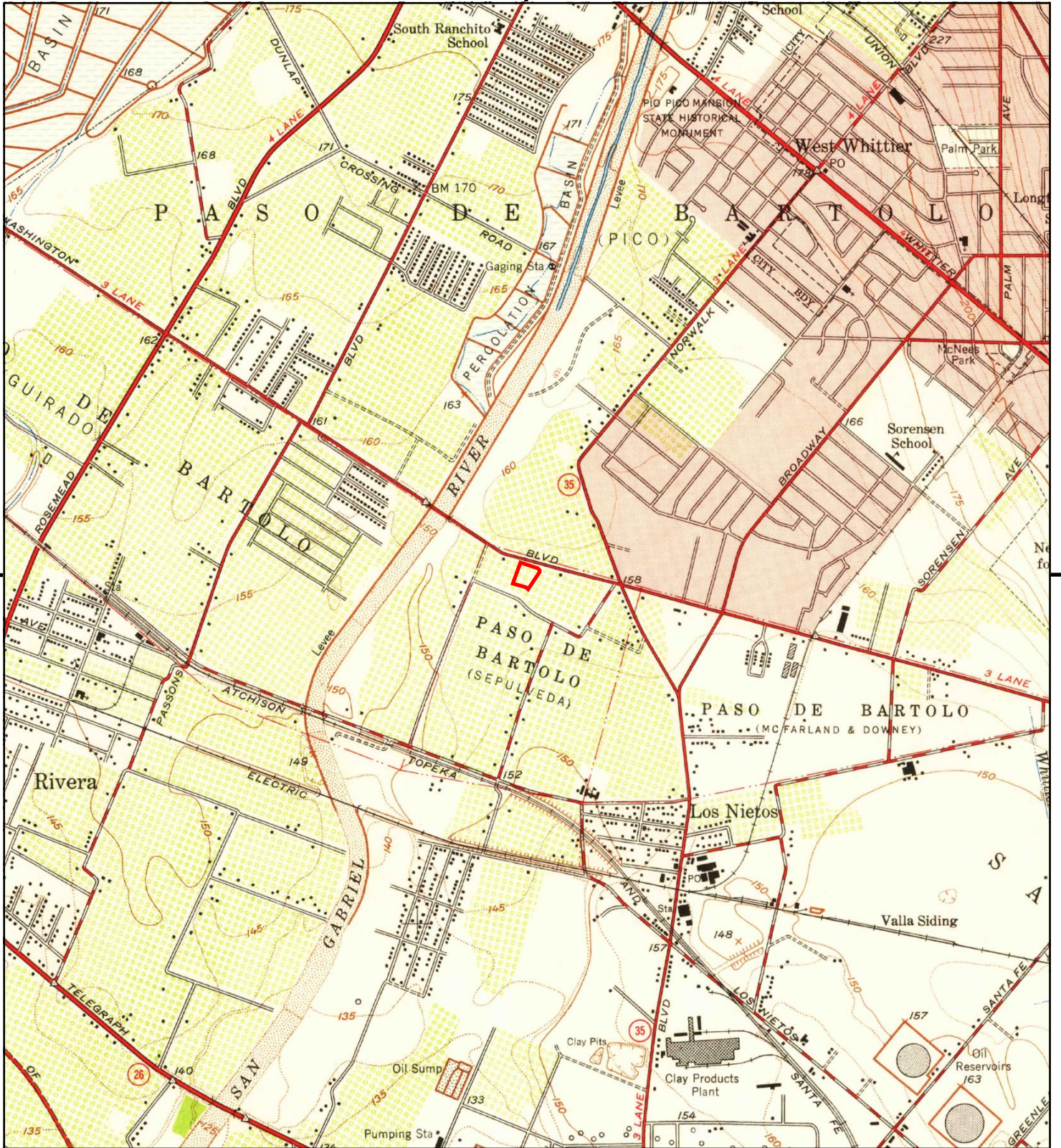
This report includes information from the following map sheet(s).



TP, Whittier, 1951, 7.5-minute

SITE NAME: Whittier Aquatics Center
ADDRESS: 10800 Ben Avon Street
 Whittier, CA 90606
CLIENT: Hana Resources





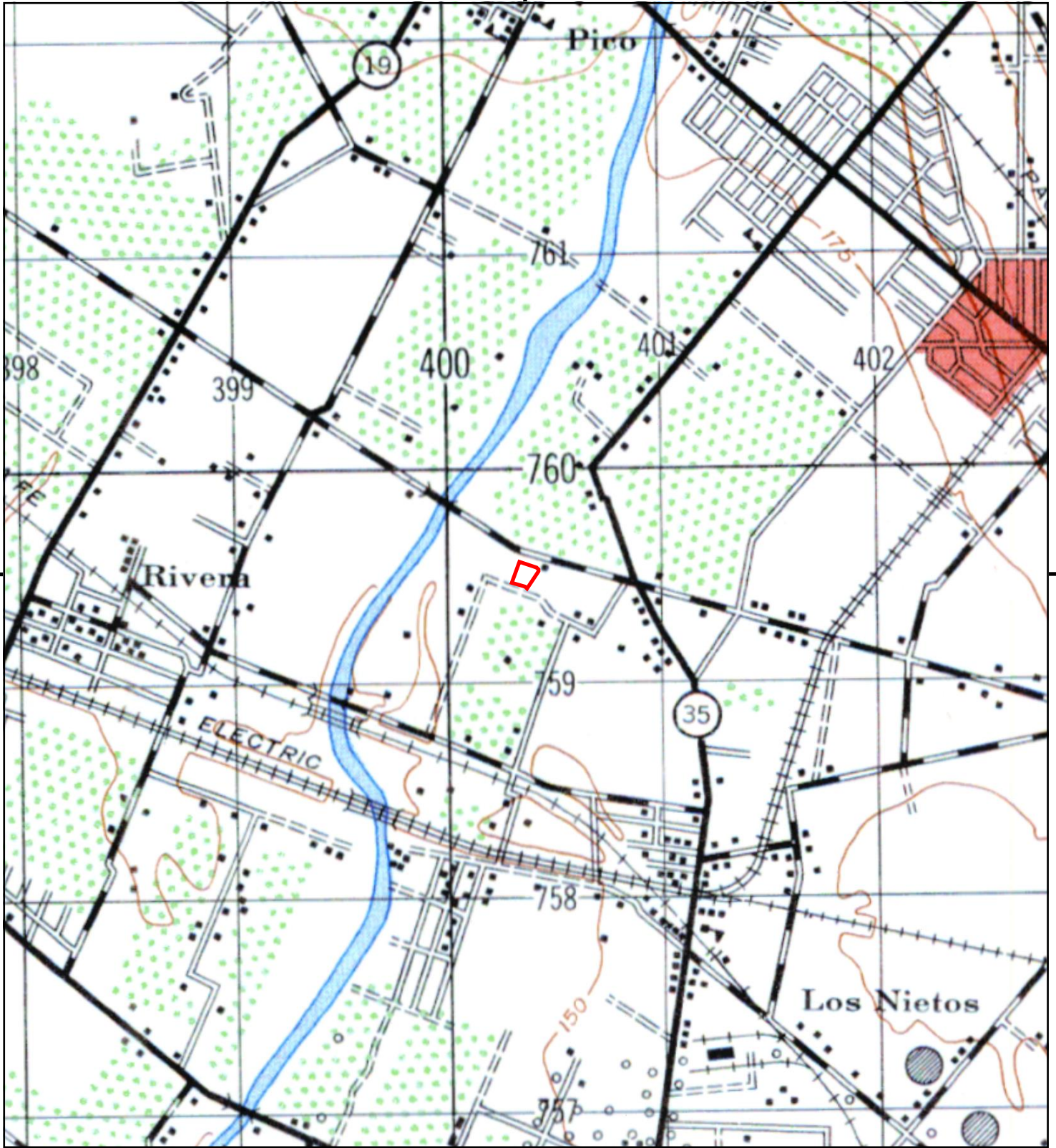
This report includes information from the following map sheet(s).



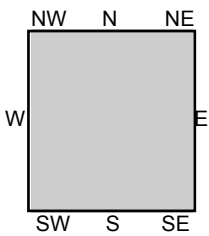
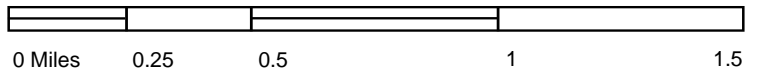
TP, Whittier, 1949, 7.5-minute

SITE NAME: Whittier Aquatics Center
ADDRESS: 10800 Ben Avon Street
 Whittier, CA 90606
CLIENT: Hana Resources





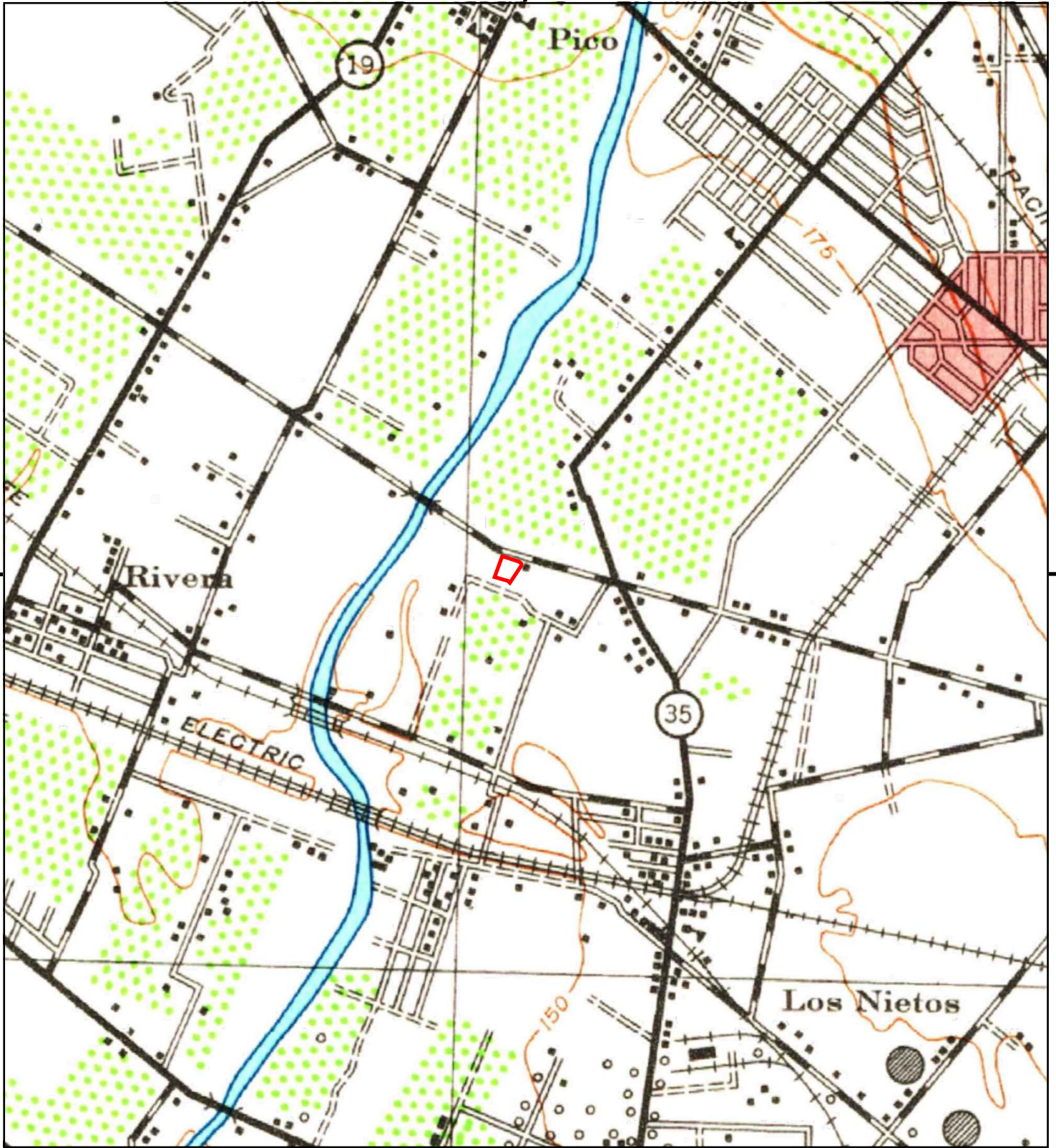
This report includes information from the following map sheet(s).



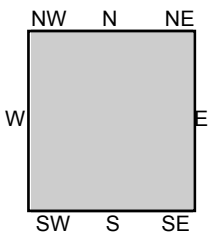
TP, DOWNEY, 1947, 15-minute

SITE NAME: Whittier Aquatics Center
 ADDRESS: 10800 Ben Avon Street
 Whittier, CA 90606
 CLIENT: Hana Resources





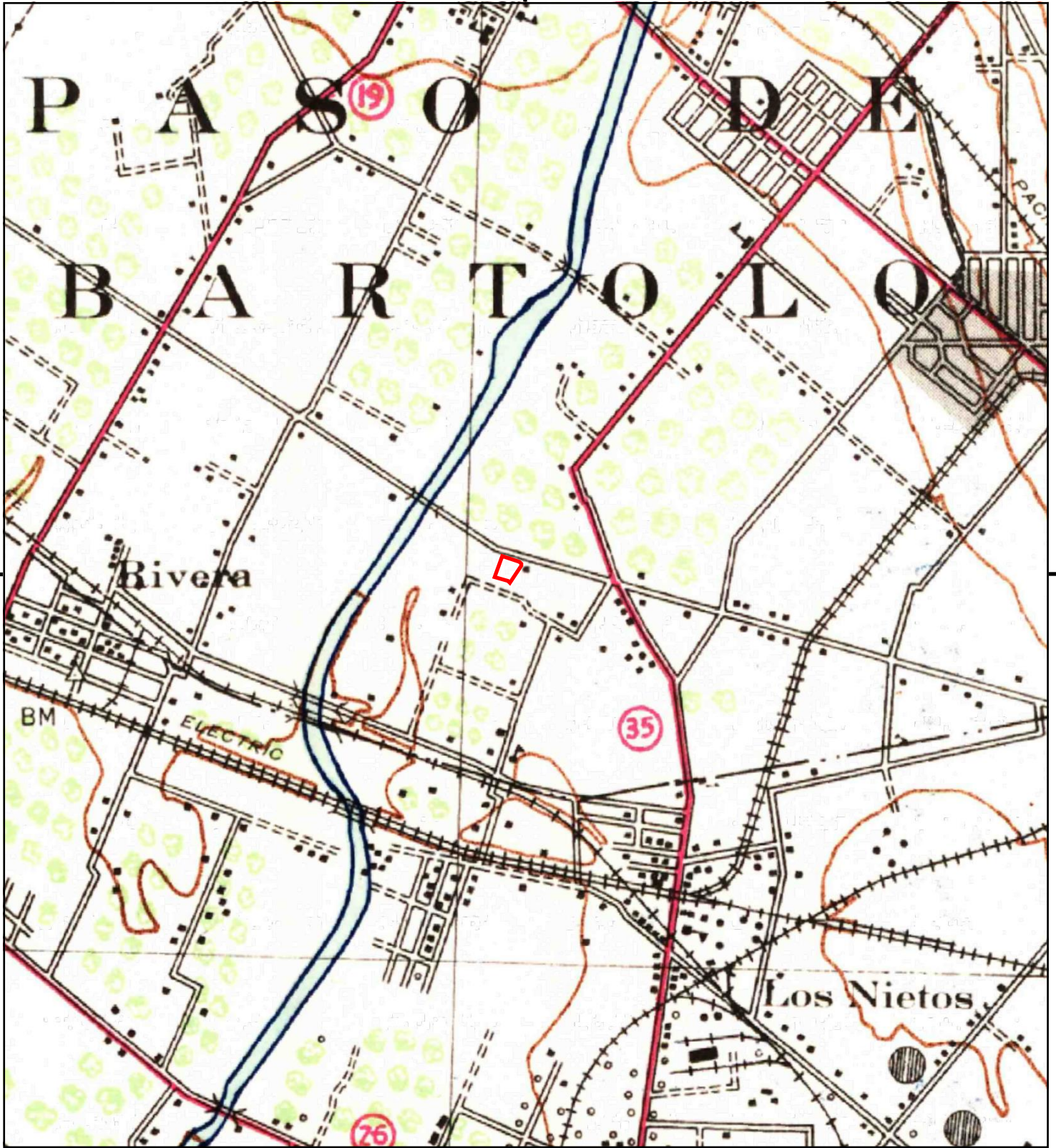
This report includes information from the following map sheet(s).



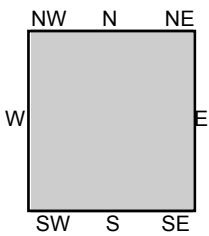
TP, Downey, 1943, 15-minute

SITE NAME: Whittier Aquatics Center
 ADDRESS: 10800 Ben Avon Street
 Whittier, CA 90606
 CLIENT: Hana Resources





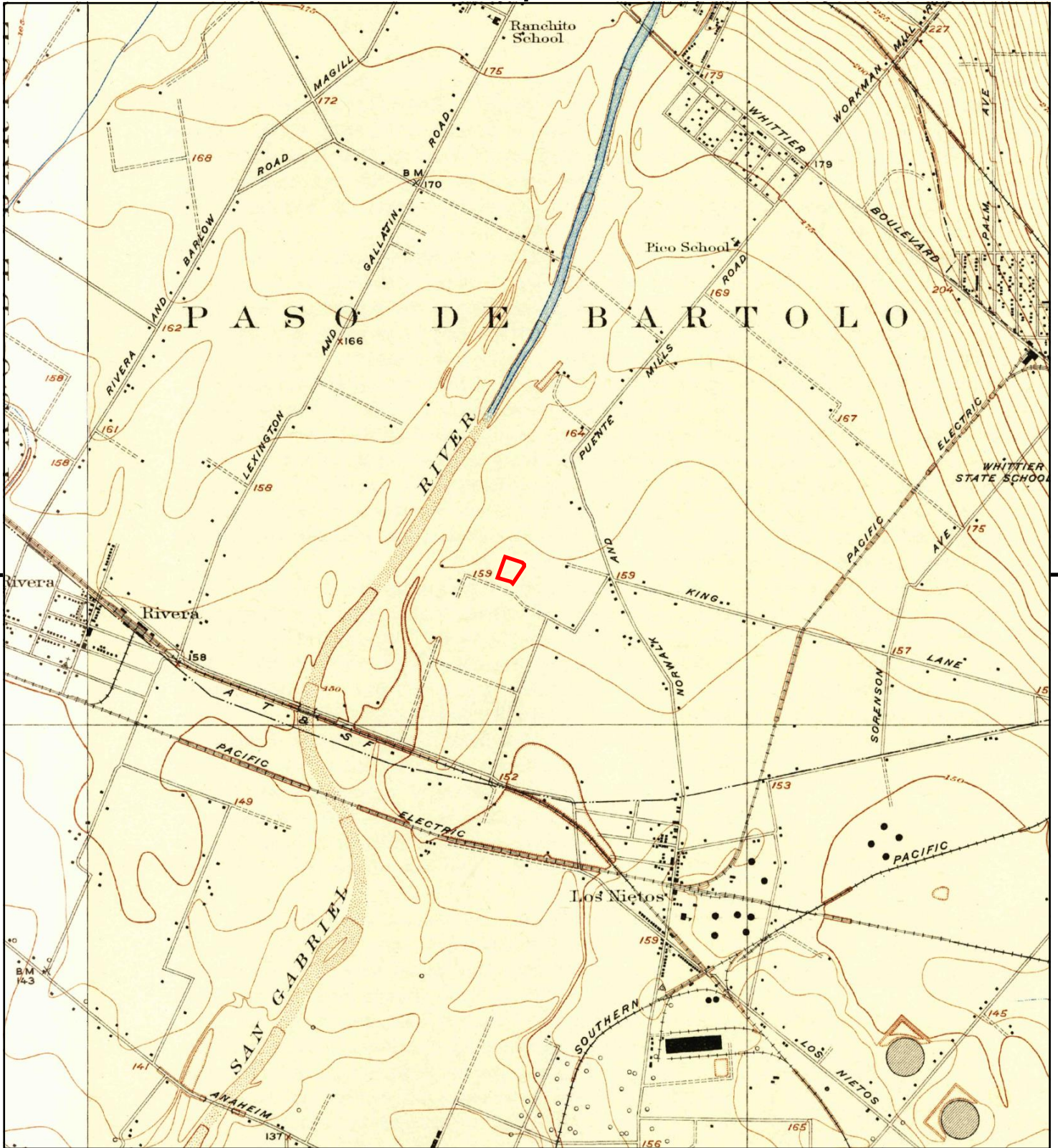
This report includes information from the following map sheet(s).



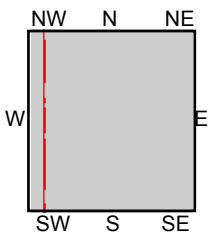
TP, Downey, 1942, 15-minute

SITE NAME: Whittier Aquatics Center
 ADDRESS: 10800 Ben Avon Street
 Whittier, CA 90606
 CLIENT: Hana Resources





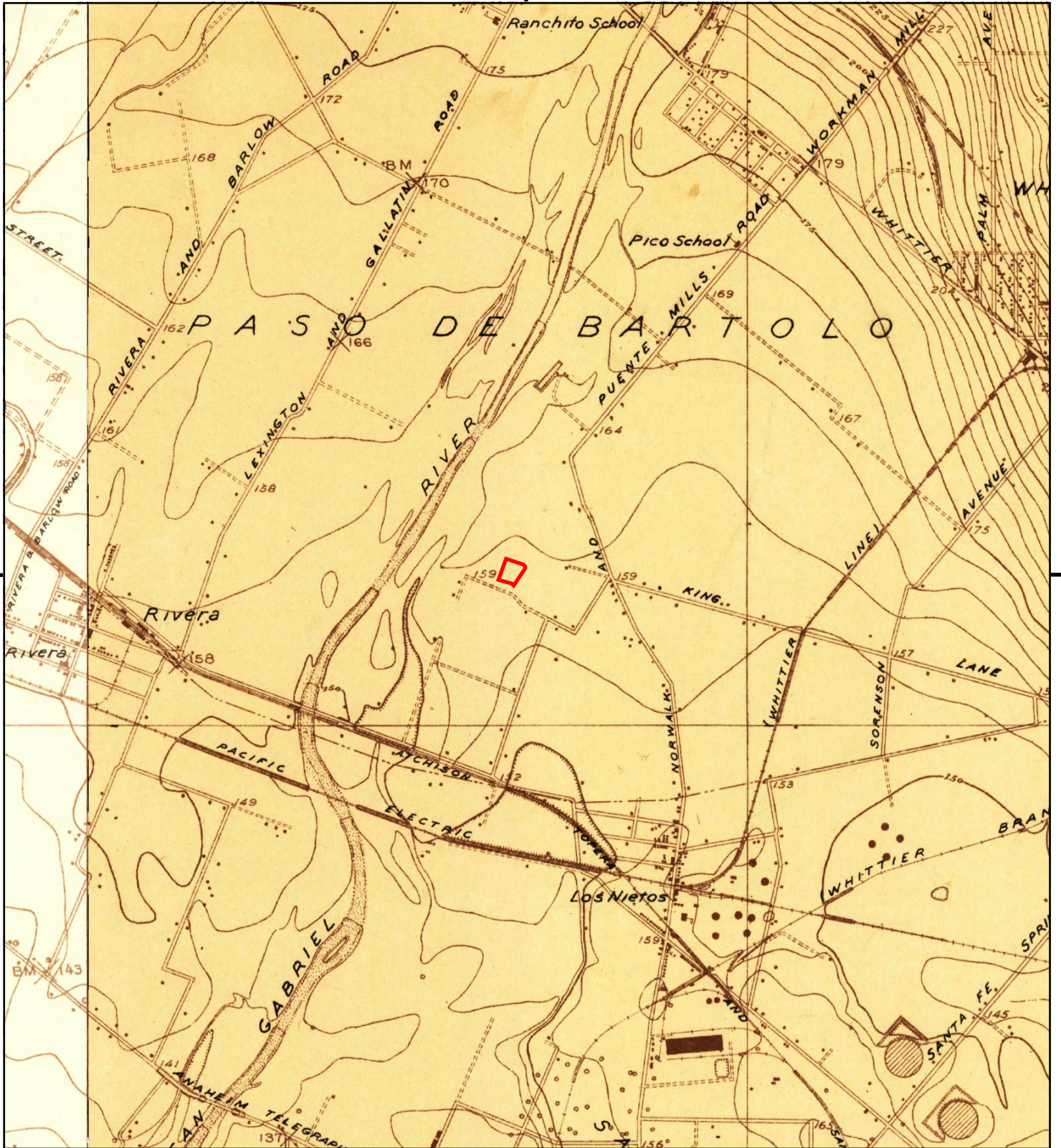
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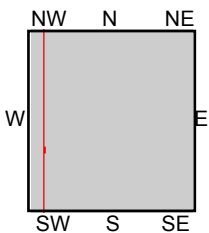
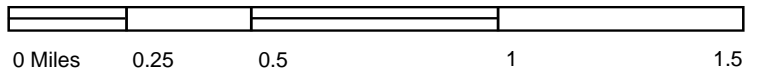
TP, Whittier, 1925, 7.5-minute
W, Bell, 1925, 7.5-minute

SITE NAME: Whittier Aquatics Center
ADDRESS: 10800 Ben Avon Street
Whittier, CA 90606
CLIENT: Hana Resources





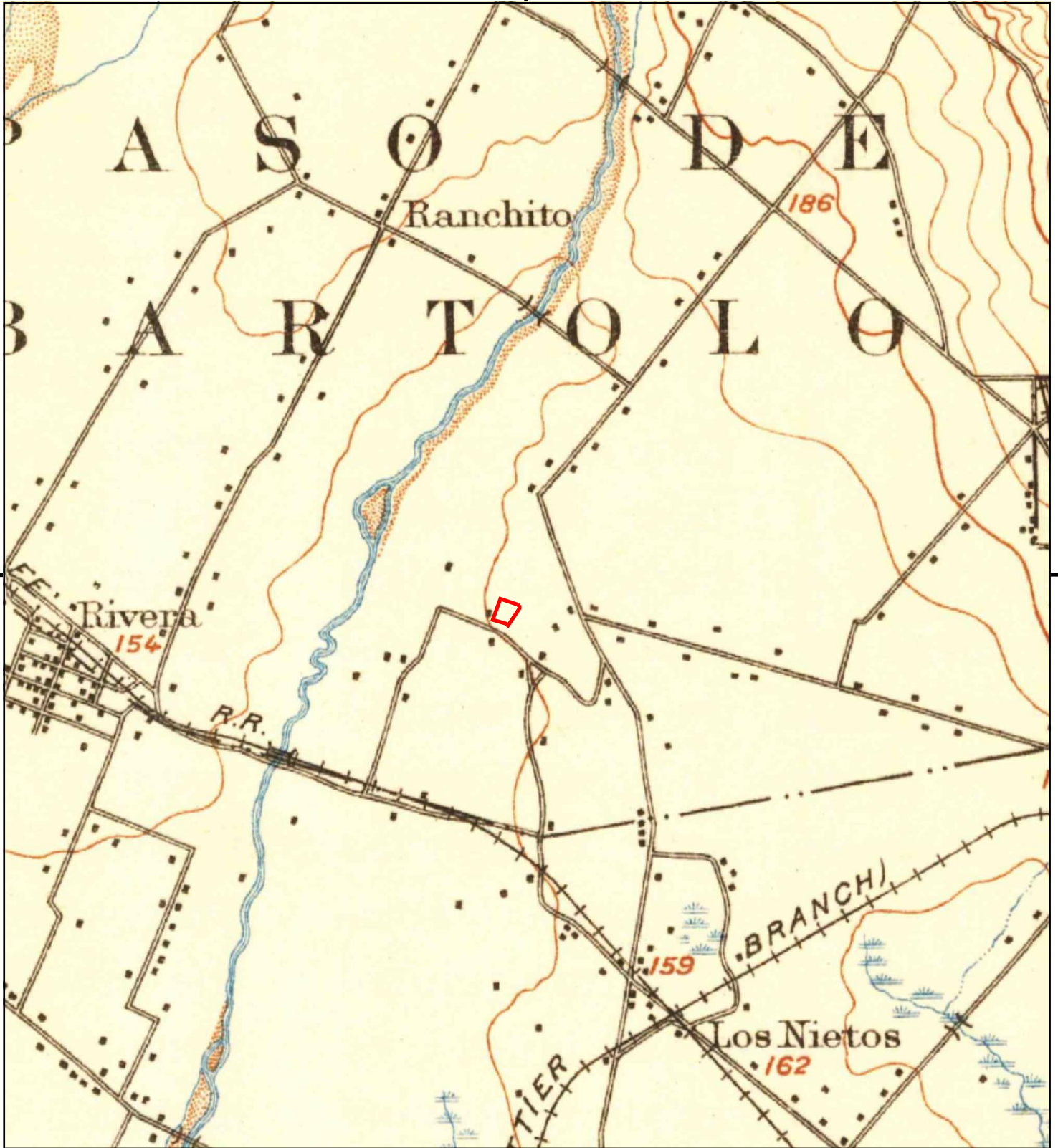
This report includes information from the following map sheet(s).



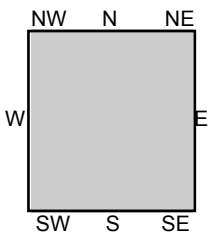
TP, Whittier, 1923, 7.5-minute
W, Bell, 1923, 7.5-minute

SITE NAME: Whittier Aquatics Center
ADDRESS: 10800 Ben Avon Street
Whittier, CA 90606
CLIENT: Hana Resources





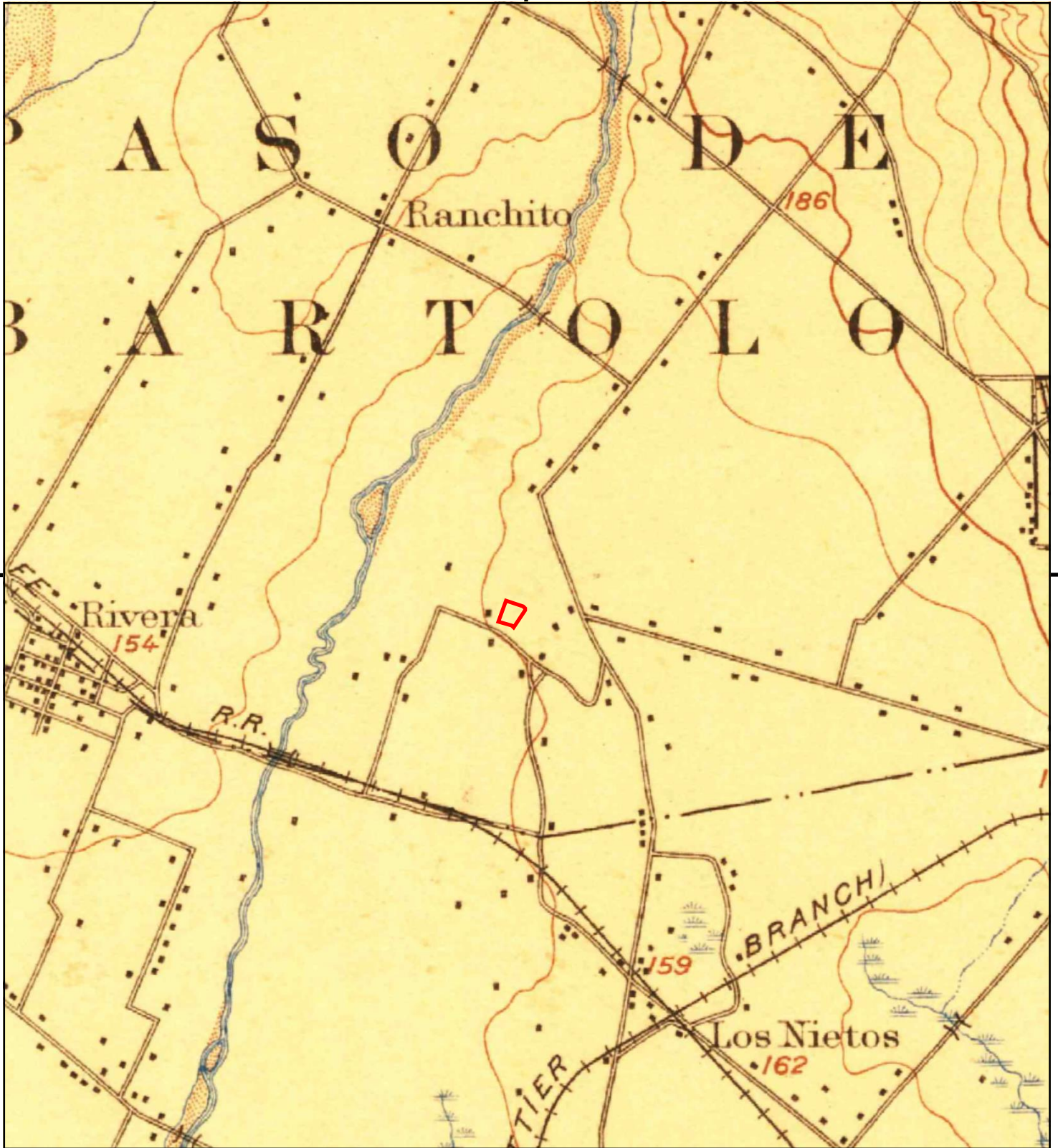
This report includes information from the following map sheet(s).



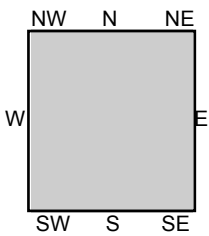
TP, Downey, 1902, 15-minute

SITE NAME: Whittier Aquatics Center
 ADDRESS: 10800 Ben Avon Street
 Whittier, CA 90606
 CLIENT: Hana Resources





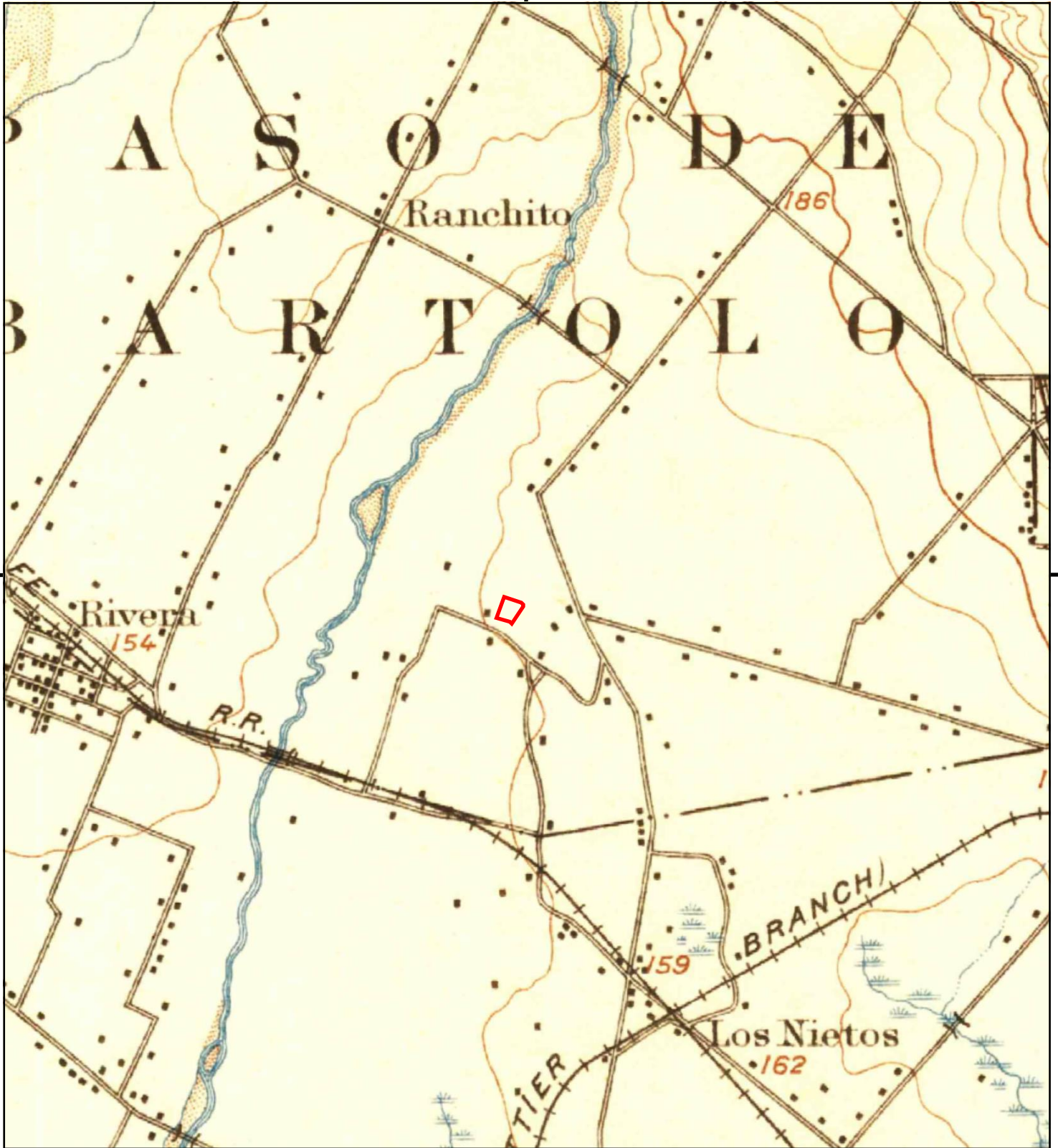
This report includes information from the following map sheet(s).



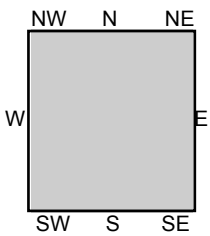
TP, Downey, 1899, 15-minute

SITE NAME: Whittier Aquatics Center
 ADDRESS: 10800 Ben Avon Street
 Whittier, CA 90606
 CLIENT: Hana Resources





This report includes information from the following map sheet(s).




TP, Downey, 1896, 15-minute

SITE NAME: Whittier Aquatics Center
 ADDRESS: 10800 Ben Avon Street
 Whittier, CA 90606
 CLIENT: Hana Resources



APPENDIX E

Sanborn Maps



Whittier Aquatics Center

10800 Ben Avon Street

Whittier, CA 90606

Inquiry Number: 5508191.3

December 10, 2018

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

12/10/18

Site Name:

Whittier Aquatics Center
10800 Ben Avon Street
Whittier, CA 90606
EDR Inquiry # 5508191.3

Client Name:

Hana Resources
20361 Hermana Circle
Lake Forest, CA 92630
Contact: Dale Schneeberger



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Hana Resources were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

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 # 05A6-442E-B17A

PO # 7010-01-01

Project Whittier Aquatics Center

UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 05A6-442E-B17A

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

The Sanborn Library LLC Since 1866™

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Hana Resources (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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APPENDIX F

Building Permits/Environmental Liens/Property Tax Map

Whittier Aquatics Center

10800 Ben Avon Street
Whittier, CA 90606

Inquiry Number: 5508191.8
December 10, 2018

EDR Building Permit Report

Target Property and Adjoining Properties

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Findings

Glossary

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR BUILDING PERMIT REPORT

About This Report

The EDR Building Permit Report provides a practical and efficient method to search building department records for indications of environmental conditions. Generated via a search of municipal building permit records gathered from more than 1,600 cities nationwide, this report will assist you in meeting the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

Building permit data can be used to identify current and/or former operations and structures/features of environmental concern. The data can provide information on a target property and adjoining properties such as the presence of underground storage tanks, pump islands, sumps, drywells, etc., as well as information regarding water, sewer, natural gas, electrical connection dates, and current/former septic tanks.

ASTM and EPA Requirements

ASTM E 1527-13 lists building department records as a "standard historical source," as detailed in § 8.3.4.7: "Building Department Records - The term building department records means those records of the local government in which the property is located indicating permission of the local government to construct, alter, or demolish improvements on the property." ASTM also states that "Uses in the area surrounding the property shall be identified in the report, but this task is required only to the extent that this information is revealed in the course of researching the property itself."

EPA's Standards and Practices for All Appropriate Inquires (AAI) states: "§312.24: Reviews of historical sources of information. (a) Historical documents and records must be reviewed for the purposes of achieving the objectives and performance factors of §312.20(e) and (f). Historical documents and records may include, but are not limited to, aerial photographs, fire insurance maps, building department records, chain of title documents, and land use records."

Methodology

EDR has developed the EDR Building Permit Report through our partnership with BuildFax, the nation's largest repository of building department records. BuildFax collects, updates, and manages building department records from local municipal governments. The database now includes 30 million permits, on more than 10 million properties across 1,600 cities in the United States.

The EDR Building Permit Report comprises local municipal building permit records, gathered directly from local jurisdictions, including both target property and adjoining properties. Years of coverage vary by municipality. Data reported includes (where available): date of permit, permit type, permit number, status, valuation, contractor company, contractor name, and description.

Incoming permit data is checked at seven stages in a regimented quality control process, from initial data source interview, to data preparation, through final auditing. To ensure the building department is accurate, each of the seven quality control stages contains, on average, 15 additional quality checks, resulting in a process of approximately 105 quality control "touch points."

For more information about the EDR Building Permit Report, please contact your EDR Account Executive at (800) 352-0050.



EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

A search of building department records was conducted by Environmental Data Resources, Inc (EDR) on behalf of Hana Resources on Dec 10, 2018.

TARGET PROPERTY

10800 Ben Avon Street
Whittier, CA 90606

SEARCH METHODS

EDR searches available lists for both the Target Property and Surrounding Properties.

RESEARCH SUMMARY

Building permits identified: **YES**

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Los Angeles County

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>
2018	Los Angeles County, Building and Safety		X
2017	Los Angeles County, Building and Safety		X
2016	Los Angeles County, Building and Safety		X
2015	Los Angeles County, Building and Safety		X
2014	Los Angeles County, Building and Safety		X
2013	Los Angeles County, Building and Safety		X
2012	Los Angeles County, Building and Safety		X
2011	Los Angeles County, Building and Safety		X
2010	Los Angeles County, Building and Safety		
2009	Los Angeles County, Building and Safety		X
2008	Los Angeles County, Building and Safety		X
2007	Los Angeles County, Building and Safety		X
2006	Los Angeles County, Building and Safety		X
2005	Los Angeles County, Building and Safety		X
2004	Los Angeles County, Building and Safety		X
2003	Los Angeles County, Building and Safety		X
2002	Los Angeles County, Building and Safety		X
2001	Los Angeles County, Building and Safety		X
2000	Los Angeles County, Building and Safety		X
1999	Los Angeles County, Building and Safety		X
1998	Los Angeles County, Building and Safety		X
1997	Los Angeles County, Building and Safety		X
1996	Los Angeles County, Building and Safety		X
1995	Los Angeles County, Building and Safety		
1994	Los Angeles County, Building and Safety		
1993	Los Angeles County, Building and Safety		
1992	Los Angeles County, Building and Safety		
1991	Los Angeles County, Building and Safety		

EXECUTIVE SUMMARY: SEARCH DOCUMENTATION

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>
1990	Los Angeles County, Building and Safety		
1989	Los Angeles County, Building and Safety		
1988	Los Angeles County, Building and Safety		

Name: JurisdictionName
Years: Years
Source: Source
Phone: Phone

BUILDING DEPARTMENT RECORDS SEARCHED

Name: Los Angeles County
Years: 1988-2018
Source: Los Angeles County, Building and Safety, WHITTIER, CA
Phone: (626) 458-6368

Name: Huntington Beach
Years: 1996-2018
Source: Huntington Beach, Dept. of Building and Safety, HUNTINGTON BEACH, CA
Phone: (714) 536-5241

TARGET PROPERTY FINDINGS

TARGET PROPERTY DETAIL

**10800 Ben Avon Street
Whittier, CA 90606**

No Permits Found

ADJOINING PROPERTY FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BEN AVON ST

10916 BEN AVON ST

Date: **4/28/2004**
Permit Type: **ME**
Description: **WALL HEATER C/O**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0404280003
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: TONY'S HEATING AND A, C SERVICE

10918 BEN AVON ST

Date: **6/6/2003**
Permit Type: **ME**
Description: **REPLACE FAU & A/C**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0306060015
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: VAL-AIR CONDITIONING

ADJOINING PROPERTY FINDINGS

Date: **6/6/2003**
Permit Type: **EL**
Description: **REPLACE FAU & A/C**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0306060026
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: VAL-AIR CONDITIONING

10926 BEN AVON ST

Date: **2/23/2012**
Permit Type: **BL**
Description: **REPLACE 2-DOORS W/NEW DOOR INTO EXISTING OPEINING NO HEADER CHANGES.**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 1202230037
Status: FINALED
Valuation: \$1,800.00
Contractor Company:
Contractor Name: DIAL ONE WINDOWS

ADJOINING PROPERTY FINDINGS

Date: **7/9/2009**
Permit Type: **BL**
Description: **REPLACE 1-WINDOW & 1-PATIO DOOR SLIDER SAME SIZE**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 0907090033
Status: FINALED
Valuation: \$2,800.00
Contractor Company:
Contractor Name:

Date: **5/22/2007**
Permit Type: **ME**
Description: **MECHANICAL PERMIT**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0705220003
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: NEVADA FORD

Date: **5/22/2007**
Permit Type: **EL**
Description: **MECHANICAL PERMIT**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0705220007
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: NEVADA FORD

ADJOINING PROPERTY FINDINGS

Date: **6/27/2006**
Permit Type: **BL**
Description: **REPLACE (7) WINDOWS W/ SAMESIZE ANDERSEN RENEWAL WINDOWS, INSTALL NEW 4 X 10 HEADER TO REPLACE DAMAGED ONE**

Permit Description: **BUILDING PERMIT**
Work Class: **ALTERATION/REPAIR**
Proposed Use:
Permit Number: **0606270001**
Status: **FINALED**
Valuation: **\$4,100.00**
Contractor Company:
Contractor Name: **DIAL ONE WINDOW REPLACEMENT**

DANBY AVE

8010 DANBY AVE

Date: **8/15/2016**
Permit Type: **ME**
Description: **INSTALL NEW HVAC: 3.5 TON A/C UNIT, 70K BTU FAU & (7) DUCTS**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: **1608150016**
Status: **FINALED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **FANTASTIC AIR HEATING AND COOLING**

ADJOINING PROPERTY FINDINGS

Date: **8/15/2016**
Permit Type: **PL**
Description: **INSTALL NEW HVAC: 3.5 TON A/C UNIT, 70K BTU FAU & (7) DUCTS**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 1608150025
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: FANTASTIC AIR HEATING AND COOLING

Date: **8/15/2016**
Permit Type: **EL**
Description: **INSTALL NEW HVAC: 3.5 TON A/C UNIT, 70K BTU FAU & (7) DUCTS**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1608150048
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: FANTASTIC AIR HEATING AND COOLING

Date: **8/5/2016**
Permit Type: **ME**
Description: **INSTALL 5 TON A/C & 100K BTU FAU W/ (7) DUCTS.**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1608050017
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: PORTAL BUSINESS ENTERPRISES

ADJOINING PROPERTY FINDINGS

Date: **7/25/2016**
Permit Type: **PL**
Description: **INSTALL A TANKLESS WATER HEATER.**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 1607250025
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: 3104744040 CHALLENGE PLUMBING

Date: **3/31/2016**
Permit Type: **CB**
Description: **NEW 3.9 KW ROOF PV SOLAR SYSTEM - 15 PANELS**

Permit Description: **BUILDING PERMIT**
Work Class:
Proposed Use:
Permit Number: 1603080003
Status: FINALED
Valuation: \$8,620.00
Contractor Company:
Contractor Name: SOLARCITY

Date: **10/5/1998**
Permit Type: **BL**
Description: **T/O EXISTING-REPLACE PLYWOOD IF NEEDED-REROOF W/COMP SHINGLE HOUSE & GARAGE**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 9810050030
Status: FINALED
Valuation: \$2,000.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

8016 DANBY AVE

Date: **7/24/2013**
Permit Type: **EL**
Description: **NEW 220 SQ FT ATT PATIO COVER TO EXIST SFD PER ICC-ESR1398**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1307240057
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: ANEW CONCEPTS, INC.

Date: **7/24/2013**
Permit Type: **BL**
Description: **NEW 220 SQ FT ATT. PATIO COVER TO EXIST SFD PER ICC-ESR1398.**

Permit Description: **BUILDING PERMIT**
Work Class: RESIDENTIAL ADD/ALT
Proposed Use:
Permit Number: 1307240062
Status: FINALED
Valuation: \$2,860.00
Contractor Company:
Contractor Name: ANEW CONCEPTS, INC.

Date: **2/19/2013**
Permit Type: **BL**
Description: **REPLACE (12) WINDOWS SAME SIZE & ENLARGE (3) WINDOWS**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 1302190033
Status: FINALED
Valuation: \$7,000.00
Contractor Company:
Contractor Name: ADVANCE WINDOWS AND DOORS

ADJOINING PROPERTY FINDINGS

Date: **9/11/2012**
Permit Type: **PL**
Description: **REPLACE WATER HEATER**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 1209110028
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: GRIGOR SIMONYAN, INC.

Date: **8/24/2004**
Permit Type: **PL**
Description: **NEW GAS & WATER SERVICE FROM METER TO HOUSE**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 0408230056
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: CITY WIDE PLUMBING SERVICE

Date: **1/11/1999**
Permit Type: **PL**
Description: **WATER HEATER CHANGE OUT**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 9901110012
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: XX

ADJOINING PROPERTY FINDINGS

8020 DANBY AVE

Date: **9/19/2000**
Permit Type: **BL**
Description: **144SQ PATIO COVER ICBO 2228P**

Permit Description: **BUILDING PERMIT**
Work Class: **RESIDENTIAL ADD/ALT**
Proposed Use:
Permit Number: **0009190006**
Status: **FINALED**
Valuation: **\$2,400.00**
Contractor Company:
Contractor Name: **WEST COAST CUSTOM ROOMS**

8026 DANBY AVE

Date: **11/27/2017**
Permit Type: **EL**
Description: **REMOVE AND REPLACE (E) PANEL WITH 125A MAIN IN SAME LOCATION**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: **1711270036**
Status: **FINALED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **MYERS ELECTRIC**

ADJOINING PROPERTY FINDINGS

Date: **11/27/2017**
Permit Type: **CB**
Description: **NEW 5.31 KW ROOF PV SOLAR SYSTEM - 18 PANELS**

Permit Description: **BUILDING PERMIT**
Work Class:
Proposed Use:
Permit Number: 1711210010
Status: FINALED
Valuation: \$12,000.00
Contractor Company:
Contractor Name: HOSOPO CORPORATION

Date: **2/2/2016**
Permit Type: **BL**
Description: **TEAR OFF & REROOF 1800 SQFT SFD W/ 1 LAYER 30LB FELT & COMP SHINGLES**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 1602020012
Status: FINALED
Valuation: \$5,000.00
Contractor Company:
Contractor Name: L A CONSTRUCTION AND ROOFING

Date: **2/2/2016**
Permit Type: **BL**
Description: **TEAR OFF & REROOF 500 SQFT DETACHED GARAGE W/ 1 LAYER 30LB FELT & COMP SHINGLES**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 1602020013
Status: FINALED
Valuation: \$1,000.00
Contractor Company:
Contractor Name: L A CONSTRUCTION AND ROOFING

ADJOINING PROPERTY FINDINGS

8032 DANBY AVE

Date: **2/15/2011**
Permit Type: **BL**
Description: **407 SQ FT ATTACHED COVERED PATIO.**

Permit Description: **BUILDING PERMIT**
Work Class: RESIDENTIAL ADD/ALT
Proposed Use:
Permit Number: 1101140009
Status: FINALED
Valuation: \$8,000.00
Contractor Company:
Contractor Name:

Date: **2/15/2011**
Permit Type: **EL**
Description: **407 SQ FT ATTACHED COVERED PATIO.**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1102150004
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name:

Date: **9/20/2006**
Permit Type: **EL**
Description: **SERVICE UP-GRADE**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0609200016
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

Date: **8/29/2006**
Permit Type: **BL**
Description: **T/O EXISTING-HOUSE ONLY, REPLACE WOOD AS NEEDED & REROOF W/COMP SHINGLE**

Permit Description: **BUILDING PERMIT**
Work Class: **ALTERATION/REPAIR**
Proposed Use:
Permit Number: **0608290061**
Status: **FINALED**
Valuation: **\$2,000.00**
Contractor Company:
Contractor Name: **OWNER**

8102 DANBY AVE

Date: **3/31/2016**
Permit Type: **CB**
Description: **INSTALL PV ROOF SOLAR SYSTEM 3.99 KW FOR 14 MODULES**

Permit Description: **BUILDING PERMIT**
Work Class:
Proposed Use:
Permit Number: **1603300020**
Status: **FINALED**
Valuation: **\$5,500.00**
Contractor Company:
Contractor Name: **AMERICAN GREEN HOME BUILDER**

ADJOINING PROPERTY FINDINGS

Date: **3/31/2016**
Permit Type: **EL**
Description: **UPGRADE PANEL TO 200 AMPS**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1603310044
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: AMERICAN GREEN HOME BUILDER

Date: **2/25/2016**
Permit Type: **BL**
Description: **TEAR OFF & REROOF (E) 1400 SQFT & 900 SQFT (BUR) ON FLAT ROOF FOR SFR & ATTACHED GARAGE W/1 30LB UNDERLAYMENT DECK DEPENSE & CLASS A COMP SHINGLES**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 1602250090
Status: FINALED
Valuation: \$7,000.00
Contractor Company:
Contractor Name: IROOF

ADJOINING PROPERTY FINDINGS

8112 DANBY AVE

Date: **5/11/2012**
Permit Type: **PL**
Description: **1-SOLAR WATER HEATING SYSTEM**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 1202150016
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: GREEN MONSTER

Date: **6/14/2006**
Permit Type: **ME**
Description: **FOR BL #0602020072**

Permit Description: **MECHANICAL**
Work Class:
Proposed Use:
Permit Number: 0606140013
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: LAKEWOOD BUILDERS

Date: **6/14/2006**
Permit Type: **PL**
Description: **FOR BL #0602020072**

Permit Description: **PLUMBING**
Work Class:
Proposed Use:
Permit Number: 0606140013
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: LAKEWOOD BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **6/14/2006**
Permit Type: **EL**
Description: **FOR BL #0602020072**

Permit Description: **ELECTRICAL**
Work Class:
Proposed Use:
Permit Number: 0606140027
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: LAKEWOOD BUILDERS

Date: **3/10/2006**
Permit Type:
Description: **913 SQ FT ADDITION TO EXIST SFD, ADD 37 SQ FT TO 1ST FLOOR & 876 SQ FT NEW 2ND FLOOR(MSTR STE & OFFICE).C/O WINDOWS & RESTUCCO HOUSE.**

Permit Description:
Work Class: RESIDENTIAL ADD/ALT
Proposed Use:
Permit Number: 0602020072
Status: FINALED
Valuation: \$75,000.00
Contractor Company:
Contractor Name: LAKEWOOD BUILDERS

Date: **1/27/2003**
Permit Type: **BL**
Description: **T/O EXISTING-REROOF W/20YR SHINGLE/HOUSE & GARAGE/TORCH DOWN ON BLIND VALLEY**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 0301270051
Status: FINALED
Valuation: \$3,920.00
Contractor Company:
Contractor Name: DICK MADSEN ROOFING

ADJOINING PROPERTY FINDINGS

MILLERGROVE DR

8021 MILLERGROVE DR

Date: 9/19/2017
Permit Type: BL
Description: REROOF: TEAR OFF (E) ROOF & INSTALL 30YR FIBERGLASS SHINGLES FOR 1500 SQFT SFD ONLY (NOT TO INCLUDE FLAT AREA AT REAR).

Permit Description: BUILDING PERMIT
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 1709190042
Status: PERMISUD
Valuation: \$7,000.00
Contractor Company:
Contractor Name: CASSADY ROOFING, INC.

Date: 9/19/2017
Permit Type: BL
Description: REROOF: TEAR OFF (E) ROOF & INSTALL 30YR FIBERGLASS SHINGLES FOR 400 SQFT DETACHED GARAGE.

Permit Description: BUILDING PERMIT
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 1709190043
Status: PERMISUD
Valuation: \$2,000.00
Contractor Company:
Contractor Name: CASSADY ROOFING, INC.

ADJOINING PROPERTY FINDINGS

Date: **6/9/2008**
Permit Type: **ME**
Description: **PLUMBING PERMIT FOR NEW RES A/C & HEATER UNIT**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0806090006
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: NEVADA FORD

Date: **6/9/2008**
Permit Type: **PL**
Description: **PLUMBING PERMIT FOR 1-LOW PRESSURE GAS SYS.**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 0806090008
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: NEVADA FORD

Date: **6/9/2008**
Permit Type: **EL**
Description: **ELECT PERMIT FOR 2-FIXTURES A/C UNITS**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0806090017
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: NEVADA FORD

ADJOINING PROPERTY FINDINGS

8031 MILLERGROVE DR

Date: **3/5/2003**
Permit Type: **EL**
Description: **SERVICE UP-GRADE**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0303050039
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: GALVAN ELECTRIC

8032 MILLERGROVE DR

Date: **8/6/2003**
Permit Type: **EL**
Description: **RELOCATE PANEL**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0308060025
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

8113 MILLERGROVE DR

Date: **12/16/2003**
Permit Type: **PL**
Description: **REPLACE 2 TOILETS, REPLACE SHOWER HEAD IN TUB**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 0312160011
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: A Z HOME INC.

Date: **12/16/2003**
Permit Type: **EL**
Description: **GFI**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0312160024
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: A Z HOME INC.

Date: **2/18/1997**
Permit Type: **EL**
Description: **SMOKE DETECTORS, & OUTLETS**

Permit Description: **ELECTRICAL PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 9702180061
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: LDG, INC.

ADJOINING PROPERTY FINDINGS

Date: **2/18/1997**
Permit Type: **BL**
Description: **T/O, RECOVER W/COMP SHINGLES & PLYWOOD**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 9702180074
Status: FINALED
Valuation: \$4,900.00
Contractor Company:
Contractor Name: LDG, INC.

Date: **10/24/1996**
Permit Type: **PL**
Description: **WATER HEATER CHANGE OUT**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 9610240012
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: R B I

8118 MILLERGROVE DR

Date: **3/3/2004**
Permit Type: **EL**
Description: **SERVICE UP-GRADE**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0403030042
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

Date: **10/16/2003**
Permit Type: **EL**
Description: **DEN**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0310160023
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

Date: **10/16/2003**
Permit Type: **BL**
Description: **DEN**

Permit Description: **BUILDING PERMIT**
Work Class: RESIDENTIAL ADD/ALT
Proposed Use:
Permit Number: 0310160073
Status: FINALED
Valuation: \$18,000.00
Contractor Company:
Contractor Name: OWNER

8119 MILLERGROVE DR

Date: **7/25/1997**
Permit Type: **ME**
Description: **REPLACE WALL FURNANCE**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 9707250009
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

8126 MILLERGROVE DR

Date: **8/23/2006**
Permit Type: **EL**
Description: **INSTALL (1) 200 AMP SERVICE PANEL**

Permit Description: **ELECTRICAL**
Work Class:
Proposed Use:
Permit Number: 0608230024
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

Date: **4/14/2006**
Permit Type: **EL**
Description: **ELECTRICAL LINE HOUSE TO GARAGE, UNDERGROUND ONLY 17 FEET.**

Permit Description: **ELECTRICAL**
Work Class:
Proposed Use:
Permit Number: 0604140027
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

Date: **2/3/2006**
Permit Type:
Description: **ADD 1 BEDROOM, 1BATH, AND LAUNDRY ROOM 204 SQ FT AND REMODEL EXIST DEN**

Permit Description:
Work Class: RESIDENTIAL ADD/ALT
Proposed Use:
Permit Number: 0601120016
Status: FINALED
Valuation: \$19,460.00
Contractor Company:
Contractor Name: OWNER

Date: **2/3/2006**
Permit Type: **ME**
Description: **ADD 1 BEDROOM, 1BATH, AND LAUNDRY ROOM 204 SQ FT AND REMODEL EXIST DEN**

Permit Description: **MECHANICAL**
Work Class:
Proposed Use:
Permit Number: 0602030009
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

Date: **2/3/2006**
Permit Type: **PL**
Description: **ADD 1 BEDROOM, 1BATH, AND LAUNDRY ROOM 204 SQ FT AND REMODEL EXIST DEN**

Permit Description: **PLUMBING**
Work Class:
Proposed Use:
Permit Number: 0602030021
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

Date: **2/3/2006**
Permit Type: **EL**
Description: **ADD 1 BEDROOM, 1BATH, AND LAUNDRY ROOM 204 SQ FT AND REMODEL EXIST DEN**

Permit Description: **ELECTRICAL**
Work Class:
Proposed Use:
Permit Number: 0602030031
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

Date: **8/3/2005**
Permit Type: **BL**
Description: **T/O EXISTING ROOF & RE-ROOF W/NEW ASPHALT SHINGLES((18 SQ.) REPAIR & REPLACE ANY DAMAGE RAFTER.**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 0508030081
Status: FINALED
Valuation: \$2,850.00
Contractor Company:
Contractor Name: OWNER

8206 MILLERGROVE DR

Date: **6/8/2011**
Permit Type: **CP**
Description: **428 SQ FT SWIMMING POOL.**

Permit Description: **COMBINATION POOL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1106080001
Status: FINALED
Valuation: \$29,850.00
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

8214 MILLERGROVE DR

Date: **10/18/2012**
Permit Type: **SE**
Description: **INSTALL 4" CLEAN OUT AND REPLACE SECTION OF SEWER.**

Permit Description: **SEWER PERMIT**
Work Class:
Proposed Use:
Permit Number: 1210180007
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: PAYLESS 4 PLUMBING, INC.

8230 MILLERGROVE DR

Date: **12/3/2007**
Permit Type: **BL**
Description: **T/O EXISTING-REPLACE PLYWOOD AS NEEDED & REROOF EX. HOUSE & GARAGE TO MATCH ADDITION/W/COMP SHINGLE**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 0712030073
Status: FINALED
Valuation: \$3,500.00
Contractor Company:
Contractor Name: LAKEWOOD BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **10/24/2007**
Permit Type: **ME**
Description: **MECH PERMIT 2-COMPRESSORS,2-FURNACE/HEATER & 14-AIR INLETS OUTLETS**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0710240010
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: LAKEWOOD BUILDERS

Date: **10/24/2007**
Permit Type: **PL**
Description: **PLUMBING PERMIT 5-FIXTURES**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 0710240014
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: LAKEWOOD BUILDERS

Date: **10/24/2007**
Permit Type: **EL**
Description: **ELECT PERMIT FOR 53-FIXTURES & UPGRADE 200AMP SERVICE PANEL & TEMPORARY POLE**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0710240034
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: LAKEWOOD BUILDERS

ADJOINING PROPERTY FINDINGS

Date: **10/11/2007**
Permit Type: **BL**
Description: **2-BEDROOMS & 1-BATH ABOVE EXISTING GARAGE(747SQ. FT.) & BREEZEWAY (182SQ. FT.)**

Permit Description: **BUILDING PERMIT**
Work Class: RESIDENTIAL ADD/ALT
Proposed Use:
Permit Number: 0703290041
Status: FINALED
Valuation: \$64,400.00
Contractor Company:
Contractor Name: LAKEWOOD BUILDERS

MILNA AVE

8009 MILNA AVE

Date: **5/7/2018**
Permit Type: **BL**
Description: **(N) BEDROOM AND W.I.C. ADDITION TO (E) SFD & REMODELING (289 SQFT).**

Permit Description: **BUILDING PERMIT**
Work Class: RESIDENTIAL ADD/ALT
Proposed Use:
Permit Number: 1709180038
Status: PERMISUD
Valuation: \$42,850.00
Contractor Company:
Contractor Name: AMERICAN DREAM DESIGN AND CONSTRUCT

ADJOINING PROPERTY FINDINGS

Date: **5/7/2018**
Permit Type: **ME**
Description: **MECHANICAL FOR (N) BEDROOM AND W.I.C. ADDITION TO (E) SFD & REMODELING (289 SQFT).**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1805070016
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: AMERICAN DREAM DESIGN AND CONSTRUCT

Date: **5/7/2018**
Permit Type: **PL**
Description: **PLUMBING FOR (N) BEDROOM AND W.I.C. ADDITION TO (E) SFD & REMODELING (289 SQFT).**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 1805070024
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: AMERICAN DREAM DESIGN AND CONSTRUCT

ADJOINING PROPERTY FINDINGS

Date: **5/7/2018**
Permit Type: **EL**
Description: **ELECTRICAL FOR (N) BEDROOM AND W.I.C. ADDITION TO (E) SFD & REMODELING (289 SQFT).**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1805070030
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: AMERICAN DREAM DESIGN AND CONSTRUCT

Date: **9/13/2001**
Permit Type: **EL**
Description: **SERVICE UP-GRADE**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0109130041
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

Date: **9/10/2001**
Permit Type: **PL**
Description: **NEW SINK**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 0109100016
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

Date: **9/10/2001**
Permit Type: **BL**
Description: **CHANGE OUT FRONT DOOR, SLIDING GLASS DOORS, CHANGE OUT WINDO WS,
REPLACE EXTERIOR SIDING, & REPLACE DRYWALL IN LIVINGROOM**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 0109100042
Status: FINALED
Valuation: \$3,000.00
Contractor Company:
Contractor Name: OWNER

8012 MILNA AVE

Date: **3/9/2017**
Permit Type: **ME**
Description: **REMOVE OLD WALL HEATER & REPLACE W/NEW ONE LIKE FOR LIKE**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1703090025
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: SPECIALTY A C HEAT, INC.

ADJOINING PROPERTY FINDINGS

8015 MILNA AVE

Date: **1/11/2016**
Permit Type: **BL**
Description: **TEAR OFF EXIST ROOF & REPLACE W/ 30# FELT & 30 YR COMP SHINGLES ON 2200 SQ FT SFD W/ ATT GARAGE.**

Permit Description: **BUILDING PERMIT**
Work Class: **ALTERATION/REPAIR**
Proposed Use:
Permit Number: **1601110040**
Status: **FINALED**
Valuation: **\$6,000.00**
Contractor Company:
Contractor Name: **SIERRA ROOFING**

Date: **3/28/2014**
Permit Type: **ME**
Description: **INSTALL NEW HVAC & FAU W/6 AIR INLETS & OUTLETS**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: **1403280010**
Status: **FINALED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **VARITEK HEATING AND AIR CONDITIONIN**

ADJOINING PROPERTY FINDINGS

Date: **3/28/2014**
Permit Type: **EL**
Description: **1-FAU & 1-A/C UNIT**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1403280018
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: VARITEK HEATING AND AIR CONDITIONIN

8026 MILNA AVE

Date: **7/20/2007**
Permit Type: **BL**
Description: **DRYWALL IN GARAGE**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 0707200044
Status: PERMISUD
Valuation: \$200.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

Date: **6/22/2007**
Permit Type: **BL**
Description: **CONVERT GARAGE BACK TO ORIGINAL USE AS GARAGE ONLY-ALL UNPERMITTED ELECT.,PLUMB.,SEWER & INTERIOR WALL BE REMOVED**

Permit Description: **BUILDING PERMIT**
Work Class: **DEMOLITION**
Proposed Use:
Permit Number: **0706220057**
Status: **PERMISUD**
Valuation: **\$500.00**
Contractor Company:
Contractor Name: **OWNER**

8027 MILNA AVE

Date: **6/21/2006**
Permit Type: **ME**
Description: **ADD MASTER BEDROOM W/ BATH, 1 OTHER BATH, LAUNDRY/STORAGE RM & GREAT ROOM**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: **0606210003**
Status: **FINALED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **OWNER**

ADJOINING PROPERTY FINDINGS

Date: **5/15/2006**
Permit Type: **PL**
Description: **ADD MASTER BEDROOM W/ BATH, 1 OTHER BATH, LAUNDRY/STORAGE RM & GREAT ROOM**

Permit Description: **PLUMBING**
Work Class:
Proposed Use:
Permit Number: 0605150023
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

Date: **5/15/2006**
Permit Type: **EL**
Description: **ADD MASTER BEDROOM W/ BATH, 1 OTHER BATH, LAUNDRY/STORAGE RM & GREAT ROOM**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0605150037
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

Date: **3/27/2006**
Permit Type:
Description: **ADD MASTER BEDROOM W/ BATH, 1 OTHER BATH, LAUNDRY/STORAGE RM & GREAT ROOM**

Permit Description:
Work Class: RESIDENTIAL ADD/ALT
Proposed Use:
Permit Number: 0511030052
Status: FINALED
Valuation: \$53,070.00
Contractor Company:
Contractor Name: OWNER

8032 MILNA AVE

Date: **7/19/2012**
Permit Type: **EL**
Description: **RELOCATE & UPGRADE PANEL TO 100 AMPS**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1207190055
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

Date: **5/15/2002**
Permit Type: **EL**
Description: **SERVICE UP-GRADE**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0205150053
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

8102 MILNA AVE

Date: **11/12/1999**
Permit Type: **EL**
Description: **REPAIR PLUGS**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 9911120025
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: D R G CONSTRUCTION AND DEVELOPMENT

Date: **11/12/1999**
Permit Type: **PL**
Description: **HOSE BIB**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 9911120030
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: D R G CONSTRUCTION AND DEVELOPMENT

ADJOINING PROPERTY FINDINGS

Date: **11/12/1999**
Permit Type: **BL**
Description: **REPLACE CEILING JOISTS & RAFTERS**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 9911120033
Status: PERMISUD
Valuation: \$1,000.00
Contractor Company:
Contractor Name: D R G CONSTRUCTION AND DEVELOPMENT

Date: **11/3/1999**
Permit Type: **BL**
Description: **DRYWALL DEN**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 9911030044
Status: PERMISUD
Valuation: \$2,500.00
Contractor Company:
Contractor Name: D R G CONSTRUCTION AND DEVELOPMENT

8103 MILNA AVE

Date: **9/26/2007**
Permit Type: **EL**
Description: **PANEL UP-GRADE**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0709260019
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: ELECTRITEK

ADJOINING PROPERTY FINDINGS

8109 MILNA AVE

Date: **10/26/2009**
Permit Type: **EL**
Description: **ELECT PERMIT FOR 4-FIXTURES**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: **0910260029**
Status: **FINALED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name:

Date: **1/30/2009**
Permit Type: **PL**
Description: **PLUMBING PERMIT: INSTALL NEW GAS LINE & WATER SERVICE FROM METER TO HOUSE.**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: **0901290007**
Status: **FINALED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

Date: **1/26/2009**
Permit Type: **EL**
Description: **ELECT PERMIT FOR UPGRADE 100AMP SERVICE PANEL**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0901260006
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name:

8113 MILNA AVE

Date: **3/28/2007**
Permit Type: **EL**
Description: **RELOCATE METER & UP-GRADE**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0703280016
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

Date: **1/18/2007**
Permit Type: **ME**
Description: **MASTER BEDROOM W/MSTR BATH, PATIO COVER & REFRAME ROOF**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0701180011
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

Date: **1/18/2007**
Permit Type: **PL**
Description: **MASTER BEDROOM W/MSTR BATH, PATIO COVER & REFRAME ROOF**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 0701180015
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

Date: **1/18/2007**
Permit Type: **EL**
Description: **MASTER BEDROOM W/MSTR BATH, PATIO COVER & REFRAME ROOF**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0701180016
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

Date: **12/4/2006**
Permit Type: **BL**
Description: **MASTER BEDROOM W/MSTR BATH, PATIO COVER & REFRAME ROOF**

Permit Description: **BUILDING PERMIT**
Work Class: RESIDENTIAL ADD/ALT
Proposed Use:
Permit Number: 0610310043
Status: PERMISUD
Valuation: \$46,300.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

8118 MILNA AVE

Date: **3/9/2016**
Permit Type: **CB**
Description: **INSTALL ROOF MOUNTED PV SOLAR SYSTEM (6) PANELS 1.710KW.**

Permit Description: **BUILDING PERMIT**
Work Class:
Proposed Use:
Permit Number: 1603080006
Status: FINALED
Valuation: \$5,500.00
Contractor Company:
Contractor Name: ECOLOGY ELECTRICAL

Date: **3/9/2016**
Permit Type: **EL**
Description: **UPGRADE PANEL TO 200 AMPS**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1603090049
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: ECOLOGY ELECTRICAL

ADJOINING PROPERTY FINDINGS

Date: **2/17/2016**
Permit Type: **BL**
Description: **TEAR OFF EXIST ROOF & REPLACE W/ NEW SHEATHING WHERE NEEDED & SYNTHETIC UNDERLAYMENT W/ O.C. LIFETIME COMP SHINGLES ON 2000 SQ FT SFD W/ ATT GARAGE.**

Permit Description: **BUILDING PERMIT**
Work Class: **ALTERATION/REPAIR**
Proposed Use:
Permit Number: **1602170067**
Status: **FINALED**
Valuation: **\$6,000.00**
Contractor Company:
Contractor Name: **IROOF**

8119 MILNA AVE

Date: **8/19/2011**
Permit Type: **ME**
Description: **C/O SINGLE WALL FURNACE**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: **1108190011**
Status: **FINALED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name:

ADJOINING PROPERTY FINDINGS

8123 MILNA AVE

Date: **6/11/2008**
Permit Type: **ME**
Description: **MECHANICAL PERMIT: INSTALL WALL FURNACE.**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: **0806110005**
Status: **FINALED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **INTER CITY ENERGY**

8124 MILNA AVE

Date: **9/21/2001**
Permit Type: **BL**
Description: **WINDOW CHANGE OUT (3) REPAIR DOOR LANDING, REAR DOOR LATCH & REPAIR PANEL DOOR ON SERVICE PANEL ONLY**

Permit Description: **BUILDING PERMIT**
Work Class: **ALTERATION/REPAIR**
Proposed Use:
Permit Number: **0109210020**
Status: **PERMISUD**
Valuation: **\$2,000.00**
Contractor Company:
Contractor Name: **ALARCON CONSTRUCTION**

ADJOINING PROPERTY FINDINGS

Date: **9/13/2001**
Permit Type: **BL**
Description: **REROOF OVER 1 EXISTING LAYER OF COMP W/SAME-HOUSE & GARAGE**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 0109130020
Status: FINALED
Valuation: \$2,000.00
Contractor Company:
Contractor Name: SPECIALTY ROOFING CO.

Date: **3/18/1997**
Permit Type: **PL**
Description: **GAS MAIN**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 9703180018
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: DON'S PLUMBING AND HEATING

8129 MILNA AVE

Date: **10/28/2008**
Permit Type: **ME**
Description: **MECH PERMIT FOR SINGLE WALL HEATER CHANGE OUT**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0810280019
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: THE VASQUEZ GROUP

ADJOINING PROPERTY FINDINGS

Date: **11/4/1998**
Permit Type: **BL**
Description: **ATTACHED PATIO COVER ONLY**

Permit Description: **BUILDING PERMIT**
Work Class: RESIDENTIAL ADD/ALT
Proposed Use:
Permit Number: 9811040023
Status: FINALED
Valuation: \$5,000.00
Contractor Company:
Contractor Name: OWNER

PIONEER BLVD

8009 PIONEER BLVD

Date: **2/22/2000**
Permit Type: **PL**
Description: **MOP SINK**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 0002220019
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: UNIVERSAL PLUMBING

ADJOINING PROPERTY FINDINGS

Date: **4/20/1999**
Permit Type: **SE**
Description: **CONNECT NEW COMMERCIAL BLDG**

Permit Description: **SEWER PERMIT**
Work Class:
Proposed Use:
Permit Number: 9904200005
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: CEDAR PINE CONSTRUCTION CORP

Date: **4/20/1999**
Permit Type: **ME**
Description: **FOR BL#9802250064**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 9904200014
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: CEDAR PINE CONSTRUCTION CORP

Date: **9/21/1998**
Permit Type: **EL**
Description: **RETAIL COMMERCIAL BLDG 6700 SQ.FT.**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 9805120038
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: CEDAR PINE CONSTRUCTION CORP

ADJOINING PROPERTY FINDINGS

Date: **9/21/1998**
Permit Type: **PL**
Description: **RETAIL COMMERCIAL BLDG 6700 SQ.FT.-#9802250064**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 9809210028
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: CEDAR PINE CONSTRUCTION CORP

Date: **5/19/1998**
Permit Type: **BL**
Description: **RETAIL COMMERCIAL BLDG 6700 SQ.FT.**

Permit Description: **BUILDING PERMIT**
Work Class: NEW COMMERCIAL
Proposed Use:
Permit Number: 9802250064
Status: FINALED
Valuation: \$340,000.00
Contractor Company:
Contractor Name: CEDAR PINE CONSTRUCTION CORP

8017 PIONEER BLVD

Date: **12/27/1999**
Permit Type: **PL**
Description: **2 HAIR SINKS**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 9912270014
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: UNIVERSAL PLUMBING

ADJOINING PROPERTY FINDINGS

8019 PIONEER BLVD

Date: **7/14/2004**
Permit Type: **EL**
Description: **RELOCATE (1) LIGHTING OUTLET**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0407140027
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: CEDAR PINE CONSTRUCTION CORP

Date: **7/14/2004**
Permit Type: **BL**
Description: **REPAIR DAMAGE TO EXISTING BUILDING**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 0407140052
Status: PERMISUD
Valuation: \$2,000.00
Contractor Company:
Contractor Name: CEDAR PINE CONSTRUCTION CORP

ADJOINING PROPERTY FINDINGS

8021 PIONEER BLVD

Date: **5/26/2005**
Permit Type: **BL**
Description: **INSTALL FIRE SUPPRESSION SYSTEM (ANSUL R102) FOR HOOD**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 0505260005
Status: FINALED
Valuation: \$1,500.00
Contractor Company:
Contractor Name: AXIS FIRE PROTECTION

Date: **5/10/2005**
Permit Type: **PL**
Description: **FOR BL #0412200058**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 0505100014
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: G AND S CONSTRUCTION

Date: **4/8/2005**
Permit Type: **ME**
Description: **3 REFRIGERATION COMPRESSORS**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0504080017
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: AIR FREEZE REFRIGERATION

ADJOINING PROPERTY FINDINGS

Date: **4/8/2005**
Permit Type: **EL**
Description: **3 REFRIGERATION COMPRESSORS**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0504080041
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: AIR FREEZE REFRIGERATION

Date: **2/16/2005**
Permit Type: **BL**
Description: **CHANGE OF USE FROM RETAIL TO TAKE-OUT**

Permit Description: **BUILDING PERMIT**
Work Class: TENANT IMPROVEMENT
Proposed Use:
Permit Number: 0412200058
Status: FINALED
Valuation: \$35,000.00
Contractor Company:
Contractor Name: G AND S CONSTRUCTION

Date: **2/16/2005**
Permit Type: **ME**
Description: **FOR BL #0412200058**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0502160006
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: G AND S CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **2/16/2005**
Permit Type: **PL**
Description: **FOR BL #0412200058**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 0502160010
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: G AND S CONSTRUCTION

Date: **2/16/2005**
Permit Type: **EL**
Description: **FOR BL #0412200058**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0502160011
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: G AND S CONSTRUCTION

ADJOINING PROPERTY FINDINGS

8025 PIONEER BLVD

Date: **5/11/2018**
Permit Type: **BL**
Description: **960 SQFT TI EXPANSION TO (E) RESTAURANT: PARTITION WALLS & 8'X8' OPENING & 8'X4' OPENING.**

Permit Description: **BUILDING PERMIT**
Work Class: **TENANT IMPROVEMENT**
Proposed Use:
Permit Number: **1801170031**
Status: **FINALED**
Valuation: **\$86,000.00**
Contractor Company:
Contractor Name: **JUAN RIOS CONSTRUCTION**

Date: **5/11/2018**
Permit Type: **EL**
Description: **ELECTRICAL FOR 960 SQFT TI EXPANSION TO (E) RESTAURANT**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: **1805110011**
Status: **FINALED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **JUAN RIOS CONSTRUCTION**

ADJOINING PROPERTY FINDINGS

Date: **10/17/2000**
Permit Type: **ME**
Description: **INSTALL NEW TYPE 1 GREASE HOOD**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0010170006
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: ALPINE FIXTURES

Date: **8/22/2000**
Permit Type: **BL**
Description: **PROPOSED TAKE OUT RESTAURANT**

Permit Description: **BUILDING PERMIT**
Work Class: COMMERCIAL ADD/ALT
Proposed Use:
Permit Number: 0007210041
Status: FINALED
Valuation: \$20,000.00
Contractor Company:
Contractor Name: MONTEMAYOR CONSTRUCTION

Date: **8/22/2000**
Permit Type: **PL**
Description: **FOR BL#0007210041**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 0008220006
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: MONTEMAYOR CONSTRUCTION

ADJOINING PROPERTY FINDINGS

Date: **8/22/2000**
Permit Type: **EL**
Description: **FOR BL#0007210041**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 0008220008
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: MONTEMAYOR CONSTRUCTION

8051 PIONEER BLVD

Date: **6/20/2002**
Permit Type: **BL**
Description: **T/O EXISTING-INSTALL BUILT-UP GAF CORP/1 BLDG**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 0206200030
Status: PERMISUD
Valuation: \$13,000.00
Contractor Company:
Contractor Name: COMMERCIAL ROOFING SYSTEMS

ADJOINING PROPERTY FINDINGS

8129 PIONEER BLVD

Date: **9/23/2011**
Permit Type: **ME**
Description: **C/O FURNACE/HEATER**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1109230007
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: FOUNDATION MARAVILLA

8135 PIONEER BLVD

Date: **1/21/2015**
Permit Type: **BL**
Description: **TEAR OFF EXIST ROOF & REPLACE W/ 30# FELT & LIFETIME COMP SHINGLES ON DETACHED GARAGE. FEES PAID ON BL1501120056**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 1501210087
Status: FINALED
Valuation: \$1,200.00
Contractor Company:
Contractor Name: SS SALAZAR BUILDERS INC

ADJOINING PROPERTY FINDINGS

Date: **1/12/2015**
Permit Type: **EL**
Description: **RE-WIRE (2) OUTLETS & (1) SWITCH & (1) LIGHT IN GARAGE.**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1501120056
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: SS SALAZAR BUILDERS INC

Date: **1/12/2015**
Permit Type: **BL**
Description: **TEAR OFF EXIST ROOF & REPLACE W/ 30# FELT & LIFETIME COMP SHINGLES ON SFD**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 1501120079
Status: FINALED
Valuation: \$6,000.00
Contractor Company:
Contractor Name: SS SALAZAR BUILDERS INC

Date: **1/6/2015**
Permit Type: **PL**
Description: **INSTALL TOILET, SINK IN NEW 23FT HALF BATHROOM**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 1501050004
Status: PERMISUD
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

ADJOINING PROPERTY FINDINGS

Date: **1/6/2015**
Permit Type: **EL**
Description: **INSTALL LIGHT FIXTURE, EXHAUST FAN, OUTLET IN NEW HALF BATH ROOM**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 1501050005
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: OWNER

Date: **1/6/2015**
Permit Type: **BL**
Description: **CONVERT A PORTION OF (E) LAUNDRY ROOM INTO HALF BATH RM 23SF**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 1501050007
Status: FINALED
Valuation: \$2,000.00
Contractor Company:
Contractor Name: OWNER

Date: **6/13/2007**
Permit Type: **BL**
Description: **WINDOW CHANGE OUT (10) SAME SIZE RETRO-FIT**

Permit Description: **BUILDING PERMIT**
Work Class: ALTERATION/REPAIR
Proposed Use:
Permit Number: 0706130042
Status: FINALED
Valuation: \$5,000.00
Contractor Company:
Contractor Name: THD AT-HOME SERVICES

ADJOINING PROPERTY FINDINGS

8141 PIONEER BLVD

Date: **2/24/2009**
Permit Type: **BL**
Description: **T/O EXISTING ROOF & RE-ROOF W/COMP. SHINGLES(18SQ.) ON HOUSE & DETACH GARAGE 30YRS.**

Permit Description: **BUILDING PERMIT**
Work Class: **ALTERATION/REPAIR**
Proposed Use:
Permit Number: **0902240031**
Status: **FINALED**
Valuation: **\$4,000.00**
Contractor Company:
Contractor Name:

Date: **4/13/1999**
Permit Type: **PL**
Description: **WATER HEATER CHANGE OUT**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: **9904130016**
Status: **FINALED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **XX**

ADJOINING PROPERTY FINDINGS

8147 PIONEER BLVD

Date: **4/20/2011**
Permit Type: **BL**
Description: **C/O EXISTING (9) WINDOWS SAME SIZE**

Permit Description: **BUILDING PERMIT**
Work Class: **ALTERATION/REPAIR**
Proposed Use:
Permit Number: **1104200060**
Status: **PERMISUD**
Valuation: **\$4,500.00**
Contractor Company:
Contractor Name:

PIONEER S BLVD

8039 PIONEER S BLVD

Date: **11/17/1999**
Permit Type: **PL**
Description: **GASLINE**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: **9911170029**
Status: **FINALED**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **CEDAR PINE CONSTRUCTION CORP**

ADJOINING PROPERTY FINDINGS

Date: **4/20/1999**
Permit Type: **SE**
Description: **CONNECT NEW COMMERCIAL BLDG-BL#9802250066**

Permit Description: **SEWER PERMIT**
Work Class:
Proposed Use:
Permit Number: 9904200006
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: CEDAR PINE CONSTRUCTION CORP

Date: **4/20/1999**
Permit Type: **ME**
Description: **FOR BL#9802250066**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 9904200015
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: CEDAR PINE CONSTRUCTION CORP

Date: **5/26/1998**
Permit Type: **PL**
Description: **PLUMBING FIXTURES FOR NEW BLDG.**

Permit Description: **PLUMBING PERMIT**
Work Class:
Proposed Use:
Permit Number: 9805260017
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: CEDAR PINE CONSTRUCTION CORP

ADJOINING PROPERTY FINDINGS

Date: **5/26/1998**
Permit Type: **EL**
Description: **ELECTRICAL WORK FOR RETAIL COMMERCIAL BLDG. 2043 SQ.FT.**

Permit Description: **ELECTRICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: 9805260037
Status: FINALED
Valuation: \$0.00
Contractor Company:
Contractor Name: CEDAR PINE CONSTRUCTION CORP

Date: **5/19/1998**
Permit Type: **BL**
Description: **RETAIL COMMERCIAL BLDG. 2043 SQ.FT.**

Permit Description: **BUILDING PERMIT**
Work Class: NEW COMMERCIAL
Proposed Use:
Permit Number: 9802250066
Status: FINALED
Valuation: \$104,000.00
Contractor Company:
Contractor Name: CEDAR PINE CONSTRUCTION CORP

ADJOINING PROPERTY FINDINGS

WADDELL ST

10905 WADDELL ST

Date: **11/7/2013**
Permit Type: **ME**
Description: **C/O WALL HEATER SAME LOCATION**

Permit Description: **MECHANICAL PERMIT**
Work Class:
Proposed Use:
Permit Number: **1311070014**
Status: **PERMISUD**
Valuation: **\$0.00**
Contractor Company:
Contractor Name: **SYNGREGY MECHANICAL**

GLOSSARY

General Building Department concepts

- **ICC:** The International Code Council. The governing body for the building/development codes used by all jurisdictions who've adopted the ICC guidelines. MOST of the US has done this. Canada, Mexico, and other countries use ICC codes books and guides as well. There are a few states who have added guidelines to the ICC codes to better fit their needs. For example, California has added seismic retrofit requirements for most commercial structures.
- **Building Department (Permitting Authority, Building Codes, Inspections Department, Building and Inspections):** This is the department in a jurisdiction where an owner or contractor goes to obtain permits and inspections for building, tearing down, remodeling, adding to, re-roofing, moving or otherwise making changes to any structure, Residential or Commercial.
- **Jurisdiction:** This is the geographic area representing the properties over which a Permitting Authority has responsibility.
- **GC:** General Contractor. Usually the primary contractor hired for any Residential or Commercial construction work.
- **Sub:** Subordinate contracting companies or subcontractors. Usually a "trades" contractor working for the GC. These contractors generally have an area of expertise in which they are licensed like Plumbing, Electrical, Heating and Air systems, Gas Systems, Pools etc. (called "trades").
- **Journeyman:** Sub contractors who have their own personal licenses in one or more trades and work for different contracting companies, wherever they are needed or there is work.
- **HVAC (Mechanical, Heating & Air companies):** HVAC = Heating, Ventilation, and Air Conditioning.
- **ELEC (Electrical, TempPole, TPole, TPower, Temporary Power, Panel, AMP Change, Power Release):** Electrical permits can be pulled for many reasons. The most common reason is to increase the AMPs of power in an electrical power panel. This requires a permit in almost every jurisdiction. Other commons reason for Electrical permits is to insert a temporary power pole at a new construction site. Construction requires electricity, and in a new development, power has yet to be run to the lot. The temporary power pole is usually the very first permit pulled for new development. The power is released to the home owner when construction is complete and this sometimes takes the form of a Power Release permit or inspection.
- **"Pull" a permit:** To obtain and pay for a building permit.
- **CBO:** Chief Building Official
- **Planning Department:** The department in the development process where the building /structural plans are reviewed for their completeness and compliance with building codes
- **Zoning Department:** The department in the development process where the site plans are reviewed for their compliance with the regulations associated with the zoning district in which they are situated.
- **Zoning District:** A pre-determined geographic boundary within a jurisdiction where certain types of structures are permitted / prohibited. Examples are Residential structure, Commercial/Retail structures, Industrial/Manufacturing structures etc. Each zoning district has regulations associated with it like the sizes of the lots, the density of the structures on the lots, the number of parking spaces required for certain types of structures on the lots etc.
- **PIN (TMS, GIS ID, Parcel#):** Property Identification Number and Tax Map System number.
- **State Card (Business license):** A license card issued to a contractor to conduct business.
- **Building Inspector (Inspector):** The inspector is a building department employee that inspects building construction for compliance to codes.
- **C.O.:** Certificate of Occupancy. This is the end of the construction process and designates that the owners now have permission to occupy a structure after its building is complete. Sometimes also referred to as a Certificate of Compliance.

GLOSSARY

Permit Content Definitions

- Permit Number: The alphanumerical designation assigned to a permit for tracking within the building department system. Sometimes the permit number gives clues to its role, e.g. a "PL" prefix may designate a plumbing permit.
- Description: A field on the permit form that allows the building department to give a brief description of the work being done. More often than not, this is the most important field for EP's to find clues to the prior use(s) of the property.
- Permit Type: Generally a brief designation of the type of job being done. For example BLDG-RES, BLDG-COM, ELEC, MECH etc.

Sample Building Permit Data

Date: Nov 09, 2000

Permit Type: Bldg -

New Permit Number: 101000000405

Status: Valuation: \$1,000,000.00

Contractor Company: OWNER-BUILDER

Contractor Name:

Description: New one store retail (SAV-ON) with drive-thru pharmacy. Certificate of Occupancy.

WHITTIER AQUATICS CENTER
10800 BEN AVON STREET
WHITTIER, CA 90606

Inquiry Number: 5508191.7S
DECEMBER 17, 2018

EDR Environmental Lien and AUL Search



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

WHITTIER AQUATICS CENTER
10800 BEN AVON STREET
WHITTIER, CA 90606

RESEARCH SOURCE

Source 1: LOS ANGELES COUNTY RECORDER'S OFFICE
Source 2: CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
Source 3: UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

PROPERTY INFORMATION

Deed 1

Type of Deed: NA
Title is vested in: WHITTIER UNION HIGH SCHOOL DISTRICT
Title received from: NA
Date Executed: NA
Date Recorded: PRIOR TO 1980
Book: NA
Page: NA
Volume: NA
Instrument#: NA
Docket: NA
Land Record Comments: NA
Miscellaneous Comments: NO DEED IMAGE

Legal Description: RANCHO PASO DE BARTOLO FINALLY CONFIRMED TO JOQUINA SEPULVEDA THAT PART IN CONSOLIDATED SEWER MAINT DIST OF LOT COM AT MOST E COR OF TR # 16702 TH S 2208' 58" W 60 FT TH S 6750' E 141.41 FT TH TO BEG

Current Owner: WHITTIER UNION HIGH SCHOOL DISTRICT

Property Identifiers: 8177-019-902

Comments: NA

EDR Environmental Lien and AUL Search

ENVIRONMENTAL LIEN

Environmental Lien: Found Not Found

If Found:

1st Party: NA
2nd Party: NA
Dated: NA
Recorded: NA
Book: NA
Page: NA
Docket: NA
Volume: NA
Instrument #: NA
Comments: NA
Miscellaneous: NA

OTHER ACTIVITY AND USE LIMITATIONS (AULS)

Other AUL's: Found Not Found

If Found:

1st Party: NA
2nd Party: NA
Dated: NA
Recorded: NA
Book: NA
Page: NA
Docket: NA
Volume: NA
Instrument #: NA
Comments: NA
Miscellaneous: NA

EDR Environmental Lien and AUL Search

MISCELLANEOUS

Type of Instrument: NONE IDENTIFIED

First Party:

Second Party:

Date Executed:

Date Recorded:

Instrument #:

Book:

Page:

Comments:

Whittier Aquatics Center

10800 Ben Avon Street
Whittier, CA 90606

Inquiry Number: 5508191.6
December 10, 2018

The EDR Property Tax Map Report

EDR Property Tax Map Report

Environmental Data Resources, Inc.'s EDR Property Tax Map Report is designed to assist environmental professionals in evaluating potential environmental conditions on a target property by understanding property boundaries and other characteristics. The report includes a search of available property tax maps, which include information on boundaries for the target property and neighboring properties, addresses, parcel identification numbers, as well as other data typically used in property location and identification.

Thank you for your business.

Please contact EDR at 1-800-352-0050
with any questions or comments.

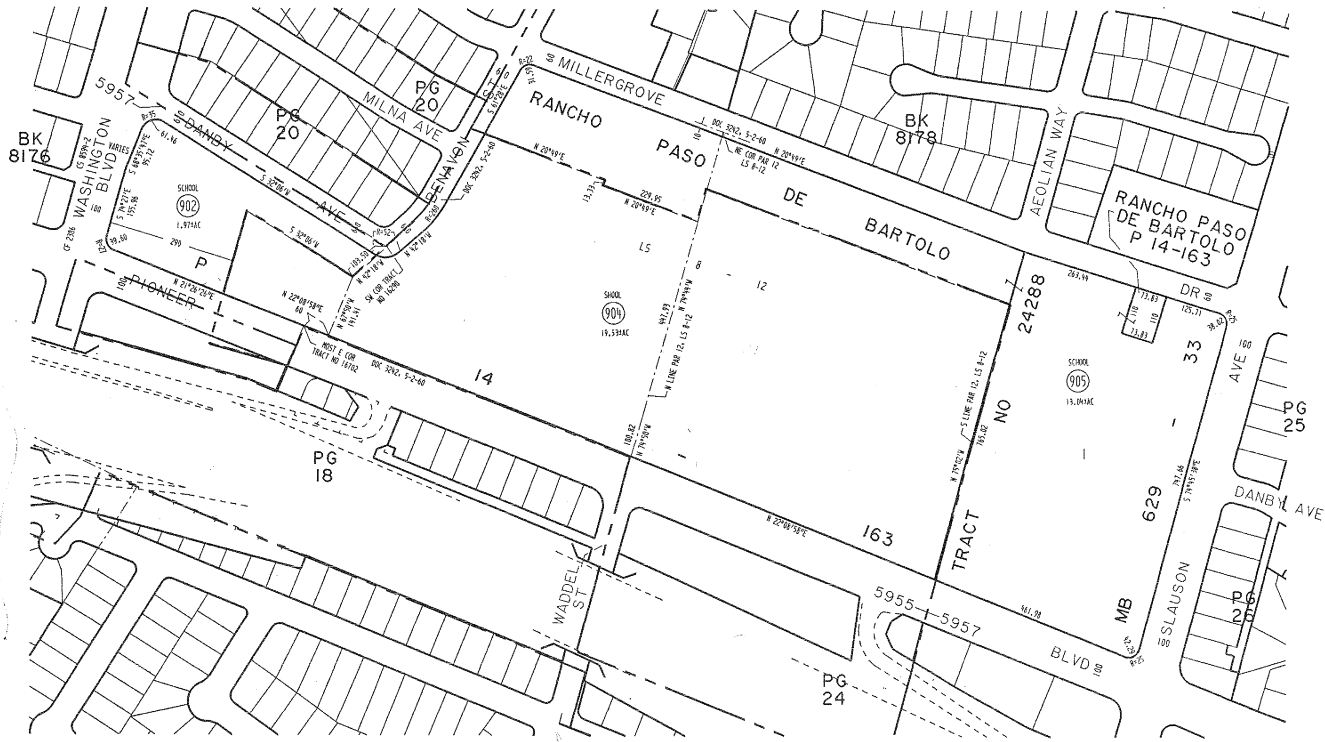
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1992



APPENDIX G

City Directory Report

Whittier Aquatics Center

10800 Ben Avon Street
Whittier, CA 90606

Inquiry Number: 5508191.5
December 20, 2018

The EDR-City Directory Image Report

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Executive Summary

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City Directory Images

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report 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 Report includes a search of available city directory data at 5 year intervals.

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. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Target Street</u>	<u>Cross Street</u>	<u>Source</u>
2014	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2010	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2005	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
2000	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1995	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1992	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	EDR Digital Archive
1986	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1980	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1975	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Haines Criss-Cross Directory
1972	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
1966	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Polk's City Directory
1962	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Whittier Directory Co

FINDINGS

TARGET PROPERTY STREET

10800 Ben Avon Street
Whittier, CA 90606

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
-------------	-----------------	---------------

BEN AVON ST

2014	pg A1	EDR Digital Archive	
2010	pg A8	EDR Digital Archive	
2005	pg A14	EDR Digital Archive	
2000	pg A20	EDR Digital Archive	
1995	pg A26	EDR Digital Archive	
1992	pg A31	EDR Digital Archive	
1986	pg A35	Haines Criss-Cross Directory	
1980	pg A40	Haines Criss-Cross Directory	
1975	pg A45	Haines Criss-Cross Directory	
1972	-	Polk's City Directory	Target and Adjoining not listed in Source
1966	pg A54	Polk's City Directory	
1966	pg A55	Polk's City Directory	
1962	pg A59	Whittier Directory Co	

FINDINGS

CROSS STREETS

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
<u>DANBY AVE</u>		
2014	pg. A2	EDR Digital Archive
2010	pg. A9	EDR Digital Archive
2005	pg. A15	EDR Digital Archive
2000	pg. A21	EDR Digital Archive
1995	pg. A27	EDR Digital Archive
1992	pg. A32	EDR Digital Archive
1986	pg. A36	Haines Criss-Cross Directory
1986	pg. A37	Haines Criss-Cross Directory
1980	pg. A41	Haines Criss-Cross Directory
1980	pg. A42	Haines Criss-Cross Directory
1975	pg. A46	Haines Criss-Cross Directory
1975	pg. A47	Haines Criss-Cross Directory
1972	pg. A50	Polk's City Directory
1972	pg. A51	Polk's City Directory
1966	pg. A56	Polk's City Directory
1962	pg. A60	Whittier Directory Co
1962	pg. A61	Whittier Directory Co
1962	pg. A62	Whittier Directory Co

PIONEER BLVD

2014	pg. A6	EDR Digital Archive
2010	pg. A12	EDR Digital Archive
2005	pg. A18	EDR Digital Archive
2000	pg. A24	EDR Digital Archive
1995	pg. A29	EDR Digital Archive
1992	pg. A33	EDR Digital Archive
1986	pg. A38	Haines Criss-Cross Directory
1980	pg. A43	Haines Criss-Cross Directory
1975	pg. A48	Haines Criss-Cross Directory
1972	pg. A52	Polk's City Directory
1966	pg. A57	Polk's City Directory
1962	pg. A63	Whittier Directory Co

FINDINGS

Year CD Image Source

WASHINGTON BLVD

2014	pg. A7	EDR Digital Archive
2010	pg. A13	EDR Digital Archive
2005	pg. A19	EDR Digital Archive
2000	pg. A25	EDR Digital Archive
1995	pg. A30	EDR Digital Archive
1992	pg. A34	EDR Digital Archive
1986	pg. A39	Haines Criss-Cross Directory
1980	pg. A44	Haines Criss-Cross Directory
1975	pg. A49	Haines Criss-Cross Directory
1972	pg. A53	Polk's City Directory
1966	pg. A58	Polk's City Directory
1962	pg. A64	Whittier Directory Co

City Directory Images

BEN AVON ST 2014

10503 GALLEGOS, WILLIAM M
10507 HERNANDEZ, JORGE I
10508 SANCHEZ, HECTOR U
10512 VALDEZ, FERNANDO
10513 OCCUPANT UNKNOWN,
10517 SANCHEZ, RANDOLPH E
10518 OCCUPANT UNKNOWN,
10521 CARDENAS, IGNACIO M
10522 PALACIOS, EDDIE
10527 GARCIA, GEORGE A
10528 RODRIGUEZ, JOSE E
10531 MUNOZ, JOSEPH
10534 LARIOS, VICTOR
10537 JAUREGUI, MARIA
10538 SANCHEZ, ANGEL
10543 ESPARZA, AGUSTIN T
10544 CROUCH, REBECCA J
10800 REGIONAL OCCUPATIONAL PROGRAM
SANTA FE SPRINGS LIONS CLUB
WHITTIER UNION HIGH SCHL DIST
10835 JIMENEZ, FRANK
10910 SANDOVAL, RUBEN
10913 MILLER, REBECCA L
10916 HERNANDEZ, LUIS
10918 RAMIREZ, REBECCA
10926 WILLIAMS, DONALD K
10932 GONZALEZ, BENEDICTO R
10938 BUSTAMANTE, JORGE J
10940 CARROLL, ALEX A
10944 SALCEDO, MONICA

DANBY AVE 2014

5700 LAW FOR HOMES
NOGALES, MELVIN
5702 OCCUPANT UNKNOWN,
5703 VARGAS, BERNICE
5708 SEGOVIANO, ANTONIO
5709 SOLIS, CAMILO B
5712 MIRANDA, CHRISTINA T
5713 OCCUPANT UNKNOWN,
6103 JUAREZ, JOSE L
6107 SALAS, HECTOR
6113 GONZALEZ, RUBEN
OCCUPANT UNKNOWN,
6117 HOLGUIN, CHRISTOPHER D
6120 ARAGON, CESAR A
CONSTRUCTION AND PAINTING
6121 VASQUEZ, JERRY J
6123 1LUCKY BREAK
ORTIZ, CASSANDRA
6126 MARTINEZ, LIZETH
6127 LOPEZ, ANTHONY
OCCUPANT UNKNOWN,
6129 MARTINEZ, MICHAEL E
TREJO, JUAN
6130 GARDEA, RAYMOND
6132 NATIVIDAD, ARMANDO P
6133 CANALES, CESAR
MALDONADO, NOREEN
6135 HOLGUIN, ELIZABETH
6200 CANALES, RICHARD G
6201 LARA, LOUIE A
6208 SOLANO, FRANCISCO P
6209 EASTWOOD, MARTIN
6212 PLATA, CARLOS P
6213 TOSCANO, BLANCA E
6218 ALAMAILLA, R
6219 OCCUPANT UNKNOWN,
6302 OCCUPANT UNKNOWN,
6303 NUANES, DEANNA D
6309 PUENTEZ, SARAH
6310 MCCOLLEY, CARMEN
6313 GRIJALVA, MARIBEL S
6318 VILLANUEVA, MIKE V
6319 CALVIN JETT
JETT, CALVIN E
6323 OCCUPANT UNKNOWN,
6403 CORREA, HILARIO D
6407 TISCARENO, ALFRED A
6413 GARCIA, JESSE S
6418 PRILLWITZ, BERTA D
6419 BLANCO, ERNEST A

DANBY AVE 2014 (Cont'd)

6425 LOZA, MADIAN
6426 OCCUPANT UNKNOWN,
6431 CAMPOS, ALFRED J
6434 M&M MOBILE CAR WASH
ROJAS, EPIFIANIO
6435 HERRERA, MOISES M
6439 JUMPERS
MACIAS, RAMON
6445 ZEPEDA, FERNANDO L
6451 BAEZA, ALFONSO
6503 OSUNA, NARCISO A
6515 SAVARINO, ROBERT C
6516 GUEVARA, MANUEL
6519 GONZALEZ, CESAR
6603 CHAVEZ, ERNESTO
6607 RODRIGUEZ, VERONICA
6613 LARA, RAYMOND
6623 GUERRERO, SALVADOR
7600 VIOLANTE, MARIA G
7603 BRIBIESCAS, ANGEL S
PRUDENTIAL CAL UPTOWN RLTY
7606 MARTINEZ, EUGENE I
7612 GARIBAY, IGNACIO A
7613 RAMIREZ, TOMMY
7616 GARIBAY, ARTURO
7619 ESTRADA, GLORIA M
7620 FRIEDMAN, RANDY S
7624 BABCOCK, JM M
7629 SANCHEZ, RIGOBERTO C
7630 DELAGARZA, JUAN R
7634 FURLAN, VANESSA A
7637 BRIBIESCAS, ASCENSION G
7640 DOMINGUEZ, BERTHA M
7642 ALVAREZ, JESUS F
7645 DELAGARZA, JOHN R
7648 RODRIGUEZ, PAUL
7651 JIMENEZ, ALEJANDRO
7654 SOLIS, SOCORRO
7657 CONTRERAS, CARLOS
7703 FLASKERUD, ALYSSA
7704 JIMENEZ ROAD SERVICE
JIMENEZ, ROBERTO
7709 GARCIA, ROBERTO
7710 MENDEZ, EDUARDO M
7714 LOPEZ, REY
7715 GRANADOS, EDMUND B
7719 MANZANARES, RALPH M
7720 CATALINA PEST CONTROL INC
HURTADO, ELVIRA
7725 SARABIA, ROBERT L

DANBY AVE 2014 (Cont'd)

- ✓

7730	SOTELLO, JOHN R
7731	KIM, DEMETRIOUS A
7736	GARZA, ESTHER A
7737	BARRIOS, DANIEL E
7743	LOPEZ, ANGELICA M
7746	OCCUPANT UNKNOWN,
7747	HERNANDEZ, ANTHONY
7752	ROBINSON, CECILIA C
7753	HERNANDEZ, ARTURO B
7802	WEBB, KATIE T
7803	SANTILLAN, JENESSEE
7808	BACLIG, FILOMIN A HOPEBOAT FILMS
7809	FONSECA, DANIEL C
7812	FONSECA, LUIS A
7815	MONDRAGON, SANDRA
7818	SCIANNI, JAMES A
7819	NOSSETT, JAMES J
7822	JACOBO, BENJAMIN A
7825	HERAS, SANTANA M
7828	GUTIERREZ, RUTH L
7831	MUNOZ, MIRIAM T
7834	RAZO, SALVADOR B
7837	OCHOA, JAVIER R
8010	HERNANDEZ, IVAN
8016	HERRERA, JUAN L
8020	AREVALO, ROBERTO G
8026	CISNEROS, DANNY C
8032	FLORES, FRANCISCO J KNIGHTS SECURITY SERVICES
8102	NAUDIN, RAYMOND A
8106	MORA, YVETTE
8112	HUNT, MICHAEL W
8118	MADRIGAL, MIGUEL A
8124	BACLIG, FRANCISCA A
8507	MORINO, JOE S
8521	OCCUPANT UNKNOWN,
8527	MONTERO AUTO REPAIR YOUNG, KHADINE L
8603	RODELO, TIMOTHY D
8604	VALADEZ, ALEJANDRA
8607	DELRIO, ANTHONY
8608	GARDNER, ROBERT P
8613	RIVERA, MARCOS L
8614	SIFUENTES, FELIX C
8619	THOMPSON, LINDA A
8620	ARELLANO, HUGO
8625	VALADEZ, JUAN A
8626	ORTEGA, RUBEN A
8629	PRICKETT, JAMES T

DANBY AVE 2014 (Cont'd)

8630 ACOSTA, ALICIA T
8633 GONZALEZ, SAUL C

PIONEER BLVD 2014

7831 BAQUEIRO, ERNESTO A
7834 MARTINEZ, CARMEN C
7837 OSORIO, MARIA H
7840 L M SERVICES
7841 MAIER, ESTHER A
8011 MR SECURITY
8017 ARIANNAS BEAUTY SALON
8019 NAILS SPA
8021 FELIXITY
8025 LAS CHINAMPAS
8051 RUSSAIN RESILIENT UNION 1247
8131 REYES, DAVID P

WASHINGTON BLVD 2014

10690 CEDAR PINE CONSTRUCTION CORP
10703 CUEVA, FERNANDO X
10808 MACEDONIO, ABRAHAM
10820 IGNACIO, RAFAEL A
10922 VASQUEZ, VICTOR
10934 OCCUPANT UNKNOWN,
11000 FIRST FUNDAMENTAL BIBLE CHURCH
11025 RAUL USED LEXUS PARTS
11036 A & B FOODMART INC
LEGACY HOMECARE INC
PRIME LIQUOR MART
11038 EXCELLENCE REALTY
J J & ASSOCIATES
11044 EXPRESS DPS
NEW CENTURY HR LAC INC
11048 DENTAL OFFICE
11116 TIO ROBBYS INC

BEN AVON ST 2010

10503 CASILLAS, ALBERT
10507 HERNANDEZ, JORGE H
10508 SANCHEZ, HECTOR V
10513 CHAVERRA, LEANDRO A
10517 SANCHEZ, RANDOLPH E
10518 OCCUPANT UNKNOWN,
10521 CARDENAS, IGNACIO M
10522 OROZCO, ALBERTO G
10527 GARCIA, GEORGE A
10528 CRUZ, LUIS
10531 MUNOZ, JOSEPH
10534 LARIOS, VICTOR
10537 JAUREGUI, SILVIA
10538 GONZALEZ, MARIA
10543 ESPARZA, AGUSTIN T
10544 CROUCH, REBECCA J
10800 CALIFORNIA TENT
WHITTIER UNION HIGH SCHL DIST
10835 JIMENEZ, CYNTHIA
10910 SANDOVAL, RUEBEN A
10913 MILLER, REBECCA L
10916 GALLARDO, JOSE G
10918 RAMIREZ, REBECCA
10926 WILLIAMS, DONALD K
10932 CAMPOS, THEODORE
10938 BUSTAMANTE, JORGE J
10940 CARROLL, ALICE A
10944 OCCUPANT UNKNOWN,

DANBY AVE 2010

5702 LIFE AND WELLNESS
MO LOVE MUSIC
OCCUPANT UNKNOWN,
5708 SALASAR, EILEEN A
5709 SOLIS, CAMILO B
5712 KERRY, JASON R
5713 GARCIA, CORINA M
6103 GARCIA, ROGELIO G
6107 RAMIREZ, LORENZO B
6113 LATINO USA FOOD BROKER INC
6117 PICO ALEX
PICO, ALEXANDER E
6120 AGUILAR, JOHN P
6121 VASQUEZ, JERRY J
6123 ORTIZ, CASSANDRA
6127 LOPEZ, ANTHONY
OCCUPANT UNKNOWN,
6129 OCCUPANT UNKNOWN,
6130 FABIO, ROBERT L
6132 NATIVIDAD, ARMANDO P
6135 MONTEZ, NOREEN S
6200 OCCUPANT UNKNOWN,
6201 LARA, LOUIE A
6208 SOLANO, FRANCISCO P
6209 EASTWOOD, MARTIN
6212 PLATA, CARLOS M
6213 TOSCANO, BLANCA E
6218 PALACIOS, RICHARD N
6219 ORNELAS, MARCOS
6225 MERCADO, ISIDRO L
6302 MARTINEZ, ORLANDO
6303 NUANES, DEANNA D
6309 PUENTEZ, SARAH
6310 MCCOLLEY, CARMEN
6313 OCCUPANT UNKNOWN,
6318 VILLANUEVA, MIKE V
6319 CALVIN JETT
JETT, CALVIN E
6323 OCCUPANT UNKNOWN,
6403 HONG, PAUL
6413 GARCIA, JESSE S
6418 NAVARRO, ALEJANDRO
6419 BLANCO, ERNEST A
6425 LOZA, JUAN M
6431 QUINTANA, JUAN C
6434 ROJAS, EPIFIANIO
6439 JUMPERS
MACIAS, RAMON
6445 VERDUZCO, RENATO J
6451 BAEZA, ALFONSO

DANBY AVE 2010 (Cont'd)

6503 HERNANDEZ, FERNANDO A
6511 GUTIERREZ, YOLANDA
6515 GONZALEZ, MIGUEL
6516 GUEVARA, MANUEL
6519 GONZALEZ, CESAR
6603 MIURA, CATHRYN R
6607 RODRIGUEZ, JESSE
6613 OCCUPANT UNKNOWN,
6617 DUNN, ASHLEY
6623 GUERRERO, SALVADOR A
6627 SILVA, ALINE V
7600 OCCUPANT UNKNOWN,
7603 BRIBIESCAS, ANGEL G
7606 MARTINEZ, PETER M
7612 GARIBAY, IGNACIO A
7613 OCCUPANT UNKNOWN,
7616 GARIBAY, ARTURO
VASQUEZ, RAFAEL A
7619 ESTRADA, DANIEL L
7620 RAMOS, LUIZ S
7624 KERRO, JANNA M
7629 SANCHEZ, DOLORES G
7630 GARZA, JUAN
7634 SOTO, ADRIAN
7637 OCCUPANT UNKNOWN,
7640 DOMINGUEZ, BERTHA M
7642 ALVAREZ, JESUS M
7645 DELAGARZA, JOHN R
7651 JIMENEZ, ALEJANDRO
7654 OCCUPANT UNKNOWN,
7657 SILVA, ANGELA E
7703 ZAVALA, MARIO A
7704 JIMENEZ, ROBERTO
7709 GARCIA, ROBERTO
7710 MENDEZ, EDUARDO M
7714 WUETHRICH, ALLAN L
7719 MANZANARES, RALPH M
7720 CATALINA PEST CONTROL INC
SMALL, FRANCES
7725 OCCUPANT UNKNOWN,
SARABIAS TRANSPORT
7726 CARDOSO, MARIA
7730 SOTELLO, JOHN R
7731 KIM, DEMETRIOUS
7736 GARZA, ESTHER A
7737 ARELLANO, CESAR
7743 LOPEZ, ANGELICA M
7747 HERNANDEZ, JOAQUIN A
7753 HERNANDEZ, MARISA B
7802 OCCUPANT UNKNOWN,

DANBY AVE 2010 (Cont'd)

7803 JOSHS DRYWALL SERVICES
SANTILLAN, JOSHUA I
7808 BACLIG, FILOMIN A
HOPEBOAT FILMS
7809 SAENZ, DENNIS
7812 FONSECA, ROSA M
7815 LOIACANO, PATRICIA
7818 SCIANNI, JAMES A
7819 NOSSETT, JAMES J
7822 OCCUPANT UNKNOWN,
7825 HERAS, SANTANA M
7828 OCCUPANT UNKNOWN,
7831 MUNOZ, MIRIAM T
7834 RAZO, SALVADOR B
7837 OLADE, JAVIER O
8010 RIVERA, CHARLES E
8016 HERRERA, JUAN L
8020 RIVAS, JUAN F
8026 CISNEROS, DANNY C
8032 FLORES, FRANCISCO J
8102 NAUDIN, RAYMOND A
8106 AVILA, ARTURO G
8112 HUNT, MICHAEL W
USMC
8118 OCCUPANT UNKNOWN,
8124 ANTONIO, LYDIA T
RM IDEAL SOURCE PREMIUM CORP
8507 MORINO, JOE S
8521 CARRILLO, JOSEFINA
8527 LAMBERT, KHADINE
8603 RODELO, RAUL W
8604 LOPEZ, SAMUEL O
8607 FAGAN, NADINE
8608 GARDNER, ROBERT P
8613 MACIAS, CIRILO A
8614 SIFUENTES, MICHAEL S
8619 THOMPSON, LINDA A
8620 ARELLANO, HUGO
8625 VALADEZ, JUAN F
8626 ORTEGA, RUBEN A
8629 PRICKETT, JAMES T
8630 ACOSTA, JESUS G
8633 CORTEZ, JUBELINA

PIONEER BLVD 2010

7831	BAQUEIRO, ERNESTO A
7834	MARTINEZ, CARMEN C
7837	OSORIO, MARIA H
7840	L M SERVICES
7841	OCCUPANT UNKNOWN,
8011	MR SECURITY
	STANTON ENTERPRISES
8013	P3 COMMUNICATIONS
8015	INTERNATIONAL PTY SUP 99 CENTS
	PIONEER BICYCLE
8017	ARIANNAS BEAUTY SALON
8019	NAILS SPA
8021	OSCAR VARGAS
	TINAS & TONY S
8023	MONUMENT SECURITY

WASHINGTON BLVD 2010

10690 CEDAR PINE CONSTRUCTION CORP
10703 CUEVA, ZOILA
10808 CHAVEZ, EMIGDIO R
10820 AGUIRRE, OSCAR
10906 CROSS, MONIQUE M
10934 HERNANDEZ, HEBER L
11000 BRETHREN PRE SCHOOL
FIRST FUNDAMENTAL BIBLE CHURCH
11025 AMERICAN ROYAL PETROLEUM INC
WASHINGTON 76
11036 A & B FOODMART INC
LEGACY HOMECARE INC
PRIME LIQUOR MART
WHITT-SPRINGS LIQUOR
11038 EXCELLENCE REALTY
J J & ASSOCIATES
SOUTHLAND MORTGAGE GROUP
11040 TOOTH FAIRY DENTAL GROUP
11044 HIDALGO TAX SERVICE
11048 DENTAL OFFICE
SANTA CRUZ DENTAL

BEN AVON ST 2005

10507 HERNANDEZ, JORGE H
10508 SANCHEZ, HECTOR U
10512 OCCUPANT UNKNOWN,
10513 LUGO, JORGE A
10517 SANCHEZ, RANDOLPH E
10518 OCCUPANT UNKNOWN,
10521 OCCUPANT UNKNOWN,
10522 OROZCO, ALBERTO G
10527 GARCIA, GEORGE A
10528 RODRIGUEZ, MARIA S
10531 MUNOZ, GUILLERMO M
10534 GOMEZ, LUCILA
10537 OCCUPANT UNKNOWN,
10538 ARRIOLA, VIDAL
10543 ESPARZA, AGUSTIN T
10544 JORGE, V
10800 CARS NET
WHITTIER UNION HIGH SCHOOL DST
WHITTR CHRYSLER
10835 JIMENEZ, CYNTHIA
10910 SANDOVAL, RUEBEN A
10913 MACCAMACHO, MAC
MILLER, REBECCA L
MORLEY, ANN T
10916 GALLARDO, JOSE M
10918 RAMIREZ, REBECCA
10926 WILLIAMS, DONALD K
10932 VERDUZCO, JOHNNY
10938 BUSTAMANTE, JORGE
10944 OCCUPANT UNKNOWN,

DANBY AVE 2005

5700 GARNICA, ROBERT
5703 OCCUPANT UNKNOWN,
5708 SALASAR, EILEEN A
5709 SOLIS, CAMILO B
5712 ARELLANO, HENRIETTA F
5713 GARCIA, CORRINA
6103 SERNA, HECTOR A
6107 OCCUPANT UNKNOWN,
6113 LATINO USA FOOD BROKER INC
VERDUGO, DION E
6117 PICO ALEX
PICO, KATHRYN A
6120 AGUILAR, CUTBERTO
6121 VASQUEZ, JOSE M
6127 GOMEZ, ANTONIA
OCCUPANT UNKNOWN,
6129 MARTINEZ, MICHAEL E
OCCUPANT UNKNOWN,
6130 FABIO, ROBERT
6132 NATIVIDAD, ARMANDO P
OVANDO, BERTHA
6133 HOLCOMBA, EUSTOLIA D
6135 MONTEZ, NOREEN S
6200 OCCUPANT UNKNOWN,
6201 LARA, LOUIE A
6208 SOLANO, FRANCISCO P
6212 PLATA, CARLOS M
6213 TOSCANO, BLANCA E
6218 MARCY INDUSTRIES
PALACIOS, RICHARD
6219 REVELES, ATANACIO A
6225 CASTANEDA, VICTOR
6302 MARTINEZ, ORLANDO
6303 NUANES, DEBORAH D
6309 PUENTEZ, SARAH
6310 MCCOLLEY, CARMEN
6313 AREVALO, SALVADOR O
6318 VILLANUEVA, MIKE V
6319 JETT, CALVIN E
6323 VARELA, CAROLINA
6403 MAGANA, ESPERANZA
6413 GARCIA, JESSE S
6418 NAVARRO, ALEJANDRO
6419 BLANCO, ERNEST A
SPECIAL NEEDS TUTORING PROGRAM
6425 LOZA, JUAN M
6426 OCCUPANT UNKNOWN,
6431 CAMPOS, ALFRED
6434 CONTRERAS, MARTIN
6435 HERRERA, MOISES M

DANBY AVE 2005 (Cont'd)

6445 OCCUPANT UNKNOWN,
6451 GOMEZ, JERRY
6503 MARTINEZ, GUADALUPE
6511 DURAN, ISABEL
6515 GONZALEZ, MIGUEL
6516 GOMEZ, MICHAEL E
6519 GONZALEZ, CESAR
6603 MIURA, CATHRYN R
6607 RODRIGUEZ, JESSE
6613 LARA, RAYMOND J
6623 GUERRERO, SALVADOR A
6627 DEJESUS, MARIA I
7600 REYES, CARLOS M
7603 BRIBIESCAS, DOLORES G
7606 MARTINEZ, EUGENE M
7612 ROBLES, JESUS
7613 OCCUPANT UNKNOWN,
7616 GARIBAY, ARTURO
VASQUEZ, RAFAEL A
7619 ESTRADA, DANIEL L
7620 RAMOS, LUIZ S
7624 BABCOCK, LOVA M
7629 SANCHEZ, DOLORES G
7630 DELAGARZA, MICHAEL
7637 OCCUPANT UNKNOWN,
7640 DOMINGUEZ, BERTHA M
7642 OCCUPANT UNKNOWN,
7645 VILLARREAL, LISA M
7648 OCCUPANT UNKNOWN,
7651 IMP Y EXP DE CALIF
JIMENEZ, ALEJANDRO
7654 SOLIS, SOCORRO
7657 CONTRERAS, CARLOS
7703 OCCUPANT UNKNOWN,
7709 GARCIA, RUBEN
7710 MENDEZ, EDUARDO M
7714 WUETHRICH, ALLAN L
7719 MANZANARES, RALPH A
7720 PEREA, PAUL A
7725 SARABIA, ROBERT L
SARABIAS TRANSPORT
7730 SOTELLO, MARY L
7731 GARCIA, GABRIEL G
7736 OCCUPANT UNKNOWN,
7737 ARELLANO, CESAR
7740 RUIZ, RONALD E
7743 VILLARREAL, ESTELA
7747 HERNANDEZ, JOAQUIN A
7752 GONZALEZ, ELOY R
7753 HERNANDEZ, ARTHUR L

DANBY AVE 2005 (Cont'd)

7803	SANDOVAL ENGINEERING SANDOVAL, KARL M
7808	BACLIG, FILOMIN A HOPEBOAT FILMS
7815	WILDS, MELANIE K
7818	SCIANNI, JAMES A
7819	WORLEY, DOROTHY F
7822	JACOBO, ESTELA S
7825	AGUIRRE, ELISEO
7828	NEW LIFE FELLOWSHIP - WHITTIER OCCUPANT UNKNOWN,
7834	RAZO, ALBERT L
7837	OLALDE, JAVIER O
8010	JIMENEZ, ANTONIO
8016	HERRERA, JUAN L
8020	PLANTIER, JUDITH A
8026	CISNEROS, DANNY C
8032	FLORES, FRANCISCO J
8102	NAUDIN, RAYMOND
8106	AVILA, ARTURO G
8112	HUNT, MICHAEL W
8118	MADRIGAL, MIGUEL A
8124	BACLIG, FRANCISCA A
8507	MORINO, JOE S
8521	CARILLO, WILLIAM A
8527	ZEPEDA, DARIO M
8603	RODELO, RAUL W
8604	LOPEZ, SAMUEL O
8607	OCCUPANT UNKNOWN,
8608	GARDNER, ROBERT P
8613	MACIAS, CIRILO J
8614	SIFUENTES, MICHAEL S
8619	THOMPSON, LINDA A
8620	GARCIA, SALVADOR S
8625	VALADEZ, JUAN A
8626	ORTEGA, RUBEN A
8629	PRICKETT, JAMES T
8630	ACOSTA, JESUS G
8633	GONZALEZ, SAUL

PIONEER BLVD 2005

7831 BAQUEIRO, ERNESTO A
7834 MARTINEZ, CARMEN C
7837 OSORIO, MARIA H
7840 LM SERVICES
7841 MAIER, ROSALIE C
8011 MR SECURITY
STANTON ENTERPRISES
8013 SOMETHING DIFFERENT
8015 COCOS BRIDAL
JENNYS FLOWERS & GIFTS
8017 ARIANNAS BEAUTY SALON
8019 NAILS SPA
SPEED CUSTOMS SPORT CAR A
8021 AQUI ES OAXACA NO2
8023 FIERROS REALTY MANUEL
MANUEL FIERROS REALTY
8025 LAS CHINAMPAS

WASHINGTON BLVD 2005

10703 OCCUPANT UNKNOWN,
10808 CHAVEZ, EMIGDIO A
10820 AGUIRRE, OSCAR
10906 CROSS, MONIQUE
10922 MARTINEZ, MARIA I
10934 HERNANDEZ, HEBER
11000 BRETHERN PRE SCHOOL
COMMUNITY GRACE BRTHREN CHURCH
11025 AMERICAN ROYAL PETROLEUM INC
11036 ACCORDION MUSIC CENTER
WHITT-SPRINGS LIQUOR
11038 JJ & ASSOC
SIGNS & DESIGNS
11040 TOOTH FAIRY DENTAL GROUP
11048 SANTA CRUZ DENTAL
11116 TIO ROBBYS INC

BEN AVON ST 2000

10508 OCCUPANT UNKNOWN,
10512 FERNANDEZ, F M
10513 OCCUPANT UNKNOWN,
10515 ADAMS, K
10518 CIVITAK, FRANK J
10521 OCCUPANT UNKNOWN,
10527 GARCIA, GEORGE A
10528 OCCUPANT UNKNOWN,
10531 MUNOZ, G M
10534 CASTANEDA, JOSE D
10537 JAUREGUI, JESUS I
10538 GODOYMENDOZA, RUBEN
10543 ESPARZA, PATRICI
10800 WHITTIER UNION HIGH SCHOOL DST
10910 SANDOVAL, RUEBEN
10913 MILLER, R
SHENEBERGER, LEONARD
10916 OCCUPANT UNKNOWN,
10918 OCCUPANT UNKNOWN,
10926 WILLIAMS, DONALD K

DANBY AVE 2000

5703 OCCUPANT UNKNOWN,
5708 SALAZAR, MIKE G
5709 SOLIS, CAMILO B
5712 ARELLANO, H F
6113 GARCIA, DAVID
PHILLIPS, P
6127 HURLEY, T
6208 SOLANO, MARIA
6212 PLATA, CARLOS
6213 LOZA, LYDIA
6219 REVELES, A
6302 VELASCO, V C
6303 NUANES, DEBORAH D
6309 REYES, YOLANDA P
6310 MCCOLLEY, CARMEN
6313 GRIJALVA, MARIBEL
GRISALVA, MARIBEL
6318 OCCUPANT UNKNOWN,
6319 JETT, CALVIN E
6323 OCCUPANT UNKNOWN,
6403 SEVILLA, C
6407 NAJAR, VICTOR
6418 GONZALES, ABEL
6419 OCCUPANT UNKNOWN,
SPECIAL NEEDS TUTORING PROGRAM
6425 ISHIDA, H I
6426 SOTO, EDGAR
6431 OCCUPANT UNKNOWN,
6434 DAVIES, DONALD K
6439 DOMINGUEZ, THOMAS D
6445 CASTRO, F
6451 BAEZA, ALFONSO
6503 OCCUPANT UNKNOWN,
6515 ARELLANO, MIKE
6607 PEREZ, MATILDE L
6616 OCCUPANT UNKNOWN,
6617 YANEZ, EDUARDO C
7619 ESTRADA, GLORIA
7620 OCCUPANT UNKNOWN,
7624 OCCUPANT UNKNOWN,
7629 MASTER DIE
OCCUPANT UNKNOWN,
7630 OCCUPANT UNKNOWN,
7634 NOBLE, RAYMOND E
7637 BRIBIESCAS, A N
7640 DOMINGUEZ, BERTHA M
7642 OCCUPANT UNKNOWN,
7645 OCCUPANT UNKNOWN,
7648 HILBERG, DAVE
7651 JIMENEZ, A

DANBY AVE 2000 (Cont'd)

7654 AVILA, V
7657 EDWARD, L M
7703 OCCUPANT UNKNOWN,
7704 OCCUPANT UNKNOWN,
7709 OCCUPANT UNKNOWN,
7710 MENDEZ, EDDIE
7714 OCCUPANT UNKNOWN,
7715 GRANADOS, ANGEL A
7719 ALEGRE, RUFINO
7720 PEREA, KATRINA A
SMALL, FRANCES
7730 OCCUPANT UNKNOWN,
7731 NIELSEN, ANDREW C
7736 OCCUPANT UNKNOWN,
7737 OCCUPANT UNKNOWN,
7740 OCCUPANT UNKNOWN,
7743 GUERRERO, HENRY
7746 OCCUPANT UNKNOWN,
7747 SOTO, DORA
7752 REYNAUD, PAMELA
7753 HERNANDEZ, ARTHUR S
7802 CERVANTES, JESUS
7803 OCCUPANT UNKNOWN,
7808 BACLIG, FILOMIN A
7809 LUCKETT, ERIC
7812 FONSECA, LUIS
7818 SCIANNI, JAMES
7819 WORLEY, JAMES F
7822 JACOBO, B
7825 HERAS, SANTANA
7831 CURTIS, SARAH L
7834 RAZO, SALVADO B
7837 FLORES, C
8020 RIVAS, RICARDO C
8026 CISNEROS, DANNY
8032 FLORES, F
8102 OCCUPANT UNKNOWN,
8106 AVILA, ARTURO G
8112 HUNT, SIDNEY J
8118 OCCUPANT UNKNOWN,
8124 PENALOSA, FRECIA B
8507 MACIAS, HELEN R
8521 CARRILLO, WILLIAM
8527 ZEPEDA, DARIO
8603 RODELO, RAUL M
8604 LOPEZ, SAMUEL O
8607 OCCUPANT UNKNOWN,
8608 GARDNER, ROBERT P
8613 MACIAS, CIRILO
8614 SIFUENTES, MICHAEL S

DANBY AVE 2000 (Cont'd)

8619 OCCUPANT UNKNOWN,
8620 CISNEROS, G
8625 VALADEZ, JUAN
8629 PRICKETT, JAMES
8630 ACOSTA, JESUS G

PIONEER BLVD 2000

7825 OCCUPANT UNKNOWN,
7830 OCCUPANT UNKNOWN,
7831 BAQUEIRO, ERNESTO A
7834 OCCUPANT UNKNOWN,
7837 MARTINEZ, SYLVIA
OSORIO, HILDA
7840 ENRIQUEZ, CHRIS
RYAN, E E
8015 CECYS BOUTIQUE
8019 SPEED CUSTOMS SPORT CAR A
8129 KIRK, MIRIAM
8141 YANCEY GARY EQUIPMENT REPAIR
8163 CERDA, SILVIA
8169 SANTOS, CECILIA

WASHINGTON BLVD 2000

10516 MARTINEZ, J
10690 CEDAR PINE CONSTRUCTION CORP
10820 AGUIRRE, OSCAR
10906 ROCHA, A L
10922 MARTINEZ, MARIA I
10934 OCCUPANT UNKNOWN,
11000 BRETHREN ELEM
COMMUNITY GRACE BRTHRAEN CHRCH
COMMUNITY GRACE BRTHREN CHRCH
11036 TOP VIDEO
WHITT-SPRINGS LIQUOR
11038 MILESTONE MORTGAGE CORPORATION
OCCUPANT UNKNOWN,
11042 PADILLA INSURANCE AGENCY
11046 HASHEMI DOROTHY
11048 SANTA CRUZ DENTAL
11116 TIO ROBBYS INC

BEN AVON ST 1995

10507	FRANCO, JOSE
10512	FERNANDEZ, GLORIA
10513	BUCK, EMILY V
10518	CIVITAK, FRANK J
10521	CARDENAS, IGNACIO M
10527	GARCIA, RACHEL M
10528	OCCUPANT UNKNOWNN
10531	MUNOZ, GUILLER
10543	SALINAS, JESS L
10800	PIONEER HIGH SCHOOL
10910	SANDOVAL, RUEBEN
10913	CAMACHO, MAC
	IOUNT, PHILIP
	MILLER, R
	MOUNT, PHILIP
	WHITE, PAUL
10918	NARVAEZ, DANIEL
10926	WILLIAMS, DONALD K
10932	VERDUZCO, E
10938	BUSTAMANTE, JORGE J
10940	CARROLL, ALICE
10944	TALAVERA, BONIFAC A

DANBY AVE 1995

5702 HENDERSON, JANET
5703 SANCHEZ, ANTHONY
5708 SALAZAR, MIKE G
5709 OCCUPANT UNKNOWNN
5712 OCCUPANT UNKNOWNN
6107 RAMIREZ, ANDRES
6113 OCCUPANT UNKNOWNN
6117 VEGA, EMMETT D
6129 OCCUPANT UNKNOWNN
6130 OCCUPANT UNKNOWNN
6133 OCCUPANT UNKNOWNN
6208 SOLANO, F
6209 CUNNINGHAM, MARTIN
6212 PLATA, CARLOS
6213 OCCUPANT UNKNOWNN
6218 PALACILS, RENEE
6303 NUANES, DEBORAH D
6309 PUENTEZ, SARA
6310 MCCOLLEY, L C
6313 ASCENCIO, E
6318 SCHMELZER, JOHN
6319 JETT, CALVIN E
6323 OCCUPANT UNKNOWNN
6403 GARCIA, PAT
6407 OCCUPANT UNKNOWNN
6413 PULIDO, A
6418 OCCUPANT UNKNOWNN
6425 SPRECKMAN, SARA E
6431 OCCUPANT UNKNOWNN
6435 HERRERA, MARIA G
6439 OCCUPANT UNKNOWNN
6445 BAKER, GEORGE
6451 BAEZA, ALFONSO
6603 OCCUPANT UNKNOWNN
6607 KOSOVICH, ANTHONY E
6617 OCCUPANT UNKNOWNN
6623 GUERRERO, ROSA M
7603 BRIBIESCAS, DOLORES
7606 OCCUPANT UNKNOWNN
7616 CINQUE, CHARLES R
7619 ESTRADA, GLORIA
7620 RAMOS, LUIZ S
7624 OCCUPANT UNKNOWNN
7629 OCCUPANT UNKNOWNN
7634 NOBLE, RAYMOND E
7637 OCCUPANT UNKNOWNN
7640 OCCUPANT UNKNOWNN
7642 OCCUPANT UNKNOWNN
7645 BURNS, MARY
7648 HILBERG, DAVE

DANBY AVE 1995 (Cont'd)

7651	HICKS, RONALD E
7654	AUILA, V
7657	LAPPIN, GEORGE L
7703	ZAVALA, MARIO A
7704	DORRIES, WILLIAM A
7709	OCCUPANT UNKNOWNN
7710	OCCUPANT UNKNOWNN
7714	BEVERLY MAYTAG HOME APPL CTR WUETHRICH, ALLAN
7715	GRANADOS, ANGEL A
7720	SMALL, FRANCES
7725	OCCUPANT UNKNOWNN
7726	GONZALEZ, MARIA E
7731	OCCUPANT UNKNOWNN
7737	CASTRO, EDWARD
7740	GONZALEZ, MARIA
7743	GUERRERO, HENRY
7746	OCCUPANT UNKNOWNN
7747	SOTO, DORA
7752	ROBINSON, CECILIA C
7802	OCCUPANT UNKNOWNN
7807	BASULTO, DOLORES
7812	FONSECA, LUIS
7815	OCCUPANT UNKNOWNN
7818	SCIANNI, JAMES
7822	JACOBO, B
7828	GUTIERREZ, RUBEN
7834	OCCUPANT UNKNOWNN
8010	MENESES, JOSE L
8020	RIVAS, RICARDO C
8026	CISNEROS, DANNY
8102	DUMMITT, D C
8112	THAMMAVONGSA, TIENG
8124	AMORVI GUEST HOME ANTONIO, L T
8527	ZEPEDA, DARIO
8603	PARRA, GLORIA
8607	VARGAS, ALFRED
8608	GARDINER, ROBERT
8619	OCCUPANT UNKNOWNN
8620	DELAROSA, LYDIA E
8625	VALADEZ, JUAN
8629	PRICKETT, JAMES
8633	MARTINEZ, MONICO

PIONEER BLVD 1995

7824 SOLIS, DANIEL C
7825 KILPATRICK, LARRY
7831 BAQUEIRO, ERNESTO A
7837 OCCUPANT UNKNOWNN
7840 ENRIQUEZ, GILBERT
7841 MAIER, FRED C
8051 RESILITENT FLOOR
8141 YANCEY GARY EQUIPMENT REPAIR
8147 OCCUPANT UNKNOWNN
8157 VALENZUELA, RAFAEL
8163 CERDA, ALFREDO
8169 SIERRA, RICHARD
8221 MOTEL 6 OPERATING L P

WASHINGTON BLVD 1995

10490 GREENLEAF NURSERY
10506 BARBA, JUAN
10516 CERVANTES, GERARDO
10690 CEDAR PINE CONSTRUCTION CORP
10820 AGUIRRE, OSCAR
10906 LEOS, MARIA L
11000 COMMUNITY GRACE BRTHREN CHRCH
OCCUPANT UNKNOWNN
11036 TOP VIDEO
11038 GLENS ENTERPRISES INC
WILLIES CONSTRUCTION INC
11044 NANNY, THOMAS G
11046 CASA, DE A
HASHEMI DOROTHY
11048 SANTA CRUZ DENTAL
11116 TIO ROBBYS INC

BEN AVON ST 1992

10513 BUCK, EUGENE R
10518 CIVITAK, FRANK J
10531 MUNOZ, G
10800 ASSOC STUDENTS
PIONEER HIGH SCHOOL
10910 SANDOVAL, RUEBEN
10913 MILLER, R
MOUNT, PHILIP
WHITE, PAUL
10926 WILLIAMS, DONALD K
10944 TALAVERA, B A

DANBY AVE 1992

5703 SANCHEZ, ANTHONY
5708 SALAZAR, MIKE G
6107 RAMIREZ, ANDRES
6113 GARCIA, BONIFA C
6209 CUNNINGHAM, MARTIN
6212 PLATA, CARLOS
6313 GRIJALVA, OSCAR
6318 SCHMELZER, JOHN
6319 JETT, CALVIN E
6413 CHILCOTE, VIVIAN
6451 BAEZA, ALFONSO
6519 SAUCEDO, VICENTE
VEGA, FIDEL
6607 KOSOVICH, ANTHONY E
6617 RUSSELL, GEORGE W
6623 GUERRERO, ROSA M
7603 BRIBIESCAS, DOLORES
7616 CINQUE, CHARLES R
7619 ESTRADA, GLORIA
7620 RAMOS, LUIZ S
7645 BURNS, MARY
7648 HILBERG, DAVE
7657 LAPPIN, GEORGE L
7704 DORRIES, WILLIAM A
7709 GOMEZ, DANIEL R
7715 GRANADOS, ANGEL A
7720 SMALL, FRANCES
7725 BAUMAN, JOHN H
7743 GUERRERO, HENRY
7752 DULCE ISABEL BRIONES
7809 MARTINEZ, RONALD M
7815 KIELY, JOHN D
7818 LUPE ARRANDA SCIANNI ETAL
SCIANNI, JAMES
7822 SISKOWSKI, MILDRED
8020 RIVAS, RICARDO C
8026 CISNEROS, DANNY
8102 DUMMITT, D C
8112 THAMMAVONGSA, B
8124 AMORVI GUEST HOME
8527 ZEPEDA, DARIO
8607 VARGAS, ALFRED
8608 BLAISURE, ARNOLD
8625 VALADEZ, JUAN
8629 PRICKETT, JAMES
8633 MARTINEZ, MONICO

PIONEER BLVD 1992

7803 REESE, WILLIAM V
7812 HAMILTON, THERESE
7818 BITOLAS MANUEL
7825 KILPATRICK, LARRY
7840 ENRIQUEZ GEN INS&INCM TAX SVC
7841 MAIER, FRED C
8051 RESILITENT FLOOR
8131 REYES, BENITO C
8141 YANCEY GARY EQUIPMENT REPAIR
8157 CAMPANA, LUIS G
8163 CERDA, ALFREDO
8221 MOTEL 6 OPERATING L P

WASHINGTON BLVD 1992

10490 TREE VALLEY NURSERY INC
10506 WAMPLER, ERNIE
10690 CEDAR PINE CONSTRUCTION CORP
11000 COMMUNITY GRACE BRTHREN CHRCH
11036 TOP VIDEO
11038 EARTHQUAKE PRODUCTIONS
TROY TICKET SERVICE
WILLIES CLEANUP SERVICE INC
11042 SUNNY 1 HOUR PHOTO
11044 NANNY, THOMAS G
11046 CASA, DEALVA
11048 SANTA CRUZ DENTAL
SORIA HCTOR CYSSO BASSETTE DDS
11116 BURRITO BROTHERS

BEN AVON ST 1986

BEN AVON 90606			
LOS NIETOS			
10503	XXXX		00
10507	XXXX		00
10508	XXXX		00
10512	XXXX		00
10513	BUCK EUGENE R		699-5436
10517	XXXX		00
10518	CIVITAK FRANK J		692-3080
10521	XXXX		00
10522	XXXX		00
10527	XXXX		00
10528	XXXX		00
10531	MUNOZ GUILLERMO		692-1739
10534	LARMORE CYNTHIA		692-8350 9
	LARMORE DONALD O		692-5529
10537	GENERA RAUL		692-0082 1
10538	GASTELUM ROBT		695-9850 1
10543	XXXX		00
10544	SANTIAGO HIPOLITO		695-9532 +6
10800	★LA CO PKS&REC POOLS		692-8613 4
	★PIONEER CMNTY SC		692-5115
	★PIONEER HIGH SCHOOL		698-8121
	★PIONEER LITTLE LGE		692-2666 4
10835	GARDNER RAY		692-1609 4
10910	XXXX		00
10913	HARRIS GREGORY H		692-4646 +6
	MILLER R		692-5452 9
	ROGERS SHERI		695-5031 +6
	VALBURG KEN		692-9252 5
10916	XXXX		00
10918	WAINFORD CHARLES		695-2924
	WAINFORD PAM		695-2924
10926	WILLIAMS DONALD K		695-2222
10932	XXXX		00
10944	TALAVERA BONIFACIO		699-6487 2
11113	XXXX		00
11119	XXXX		00
11141	XXXX		00
★	4 BUS	33 RES	3 NEW

DANBY AVE 1986

DANBY AV S 90606

LOS NIETOS

5702	XXXX	00	
5703	RITACCA ERNIE	695-3572	5
5708	SALAZAR MIKE G	695-3694	
5709	HANGARTNER FRANK W	699-8320	
5713	VALDIVIEZ GILBERT	692-1374	3
6107	OCHOA MARIA	699-8146	+6
6113	GARICA BONIFACIO	699-8629	2
6117	XXXX	00	
6120	XXXX	00	
6121	XXXX	00	
6126	MARTINEZ JESUS	699-0116	+6
6127	XXXX	00	
6129	WEST MICHAEL	692-3012	+6
6130	SANDERS CYNTHIA	699-8278	+6

DANBY AVE 1986

DANBY AV S	90606 CONT..
6132	XXXX 00
6133	XXXX 00
6200	XXXX 00
6201	TAVARES ARMANDO 699-8371 +6
6208	XXXX 00
6209	CUNNINGHAM DARLENE 699-8373
	CUNNINGHAM MARTIN 699-8373 3
6212	TORRES ISMAEL 695-9810
6213	XXXX 00
6218	POPULUS CHRISTOPHER 695-6742 +6
6225	CASTANEDA VICTOR 695-9721 +6
6309	XXXX 00
6313	PRIMROSE JOHN D JR 699-7181 3
6318	SCHMELZER JOHN 699-7666
6319	JETT CALVIN EUGENE 692-4338
6413	CHILCOTE CHAS E 699-2290
6418	XXXX 00
6419	XXXX 00
6425	XXXX 00
6431	QUEZADA RICHARD 695-4705 2
6435	XXXX 00
6439	ALFARO JUAN 695-1405 4
6445	XXXX 00
6451	XXXX 00
6503	HUERTA PEDRO 695-6480 1
6511	XXXX 00
6515	XXXX 00
6519	PERRY ANN 692-8245 +6
	PERRY BRIAN 692-8245
6603	XXXX 00
6607	KOSOVICH ANTHONY E 699-5917
6613	XXXX 00
6616	ALMARAZ LAUREL 692-2312 3
6617	RUSSELL GEO W 695-2001
6623	YEITH MARGARITA 692-8097 +6
7600	SOTO J 695-4807 2
7603	MORENO ANGEL 699-7026 8
7612	GARIBYA LIONEL A 692-8406 5
7613	MARION MARK 699-1326
	MARION V 699-1326
7616	CINQUE CHAS R 695-6207
7619	DIAZ TIMOTEO 692-5068 3
7620	RAMOS LUIZ S 692-3283
7624	XXXX 00
7629	XXXX 00
7630	XXXX 00
7634	XXXX 00
7637	XXXX 00
7640	XXXX 00
7642	XXXX 00
7645	BURNS MARY 695-2263
7648	HILBERG DAVE 695-3066
7651	XXXX 00
7654	SOLIS ESTHER 692-5362 +6
	SOLIS JUAN 699-7950
	SOLIS MARIA 699-7950
7657	LAPPIN GEORGE L 695-6559
7703	XXXX 00
7704	DORRIES WILLIAM A 695-3445
7709	XXXX 00
7710	JOHNSON RICHARD A 695-6026
7714	WUETHRICH ALLAN 699-3202
7715	GRANADOS ANGEL A 695-9527
7719	XXXX 00
7720	SMALL FRANCES 692-8083 2
7725	BAUMAN JOHN H 695-5445
7726	XXXX 00
7730	XXXX 00
7731	XXXX 00
7737	XXXX 00
7740	KRAMER S 695-7775
7743	GUERRERO HENRY 692-8805 4
7752	XXXX 00
7802	XXXX 00
7808	XXXX 00
7809	MARTINEZ DOROTHY 695-3170 4
	RUIZ RAMONA 695-5657 3
	UGARTE MARIA 699-2380 4
7812	PETTIT WILLIAM J 692-8527
7815	KIELY JOHN D 692-5161
7818	SCIANNI JAS 692-1593 3
7819	XXXX 00
7822	SISKOWSKI M R 692-7982 9
7825	XXXX 00
7828	WHITE M E 695-0984
7834	RAZO JESUS 699-8170 5
	RAZO SALVADOR B 695-8530 3
7837	MARSHALL JAS F 695-9638
8010	DELACRUZ ARTURO 695-3196 +6
8016	PARKER D 695-2775 5
8020	RIVAS RICARDO C 695-2152
8025	XXXX 00
8026	CISNEROS DANNY 692-4298
8032	MALDONADO VALERIE 692-2805 5
8102	DUMMITT D CARL 695-5743
	DUMMITT FLORA 695-5743
8106	ACOSTA IRENE 699-2715 +6
8112	THAMMAVONGSA B 695-4696 +6
8527	ZEPEDA DARIO 695-3082 1
8603	XXXX 00
8607	VARGAS ALFRED 695-9367 5
8608	BLAISURE ARNOLD 695-8634
8614	XXXX 00
8620	XXXX 00
8625	GARCIA ALFREDO 692-5498 0
8629	PRICKETT JAS 692-5856 2
8630	XXXX 00
8633	MARTINEZ MONICO 692-2379
	* 0 BUS 122 RES 13 NEW

PIONEER BLVD 1986

7830	XXXX	00	
7831	XXXX	00	
7834	XXXX	00	
7837	DORAME JORGE	695-3469	4
7840	★ENRIQUEZ GENL INS	695-1583	2
	★INCOME TAX SERVICE	695-1583	
	★INSURANCE&INCOME TX	695-1583	
7841	MAIER FRED C	695-0190	
8051	★CLARKE&ASSOCIATES	699-0407	+6
	★LABORATORY FRNTR	695-5007	5
8055	★A L WILLIAMS AGENT	699-1075	5
8131	REYES BENITO C	699-0889	3
8141	★YANCEY GARY EQP RPR	692-4032	9
8147	HARNED RUTH	699-3550	+6
8153	LE TANH HOANG	692-4701	1

WASHINGTON BLVD 1986

Target Street	Cross Street	Source	
10506	WAMPLER ERNIE	699-3609	
10890	★CEDAR PINE CONSTR	692-0301	2
10808	HERNANDEZ FRANCISCO	692-5353	
10906	XXXX	00	
10922	XXXX	00	
10934	XXXX	00	
11000	★COMNTY GRACE BRTHRN	692-0588	
11036	★TOP VIDEO	695-6877	5
	★WHITT SPGS LOR STR	695-5337	5
11038	★ARNOLD KENNTH&ASCTS	692-4906	+6
	★RYAN CONSTRUCTION	941-7148	2
	★WILLIES CONS SERV	944-5838	2
11040	XXXX	00	
11042	★PADILLA DAN INS AG	692-0494	5
11044A	★INTL RL EST NTWRK	699-3431	+6
	A★INTL RL EST NTWRK	949-6512	+6
	A★SOUTHLND HMS RL EST	699-8051	5
11046	★CASA DE ALVA	695-2792	4

BEN AVON ST 1980

BEN AVON 90606 LOS NIETOS			
10503	XXXX		00
10507	XXXX		00
10508	XXXX		00
10512	SOLORZA CARLOS V		695-6452
10513	BUCK EUGENE R		699-5436 3
10517	XXXX		00
10518	CIVITAK FRANK J		692-3080
10521	XXXX		00
10522	XXXX		00
10527	XXXX		00
10528	SAUCEDO ARNOLD		699-5986 +0
10531	MUNOZ GUILLERMO		692-1739
10534	LARMORE CYNTHIA		692-8350 9
	LARMORE DONALD O		692-5529
10537	XXXX		00
10538	XXXX		00
10543	XXXX		00
10544	LUGO LEO M		695-9686
10800	PIONEER CMNTY SCHL		692-5115
	PIONEER HIGH SCHL		698-8121
10835	XXXX		00
10910	XXXX		00
10913.....	APARTMENTS		
	KLINGENBERG M J		695-3345 +0
	LOPEZ SERGIO		699-2678 8
	MILLER R		692-5452 9
	MOORE SHERRY		692-7876 8
	RILEY CHAS		695-5641 +0
10913.....		
10916	XXXX		00
10918	LEVTY WARREN		692-5474 9
10926	WILLIAMS DONALD K		695-2222 6
10932	XXXX		00
10944	XXXX		00
11113	XXXX		00
11119	GAETA JOSE		695-2816 +0
11141	XXXX		00
	★ 2 BUS	33 RES	4 NEW

DANBY AVE 1980

DANBY AV 90606 LOS NIETOS		
5702	RODRIGUEZ DANNY	692-9121 +0
5703	LOPEZ PABLO R	695-2791 7
5708	SALAZAR MIKE G	695-3694
5709	HANGARTNER FRANK W	699-8320
5713	XXXX	00
6103	XXXX	00
6107	SANCHEZ RICHARD	692-2053 5
6113	GARCIA ELIZABETH	699-8629 9
6117	XXXX	00
6120	ZUNIGA ROGER	695-4267 +0
6121	XXXX	00
6127 1/2	BOYKIN ALBERT	692-9923 +0
6129	REYNOSO LUIS	692-3928 +0
6130	LUEVANO LYDIA	699-9610 +0
6132	XXXX	00
6133	RAMIREZ TERRY	692-5963 3
6200	XXXX	00
6201	XXXX	00
6208	WILEY ROBT F	692-3464 3
6209	ESCOBAR C	695-9629 +0
6212	TORRES A	695-3330 +0
	TORRES ISMAEL	695-9810 4
6213	XXXX	00
6218	MORONES FRANK S	692-4523 3
6309	BOUTTE C	692-8276 +0
6318	SCHMELZER JOHN	699-7666
6319	JETT CALVIN E	692-4338
6413	CHILCOTE CHARLES E	699-2290 7
6418	XXXX	00
6419	BLANCO ERNEST	699-7305
	ONTIVEROS DEBRA L	692-4695 +0
6425	ISHIDA HARUFUNI	699-4614 7
6431	QUEZADA RICHARD L	695-0935
6435	XXXX	00
6445	XXXX	00
6511	XXXX	00
6515	XXXX	00
6519	WALKER CAROL	695-1106 +0
6603	XXXX	00
6607	KOSOVICH ANTHONY E	699-5917
6613	XXXX	00
6616	DARBY RICHARD	692-2167 9
6617	RUSSELL GEO W	695-2001
6623	XXXX	00
6627	ARREDONDO ANTONIO	692-5485
7600	DRAY MARK E	699-4982 +0
7603	MORENO ANGEL	699-7026 8
7612	XXXX	00
7613	MARION V	699-1326 5
7616	CINQUE CHAS R	695-6207
7619	XXXX	00
7620	RAMOS LUIZ S	692-3283 3
7624	XXXX	00
7629	KELLY ROBT J	699-3737
7630	XXXX	00
7634	XXXX	00
7637	REYNA LOUIS	695-0395 +0
7640	XXXX	00
7642	XXXX	00
7645	BURNS MARY	695-2263
7648	HILBERG DAVE	695-3066
7651	XXXX	00
7654	SOLIS JUAN	699-7950 6
	SOLIS MARIA	699-7950 6
7657	LAPPIN GEORGE L	695-6559
7703	XXXX	00
7704	DORRIES WM A	695-3445
7709	XXXX	00
7710	JOHNSON RICHARD A	695-6026 7
7714	WUETHRICK ALLAN	699-3202
7715	GRANADOS ANGEL A	695-9527 4
7719	DEWART IRVIN A	699-7783
7720	XXXX	00
7725	BAUMAN JOHN H	695-5445
7726	XXXX	00
7730	XXXX	00
7731	XXXX	00
7737	ROMO ALFONSO P	695-9989 6
7740	KRAMER S	695-7775
7743	MORGAN E R	695-9697 7
7752	XXXX	00
7802	SCIANNI JAMES	692-1593 8
7808	XXXX	00
7809	MARTINEZ D	695-8252 8
	MARTINEZ DOROTHY	695-7340 6
	TREJO LOLA	695-7160 6
7812	PETTIT WILLIAM J	692-8527
7815	KIELY JOHN D	692-5161

DANBY AVE 1980

DANBY AV		90606 CONT..
7819	XXXX	00
7822	SISKOWSKI M R	692-7982 9
7825	GINERIS WILLIS R	695-3322
7828	WHITE MILDRED E	695-0984
7837	MARSHALL JAS F	695-9638 6
8010	MILLER DIXON	692-1720+0
8016	PARKER RAMON	695-2775 8
8020	RIVAS RICARDO C	695-2152 3
8025	XXXX	00
8026	CISNEROS DANNY	692-4298 6
8032	XXXX	00
8102	DUMMITT D CARL	695-5743 4
8106	MORGAN GARLON R	692-5446
8112	WRIGHT JAS	695-4325 9
8124	DIDWAY JIM	695-0368 +0
8507	XXXX	00
8521	XXXX	00
8603	XXXX	00
8607	HARRISON L C	699-6437
8608	BLAISURE ARNOLD	695-8634
8614	XXXX	00
8620	DELAROSA RICHARD	692-1537 5
8625	GARCIA ALFREDO	692-5498 +0
8629	KIRYLO GEO	692-6733 9
8630	XXXX	00
8633	MARTINEZ MONICO	692-2379
★	1 BUS	113 RES 15 NEW

PIONEER BLVD 1980

7830	XXXX	00	
7831	DELGADO CAMILO	695-1729	4
7834	XXXX	00	
7837	XXXX	00	
7840	ENRIQUEZ GENL INS	695-1583+0	
	INS&INCOME TAX SV	695-1583+0	
7841	CONTL CARPET&UPHL	692-6422+0	
	MAIER FRED C	695-0190	
8051	MULHEARN RLTY RGSTR	695-0431	8
	REALTY REGISTER	695-0431+0	
8131	REYES MARY R	695-9758	
8141	YANCEY G EQPMNT RPR	692-4032	9
8153	LE TANH HOANG	692-4701	8
8163	XXXX	00	
8221	MOTEL 6	695-0078	6

WASHINGTON BLVD 1980

10490	GREENLINE DISTRBTRS	695-4383	8
	TREE VALLEY NURSERY	695-2984	6
10506	WAMPLER ERNIE	699-3609	
10808	HERNANDEZ FDR E E	692-5353	2
10906	CANTU L	699-1552	+0
10922	XXXX	00	
10934	XXXX	00	
11000	COMMUNTY GRC BRTHRN	692-0588	
11038	FERRY WILLIAM E CO	699-2214	
	WILLIAM E FERRY PNT	699-4452	4
11040	SOUTHLND PLUMBING	695-7994	+0
11048	CEDAR PINE CONST	692-0301	
11101	WHITTR FURNTR&APLNC	692-3771	+0
11103	YOUTH TOWN CHLDRNS	692-4212	
11105	FASHION GAL	699-3070	+0

BEN AVON ST 1975

BEN AVON 90606 LOS NIETOS		
10503	XXXX	00
10507	EVANS JOHNIE L	699-8637 3
10508	CAREY NORMAN L	699-5452
10512	SOLDORZA CARLOS V	695-6452
10513	BUCK EUGENE R	699-5436 3
10517	NEWILL MERLIN J	692-5295
10518	CIVITAK FRANK J	692-3080
10521	XXXX	00
10522	XXXX	00
10527	BARBA ARTHUR	699-1545
10528	STROME EDW W	699-4536+5
10531	MUNOZ GUILLERMO	692-1739
10534	LARMORE DONALD O	692-5529
10537	GRAHAM CALVIN	692-1447 3
10538	XXXX	00
10543	XXXX	00
10544	LUGO LEO M	695-9686
10800*	PIONEER HIGH SCHOOL	698-8121
10835	MATSON DONALD H JR	699-1302 4
10913...	APARTMENTS	
	RINGSTAD J	699-1861+5
	A PRICE JAS R	699-1769 4
	B HIMLER PAUL J	692-5501 4
	E LUTTRELL PHIL	699-7947
	F MILLER REBECCA	699-7249 3
10913.....		
10916	XXXX	00
10926	FURGESON OTIS JR	699-2185 3
10932	ROBERTS CARL	695-6477+5
10938	THOMPSON BRAD	695-3250+5
10940	THOMPSON DON E	692-1533
10944	BAILEY GEO E	695-1342
11113	MARTINEZ ISABEL	699-8880 3
11119	ROSALES PETRA	695-1605 2
11141	XXXX	00
* 1 BUS 32 RES 4 NEW		

DANBY AVE 1975

DANBY AV 90606 LOS NIETOS		
5708	SALAZAR MIKE G	695-3694
5709	HANGARTNER FRANK W	699-8320
5713	HERSTROM MARTIN	695-1645
6107	SANCHEZ RICHARD	692-2053+5
6113	GARCIA JAS	692-1960+5
6117	XXXX	00
6120	PURDY CARROLL E	692-4900+5
6121	XXXX	00
6127½	SANCHEZ FELIPE	699-7656+5
6129½	TILTON DAVID E	699-3165 4
6130	XXXX	00
6132	XXXX	00
6133	RAMIREZ TERRY	692-5963 3
6200	CANALES RICHARD	699-0788
6201	XXXX	00
6208	WILEY ROBT F	692-3464 3
6209	XXXX	00
6212	TORRES ISMAEL	695-9810 4
6213	ORTEGA DORIS	699-8202+5
6218	MORONES FRANK S	692-4523 3
6318	SCHMELZER JOHN	699-7666
6319	JETT CALVIN E	692-4338
6418	GONZALES TERESA	692-6852 3
6419	BLANCO ERNEST	699-7305
6431	QUEZADA RICHARD L	695-0935
6435	CANDIA LUIS	699-2011 4
6445	XXXX	00
6511	PINEDA RALPH	699-2679+5
6515	XXXX	00
6603	CARREON RAMON D	692-5320
6607	KOSOVICH ANTHONY E	699-5917
6613	LOREY STANLEY J	695-4946
6617	RUSSELL GEO W	695-2001
6627	ARREDONDO ANTONIO	692-5485
7600	CANTRELL S Y	692-6211 3
7603	WESTLING R H	695-6553
7612	ASHER SANDY E C	699-5063
7613	MARION V	699-1326+5
7616	CINQUE CHAS R	695-6207
7619	GREENE RUSSELL N	695-8980
7620	RAMOS LUIZ S	692-3283 3
7629	KELLY ROBT J	699-3737
7630	XXXX	00
7634	XXXX	00
7637	TORRES FERNANDO R	695-0857+5
7640	LADUE LEON	695-9207
7642	XXXX	00
7645	BURNS MARY	695-2263
7648	HILBERG DAVE	695-3066
7651	XXXX	00
7654	DAKES HAROLD J	695-7687
7657	LAPPIN GEO L	695-6559
7703	RODRIQUEZ DANL	699-4271 2
7704	DORRIES WM A	695-3445
7709	XXXX	00
7710	KONOSKE DONNA	699-2765 2
	KONOSKE JAS R	699-2765 2
7714	WUETHRICH ALLAN	699-3202
7715	GRANADOS ANGEL A	695-9527 4
7719	DEWART IRVIN A	699-7783
7720	SMALL JIM	692-8083
7725	BAUMAN JOHN H	695-5445
7726	FEARING ROBT J	692-5593 3
7730	XXXX	00
7737	WESSELMAN LEONARD	699-3405
7740	KRAMER S	695-7775
7743*	BARNETT MILAN L	699-6137
7752	GROVER DOUGLAS	695-3230
	MCCORD EDYTHE	695-3230+5
7753	DAKOS H DAVID	692-1772
7802	SEARS HAROLD A	695-6106
7808	XXXX	00
7809	XXXX	00
7812	PETTIT WM J	692-8527
7815	KIELY JOHN D	692-5161
7819	XXXX	00
7822	SISKOWSKI MILDRED	692-9482
7825	GINERIS WILLIS R	695-3322
7828	POLENZ CLARA H	695-0984
	WHITE MILDRED E	695-0984
8010	DAY AUSTIN P	699-1665
8016	PARKER RAMON	699-9713+5
8020	RIVAS RICARDO C	695-2152 3

DANBY AVE 1975

Address	Name	Phone Number	Notes
.. DANBY AV		90606	CONT..
8025	XXXX	00	
8026	VALDIVIA JORGE	699-2161	
8032	ROBERTS ROBT E	695-2994	
8102	DUMMITT D CARL	695-5743	4
8106	MORGAN GARLON R	692-5446	
8112	COLLINS DAVID R	699-6950	3
8507	XXXX	00	
8527	XXXX	00	
8607	HARRISON L C	699-6437	
8608	BLAISURE ARNOLD	695-8634	
8614	XXXX	00	
8620	DELAROSA RICHARD	692-1537+5	
8625	BROWN LORRAINE	699-3912+5	
8626	ORTEGA RUBEN	699-4837	4
8629	KUTLESA MIKE	692-3035	
8630	ACOSTA A T	699-8229	
8633	MARTINEZ MONICO	692-2379	
* 1	BUS	99 RES	12 NEW

PIONEER BLVD 1975

7830	LULOFF WM F	699-1963
7831	DELGADO CAMILO	695-1729 4
7834	XXXX	00
7837	DELGADO TOM	692-8515+5
7840	XXXX	00
7841	MAIER FRED C	695-0190
8131	REYES MARY R	695-9758
8163	RODRIGUEZ PETE	695-6848
8169	RUIZ LUPE	692-2048
8401*	CHRISTIAN BOOK CTR	695-3131+5
8407*	PEYTON PLACE	699-8664 2
8409*	SO CAL HEARING AID	693-0703 3

WASHINGTON BLVD 1975

10490	BRYAN K A	695-2984	4
10506	WAMPLER ERNIE	699-3609	
10808	HERNANDEZ F	692-5353	2
10820	XXXX	00	
10906	XXXX	00	
10922	MARTINEZ MARIA I	695-5610+5	
10934	STABILE MARION	699-1193	
11000*	COMMUNITY BRTHRN CH	692-0588	
11020	XXXX	00	
11038*	FERRY WM E CO	699-2214	
	*WILLIAM E FERRY CO	699-2214	
	*WILLIAM E FERRY PNT	699-4452	4
11040	XXXX	00	
11042	XXXX	00	
11048*	CEDAR PINE CNSTRCTN	692-0301	
11101*	SPROUSE REITZ CO	699-1426	3

DANBY AVE 1972

DANBY	AV S	90606
5703	♦ GRABLE, MICHAEL	692-3002
5709	HANGARTNER, F W	699-8320
5713	HERSTROM, M	695-1645
6107	WOLLENZIER, REUBEN	695-2749
6113	GARCIA, BONIFACIO	699-4039
6121	TORRES, ARTHUR	699-7503
6129	♦ ROBLEDO, MARY	699-5863
6132	♦ MURRAY, W J	695-8884
6133	♦ RAMIREZ, TERRY	692-5963
6200	CANALES, RICHARO	699-0788
6201	MASON, JAS. O	695-5032
6208	GERHARDT, RONALO R	699-5401
6209	LESA, LEON PAUL	695-5281
6212	WILEY, R F	692-3464
6218	♦ MORONES, FRANK S	692-4523
6318	SCHMELZER, J	699-7666
6319	JETT, C E	692-4338
6418	GONZALES, ABEL	692-6852
6419	BLANCO, E	699-7305
6425	♦ MCWILLIAMS, GLENN	692-5461
6431	QUEZADA, RICHARO L	695-0935
6435	□DON DENT CO.	699-4182
6439	♦ GOODENOUGH, CURTIS W	699-0801
6445	DOTY, F J	695-7380
6451	GREGG, DAN B	699-5936
6515	ZVARA, S J	695-2309
6516	♦ ROBLES, RAUL	699-6920
6603	CARREDON, RAMON O	692-5320
6607	KOSOVICH, A E	699-5917
6617	RUSSELL, G W	695-2001
6627	ARREDONDO, ANTONIO	692-5485
7600	♦ CANTRELL, S Y	692-6211
7603	WESTLING, R H	695-6553
7612	ASHER, SANDY E C	699-5063
7613	MARION, V	699-0266
7616	CINQUE, C R	695-6207
7619	GREENE, R N	695-8980
7629	KELLY, R J	699-3737
7630	SMITH, J H	695-2952
7634	STEPHENS, ROBT. F	695-6573
7637	CRAWFORD, G R	695-2391
7640	♦ LA DUE, LEON	695-9207
7642	KARPATI, E	692-6692
7645	BURNS, MARY	695-2263
7648	HILBERG, D	695-3066
7654	OAKES, H J	695-7687
7657	LAPPIN, G L	695-6559
7704	DORRIES, W A	695-3445
7710	KONOSKE, JAS. R	699-2765
7714	WUETHRICH, A	699-3202
7715	GRANADOS, ANGEL A	695-8487
7719	DEWART, I A	699-7783
7720	SMALL, JIM	692-8083
7725	BAUMAN, JOHN H	695-5445
7726	♦ FEARING, ROBT. J	692-5593
7730	HENDERSON, J W	692-6070
7737	WESSELMAN, L J	699-3405
7740	KRAMER, S	695-7775
7743	□BARNETT, MILAN L	699-6137
7752	GROVER, DOUGLAS	695-3230
7753	DAKOS, H D	692-1772
7802	SEARS, H A	695-6106
7809	MOUGH, MILES R	692-3183
7812	PETTIT, W J	692-8527
7815	XIELY, JOHN D	692-5161
7819	MARSHALL, JAMES F	695-9608
7822	SISKOWSKI, M R	692-9482
7825	GINERIS, WILLIS R	695-3322
7828	WHITE, MILDRED E	695-0984
7834	♦SALS CABINET SHOP	695-8530
8010	DAY, A P	699-1665
8016	PARKER, RAMON	695-2775
8016	PARKER, RAMON	699-9713
8020	♦ RIVAS, RICARDO C	695-2152
8026	VALDIVIA, JORGE	699-2161
8032	ROBERTS, ROBT. E	695-2994
8102	ESPINOZA, DAVID	699-4734
8106	MORGAN, G R	692-5446

DANBY AVE 1972

DANBY	AV	S	CONT	90606
8112	+	COLLINS, DAVID R	699-6950	
8118		RICE, ROBERT F	692-1677	
8527		ODRAO, GERALD	695-2422	
8604		TUCKER, GLORIA J	692-8244	
8607		HARRISON, L C	699-6437	
8608		BLAISURE, ARNOLO	695-8634	
8620		RUNDLE, W J	695-8524	
8625	+	MCKIM, CLARENCE G	699-1483	
8626		KRAFT, EDW.	692-7845	
8629		KUTLESA, M	692-3035	
8633		MARTINEZ, M	692-2379	

PIONEER BLVD 1972

7B19	NAZAROFF, J G	699-4946
7B3D	LULOFF, W F	699-1963
7831	DELGAOD, C	695-1729
7B34	+ GADDIE, WM.	692-9152
7B40	DAVIOSON, DOUGLAS	692-8352
7B41	MAIER, F C	695-0190
B131	REYES, M R	695-9758
B163	RODRIGUEZ, PETE	695-6848
B169	RUIZ, LUPE	692-2048
B401	+□RELIGIOUS BOOK OSCNT	695-4310
B401	□RELIGIOUS BK OISC HSE	692-0521
B407	□PEYTON PLACE	699-8664
8407	+□PEYTON PLACE	699-9283
B413	+□FOXY LADY	699-0961

WASHINGTON BLVD 1972

10490	□CHRISTMAS TREE VLY	692-4977
10506	WAMPLER, ERNIE	699-3609
10808	HERNANDEZ, FRANCISCO	692-5353
10820	+ PACE, ALFREDO A	695-7288
10906	GIBSON JR, A H	699-7382
10934	STABILE, M	699-1193
11000	□COM BRETHREN CH&SCH	692-0588
11020	+□TINOS TEXACO SVC	699-3770
11038	□WILLIAM E FERRY CO.	699-2214
11038	□WM E FERRY PAINT CO	699-4452
11040	□BRANDENBURG, WILLIE	695-3214
11042	□CHIROPRACTIC&MASSAGE	699-9248
11048	□CEGAR-PINE CONSTR	692-0301
11101	□SPROUSE REITZ CO.	699-0192
11101	□SPROUSE-REITZ CO.	699-1426

BEN AVON ST 1966

BEN AVON
90606

ST E

10503	ENCINIAS, R	OX5-0331
10507	EVANS, JOHNNIE L	699-8637
10508	WILLIAMS, DONALD G	699-5452
10512	SOLORZA, CARLOS V	695-6452
10513	BUCK, E R	699-5436
10517	NEWILL, MERLIN J	699-5285
10518	CIVITAK, FRANK J	692-3080
10522	BARTH, L	692-4420
10527	BARBA, A	OX9-1545
10528	WILLIAMS, ROBERT J	695-9756
10531	MINTZ, A	OX 91730
10534	LARMORE, D O	OX 25529
10537	RICHARDSON, C S	699-6458
10538	LEA, JESSIE H	699-7801
10543	WELKER, ROBERT I	699-5953
10544	LUGO, L M	OX 59686
10913	APARTMENT	
10913	OBERHOLTZER, CAROLYN	695-3887
A*	THOMAS, G E	OX 22382
B*	LASH, DAVID N	699-4980
D*	OLNEY, HELEN L	695-5641

BEN AVON ST 1966

BEN AVON	ST E	CONT.
10926	□FURGESON JR, O	OX 27505
10938	SLOCOMB, GEORGE S	699-6671
10940	THOMPSON, D E	OX 21533
10944	HICKS, BYRL W	695-5154
11112	BEJARANO, BERNICE D	695-2161
11113	SATTERFIELD, E	695-8811
11119	PORTER, R E	OX 90571
11141	ROWAN, J	692-6586
11153	CARTER, M E	OX 27452

DANBY AVE 1966

DANBY 90606	AV 5	
5700	GARNICA, J	OX 28679
5703	BELTRAN, MRS R D	695-4202
5708	SALAZAR, MIKE G	695-3694
5709	HANGARTNER, F W	OX 98320
5713	HERSTROM, M	OX 51645
6107	VAUGHN, EMMA E	695-9675
6113	GARCIA, BONISACIO	699-0383
6117	UPDEGRAFF, DANNY J	692-3134
6120	BRACAMONTES, R	692-9825
6121	KRAMER, ALLAN P	692-6231
6127	KOEGEL, MICHAEL	699-2948
6129	MEGEATH, ADA	692-1788
6132	MURRAY, W J	OX 58884
6133	STEWART, W J	695-2151
6200	CANALES, RICHARD	699-0788
6201	MELHUIJSH, H H	OX2-3512
6208	GERHARDT, RONALD R	699-5401
6209	POGUE, WILLIAM A	699-4290
6212	WILEY, R F	692-3464
6218	SPOTTS, R N	OX 25947
6225	MERMIS, A F	OX 52804
6309	PARTON, VIRGIL O	699-6034
6310	MUNYON, H L	CX 58026
6318	SCHMELZER, J	OX 97666
6319	JETT, C E	OX 24338
6323	MOJZIS, ROBERT	695-8455
6407	GREGORY, V L	OX 57513
6413	CHILCOTE, CHARLES E	699-2219
6418	GONZALES, A	OX2-6852
6419	BLANCO, E	OX 97305
6425	RAMSEY, J W	OX 23970
6435	DENT, DONALD	699-4182
6439	DE LAURA, K D	OX 23047
6445	DOTY, F J	OX 57380
6451	GREGG, DAN B	699-5936
6503	WOTTKE, R	OX 22108
6511	LIVINGSTON, WILLIAM	699-6397
6515	ZVARA, S J	OX 52309
6516	ESQUE, L V	OX 27446
6519	BURKE, MARIA E	692-5133
6603	ARSENAULT, K W	OX 27897
6607	KOSOVICH, A E	OX 95917
6613	LOREY, S J	OX 54966
6616	ROYLE, E	OX 55247
6617	RUSSELL, G W	OX 52001
6623	FORBES, W H	699-7546
6627	ARREDONDO, MARY L	692-5485
7600	CANTRELL, DARRYL A	OX2-6211
7603	WESTLING, R H	OX 56553
7612	ASHER, VALERIE	699-5063
7613	MARION, P W	OX9-0266
7616	CINQUE, C R	695-6207
7619	GREENE, R N	OX 58980
7620	LENTO, RONALD J	699-9922
7629	KELLY, R J	OX 93737
7630	SMITH, J H	OX 52952
7634	STEPHENS, R F	OX 56573
7637	CRAWFORD, G R	OX 52391
7640	LA DUE, L	OX 59207
7642	KARPATI, E	OX 26692
7645	BURNS, MARY	695-2263
7648	HILBERG, D	OX 53066
7651	HIX, GEORGE	695-3971
7654	DAKES, H J	OX 57687
7657	LAPPIN, G L	OX 56559
7703	GURRIERI, MRS F	695-1739
7704	DORRIES, W A	OX 53445
7709	BLACKHURST, RICHARD	692-1936
7710	PEASE, N G	OX 92564
7714	WUETHRICH, A	OX 93202
7715	GRANADOS, ANGEL A	695-8487
7719	DEWART, I A	OX 97783
7720	RODRIGUEZ, FRANCES	695-7976
7725	BAUMAN, J H	OX 55445
7726	LINGWALL, J L	695-7256
7730	HENDERSON, J W	OX 26070
7736	STENGEL, L H	OX 56049
7737	WESSELMAN, L J	OX 93405
7740	KRAMER, S	695-7775
7743	BARNETT, M L	OX 96137
7743	BARNETT, MILAN L	692-2597
7747	JUERGENSEN, M	OX 21537
7752	BROWN, DALE W	695-3230
7753	DAKOS, H D	OX 21772
7802	SEARS, H A	OX 56106
7808	CHRISTOFFERSEN, M A	OX 93743
7812	PETTIT, W J	OX 28527
7815	KIELY, JOHN D	692-5161
7819	MARSHALL, JAMES F	695-9608
7822	SISKOWSKI, M R	OX 29482
7825	GINERIS, WILLIS R	695-3322
7828	ARABIAN, VIRGINIA	699-5732
8010	DAY, A P	OX 91665
8026	GIVENS, ROBERT G	699-1449
8032	ROBERTS, R E	OX9-0493
8106	MORGAN, G R	OX 25446
8112	GENTILLALLI, L	OX 51159
8118	RICE, ROBERT F	695-7895
8124	DIAZ, W C	OX 29128
8507	MORINO, A	OX 95664
8527	DORADO, A	OX 51136
8603	HEJNEMAN, W J	OX 28132
8604	PAUL, W M	OX 57844
8607	HARRISON, L C	OX 96437
8608	BLAISURE, ARNOLD	695-8634
8614	STINES, FRANCES R	692-6830
8620	RUNDLE, W J	OX 58524
8625	MC KIM, CLARENCE G	699-1483
8626	KRAFT, E B	OX 27845
8629	KUTLESA, M	OX 23035
8630	ACOSTA, J G	OX 98229
8633	MARTINEZ, M	OX 22379

PIONEER BLVD 1966

7740	KRALOVICH, P J	OX 56827
7746	ARCHIBALD, R E	OX 56104
7802	GIBSON, B L	OX 59965
7803	REESE, W V	OX 58865
7808	LILLY, A S	OX 57179
7812	THOMAS, R E	695-7915
7815	KIRK, J R	OX 58697
7818	COAKES, RICHARD R	OX 52707
7819	NAZAROFF, J G	695-6856
7824	SECORD, J H	OX 94946
7825	SALAS JR, J	OX 21731
7830	LULOFF, W F	OX 54172
7831	DELGADO, C	OX 91963
7834		OX 51729

WASHINGTON BLVD 1966

WASHINGTON BL E
90606

10506	□EQUESTRIAN TRAILS	699-4121
10506	WAMPLER, ERNIE	699-3609
10516	MILES, J M	699-7789
10808	STOREY, ANTHONY	692-5385
10820	INGLESE, J	OX 51544
10922	MATTHEWS, NICHOLAS C	695-4257
10934	STABILE, M	OX9-1193
11020	□LOUIES TEXACO SVC	699-9195
11038	□WILLIAM E FERRY CO	OX 92214
11040	□RED MULDOONS BARBERS	699-9282
11044	□BUILOING CONTRS ASSN	699-0226
11044	□WEACCO INC	OX 23746
11044	1/2□NAOMI S COIFFURES	695-2022
11048	□CEDAR PINE CONST	692-0301
11101	□WOOLWORTH CO, F W	OX 94214
11103	□YOUTH TOWN	OX 24212
11105		

DANBY AVE 1962

DANBY AV - S from 10300 blk
W Floral Dr

5700 * Garnica J. . . . OX 2-8679
5702 * Moore E Mrs. .OX 5-0061
5703 * Meyer R W. . . .OX 5-3244
5708 * Salazar M S
5709 * Hangartner F. .OX 9-8320
5712 * Tibbs L Mrs. . OX 5-9092
5713 * Herstrom M. . .OX 5-1645

Whittier Blvd Intersects

- 38 -

6014 Vacant
6016 Vacant
6017 Vacant
6018 Vacant
6020 Vacant
6031 Vacant
6026 Vacant
6027 Vacant
6030 Vacant
6031 * Ruyle M Mrs. .OX 5-6369
6034 Nelson Arth
6035 Vacant
6036 McCoy W H
6038 Vacant
6100 Vacant
6103 Frazier C A. . OX 9-5937
6104 Taylor B J
6106 Vacant
6107 * Vaughn D L. . . OX 5-9675
6112 Vacant
6113 * Pierce L J. . . .OX 5-8780
6116 Vacant
6117 Collins D S. . . .OX 5-1018
6121 Kimball W E. . OX 5-6255
6122 Vacant
6122 1/2 Vacant
6123 Vacant
6127 Roxsana E R
6127 1/2 All R K
6129 Vacant
6129 1/2 Vacant
6130 Vacant
6132 * Murray W J. . . OX 5-8884
6133 * Stewart W J. . . OX 5-3151

Holbrook Intersects

6200 * Beno H Mrs. . . . OX 9-6825
6201 * Melhuish H H. .OX 2-3512
6208 * Wiley R F.OX 2-3464
6209 Ortiz Moises. . .OX 2-9112
6212 * Miller A O. . . .OX 5-6793
6213 * McDowell E L. OX 2-2774
6218 * Henderson H. . .OX 5-5584
6219 * Williams E J. . .OX 2-2138
6225 * Mermis A F. . .OX 5-2804

DANBY AV - cont'd next page

DANBY AVE 1962

DANBY AV cont'd.

Loch Avon Dr Intersects

6302 * Harness C E.. OX 9-1807
 6303 No return
 6309 * Parmelee J F. OX 5-4573
 6310 Munyon H L...OX 5-8026
 6313 * Simon J M
 6318 * Schmelzer J J. OX 9-7666
 6319 * Jett C E..... OX 2-4338
 6323 * Hamlin F A... OX 2-1125

Loch Lommond Dr Intersects

6403 * Gibson O L... OX 9-2515
 6407 * Gregory V L... OX 5-7513
 6413 Vacant
 6418 * Gonzales A... OX 2-6852
 6419 * Blanco E..... OX 9-7305
 6425 * Ramsey J W... OX 2-3970
 6426 * Pizaroff A J
 6431 Dahlberg R... OX 2-5092
 6434 * Hall J A..... OX 9-4080

Bexley Dr Intersects

6435 * Dunn A L..... OX 5-2109
 6439 * DeLaura D T... OX 2-3047
 6445 * Doty F J..... OX 5-7380
 6451 * Carpenter C... OX 2-8288
 6503 * Wottke R E... OX 2-2108
 6511 Askew R W... OX 9-2282
 6515 * Zvara S J..... OX 5-2309
 6516 * Esque L V... OX 2-7446
 6519 * Pelletier H M. OX 2-8410

Townley Dr Intersects

6603 Arsenhault K... OX 2-7897
 6607 * Kosovich A E... OX 9-5917
 6613 * Lorey S J..... OX 5-4946
 6616 * Royle E L... OX 5-5247
 6617 * Russell G W... OX 5-2001
 6623 * Diesen R R... OX 2-4165
 6627 Zimmerman C. OX 2-8382

Reichling Ln Intersects

7202 Jones A R... OX 9-4341
 7203 Davies L S... OX 9-6293
 7208 * Taylor R W... OX 2-9708
 7209 LaFortune R... OX 5-3790
 7214 Aquin D L... OX 9-1589
 7215 Vacant
 7220 Giacconi J V... OX 2-8512
 7221 Vacant

Pioneer Blvd Intersects

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Balfour Intersects

7600 * Mitch Wm... OX 5-6331
 7603 * Westling R H... OX 5-6553
 7606 * Feely O J... OX 5-1933
 7613 * Asher E C... OX 9-5063
 7613 * Marion P W... OX 9-0266
 7616 * Cinque C R... OX 5-6207
 7619 * Greene R N... OX 5-8980
 7620 * Lento Frank... OX 9-4968
 7624 * Babcock W V... OX 5-4584
 7629 * Kelly R J... OX 9-3737
 7630 * Smith J H... OX 5-2952
 7634 * Stephens R F... OX 5-6573
 7637 * Crawford G R. OX 5-2391
 7640 No return
 7642 * Karpati E H... OX 2-6692
 7645 * Burns O G
 7648 * Hilberg D W... OX 5-3066
 7651 Naftz J jr... OX 5-0890
 7654 * Oakes H J... OX 5-7687
 7657 * Lappin G L... OX 5-6559

Choisser Intersects

7704 * Dorries W A... OX 5-3445
 7709 Blazina M Mrs. OX 9-5228
 7710 * Pease N G... OX 9-2564
 7714 * Wuethrich A... OX 9-3202
 7715 * Ryan G C... OX 2-5309
 7719 * Dewart I A... OX 9-7783
 7720 * McLaren F L... OX 5-6541
 7725 * Bauman J H... OX 5-5445
 7726 * Gore J D... OX 9-1754
 7730 * Henderson J W. OX 2-6070
 7731 * Zollins W J... OX 5-3525
 7736 * Stengel L H... OX 5-6049
 7737 * Wesselman L... OX 9-3405
 7740 * Beery R F... OX 2-9007
 7743 * Barnett M L... OX 9-6137
 7746 * Suell W E
 7747 * Juergensen M. OX 2-1537
 7752 * Sharpki A jr... OX 9-5361
 7802 * Sears H A... OX 5-6106

✓

DANBY AVE 1962

DANBY AV cont'd

7753 * Dakos H D.... OX 2-1772
 7803 * Beauchamp G P
 7808 * Christoffersen M A
 OX 9-3743
 7809 * Hickam L E... OX 5-8388
 7812 * Pettit W J.... OX 2-8527
 7815 * Townsend L... OX 5-6494
 7818 * Chase L R.... OX 5-3535
 7819 Nolan M M Mrs
 7822 * Siskowski M R. OX 2-9482
 7825 * Dishion W J... OX 5-5459
 7828 * Arabian V..... OX 9-1231
 7831 * Tortarolo A J. OX 5-3306
 7834 * Razo S B..... OX 5-8530
 7837 * Smith H A..... OX 9-9905

Washington Blvd Intersects

- 50 -

8010 * Seaman C Mrs. OX 9-1665
 8016 * Maxson R I... OX 2-5296
 8020 * Torres E P... OX 2-2782
 8026 * Givens R G... OX 9-1449
 8032 * Roberts R E.. OX 9-0453
 8102 * Campbell A M. OX 2-5882
 8106 * Thompson J H
 8112 * Gentillali L... OX 5-1159
 8818 * Rice R F..... OX 5-5827
 8124 Winn B J..... OX 2-6105

Benavon Intersects

- 51 -

Slauson Av Intersects

8507 * Morino Joe... OX 9-5664

Wheelock Intersects

8603 * Heineman W J. OX 2-8132
 8604 No return
 8607 * Harrison L C.. OX 9-6437
 8608 * Wiseman R D Rev
 OX 2-7688
 8613 * Vaughn C H... OX 9-2212
 8614 * Stines H O.... OX 2-6830
 8619 * Beebe J P.... OX 9-7848
 8620 * Rundle W J
 8625 * Moreland C H. OX 5-6610
 8626 Kraft Edw..... OX 9-7358
 8630 * Acosta J G.... OX 9-8229
 8633 * Martinez M O. OX 2-2379

Rivera Rd Intersects

9033 * Pasillas R R.. OX 2-7004
 9034 * Martinez A A.. OX 5-9815

- 1 -

PIONEER BLVD 1962

7830	*	Luloff W F	OX	9-1963
7831	*	Delgado C D	OX	5-1729
7834	*	Booth W R	OX	5-8772
7837		No return		
7840		No return		
7841	*	Maier F C	OX	5-0190
8103		Zamora F	OX	9-6631
8113		Plancorte Gilda Mrs		
8119		No return		
8125		Molnar A	OX	5-0328
8131	*	Reyes B C	OX	5-9758
8135	*	Gearhart O M		

WASHINGTON BLVD 1962

10506 * Cattermole Horace
 10516 * Simpson W B. OX 2-5227
 10535 No return
 # Bradwell Av Intersects
 # Bartley Av Intersects
 # Pioneer Blvd Intersects
 # Danby Av Intersects
 10808 * Coutts C C...OX 5-3393
 10820 * Inglese J J...OX 5-1544
 # Milna Av Intersects
 10906 * Gibson A Hjr OX 9-7362
 10922 * Bertini L M. OX 5-7928
 # Millergrove Dr Intersects
 10934 * Stabile M... OX 9-1193
 # Morrill Av Intersects
 11020 Leonard's Texaco
 Serv.....OX 9-9195
 11024 Conway Van rl est
OX 5-1013
 11025 Powerine Self Serv Sta
OX 9-9223
 11036 Wallace T W meats
OX 9-1102
 11038 Ferry V E pnts
OX 9-2214
 11040 Muldoon J R barber
 11042 Vacant

APPENDIX H

Previous Environmental Documents

**PHASE I ENVIRONMENTAL SITE ASSESSMENT
REPORT FOR STADIUM MODERNIZATION PROJECT
ON THE EXISTING PIONEER HIGH SCHOOL CAMPUS,
LOCATED AT 10800 BENAVENTON AVENUE, WHITTIER,
LOS ANGELES COUNTY, CALIFORNIA**

Prepared For:

WHITTIER UNION HIGH SCHOOL DISTRICT

9401 South Painter Avenue
Whittier, California 90605

Project No. 10084.001

January 25, 2013



Leighton Consulting, Inc.

A LEIGHTON GROUP COMPANY



Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

January 25, 2013

Project No. 10084.001

To: Whittier Union High School District
9401 South Painter Avenue
Whittier, California 90605

Attention: Mr. Don Lussier, Director of Facilities

Subject: Phase I Environmental Site Assessment for the Stadium Modernization Project on the Existing Pioneer High School Campus, Located at 10800 Benavon Avenue, Whittier, Los Angeles County, California.

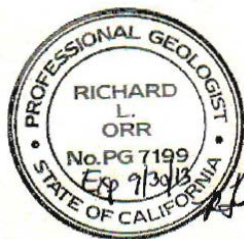
Leighton Consulting, Inc. (Leighton Consulting) is pleased to present this Phase I Environmental Site Assessment Report for the subject property. Leighton Consulting declares that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312.

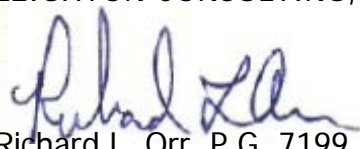
Leighton Consulting personnel have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. Leighton Consulting has developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

If you have questions regarding this report, please do not hesitate to contact us. We appreciate the opportunity to be of service.

Respectfully submitted,

LEIGHTON CONSULTING, INC.




Richard L. Orr, P.G. 7199
Associate Geologist

ZAF/RLO/rsm

Distribution: (3) Addressee

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Appendix B – Site Reconnaissance Photographs

Appendix C – GeoSearch Radius Report with Geoplus

Appendix D – Historical Aerial Photographs

Appendix E – Historical Topographic Maps

Appendix F – Sanborn Maps

Appendix G – City Directory

Appendix H – Environmental Lien Report

Appendix I – GeoSearch Oil/Gas Report

Appendix J – Assessor’s Parcel Maps

Appendix K – Records of Communication

Appendix L – ASFE – Information About Geoenvironmental Reports

1.0 INTRODUCTION

1.1 Authorization

Leighton Consulting, Inc. (Leighton Consulting) performed a Phase I Environmental Site Assessment (ESA) of the existing Pioneer High School stadium complex, Assessor Parcel Number (APN) 8177-019-905, located at 10800 Benavon Avenue, Whittier, Los Angeles County, California (collectively referred to as the "subject property" – Figures 1 and 2) in accordance with Whittier Union High School District's (WUHSD) authorization.

1.2 Purpose

The purpose of the Phase I ESA was to identify, to the extent feasible pursuant to the processes prescribed in ASTM International (ASTM) E1527-05 and the Department of Toxic Substances Control (DTSC) Phase I Environmental Site Assessment Advisory: School Property Evaluators (Revised September 5, 2001) and the California Code of Regulations (CCR) Title 22, Division 4.5, Chapter 51.5 –Phase I Environmental Site Assessment (Schools), recognized environmental conditions (RECs) in connection with the subject site. RECs are defined as: *the presence or likely presence of any hazardous substances or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include de minimus conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimus are not recognized environmental conditions"* (ASTM 1527-05, 2005).

Leighton Consulting understands that the WUHSD intends to modernize the Pioneer High School football stadium with the addition of new lights and structures at the subject property.

1.3 Scope of Work

The scope of work was performed in accordance with Leighton Consulting's proposal and included the following tasks:

- A reconnaissance-level visit of the subject site for evidence of release(s) of hazardous materials and petroleum products and to assess the potential for onsite releases of hazardous materials and petroleum products;
- Records Review (including review of previous environmental reports, selected governmental databases, and historical review);
- Interviews; and
- Preparation of a report presenting our findings.

1.4 Significant Assumptions

Leighton Consulting assumes that the purpose of this ESA is to provide appropriate inquiry into the previous ownership and use of the subject property so that the Client complies with the Department of Toxic Substances Control (DTSC) Phase I Environmental Site Assessment Advisory: School Property Evaluations (Revised September 5, 2001) and the California Code of Regulations (CCR) Title 22, Division 4.5, Chapter 51.5 –Phase I Environmental Site Assessment (Schools) and to provide screening level-review of environmental hazards in accordance with California Assembly Bill (AB) 387, Senate Bill (SB) 162 and the Education Code Sections (ECS) 17213.1 and 17210. Leighton Consulting also assumes that the information provided by the Client, regulatory database provider, and regulatory agencies is true and reliable.

1.5 Limitations and Exceptions

Site-specific activities performed by Leighton Consulting and information collected regarding these activities are summarized in the following sections. The findings of this ESA are presented in Section 7.0. Opinions, and conclusions drawn by Leighton Consulting, based on the information collected as part of the ESA, are presented in Sections 8.0 and 9.0, respectively.

This ESA was conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions.

The observations and conclusions presented in this report are professional opinions based on the scope of activities, work schedule, and information obtained through the ESA described herein. Opinions presented herein apply to site conditions existing at the time of our study and cannot necessarily be taken to apply to site conditions or changes that we are not aware of or have not had the opportunity to evaluate. It must be recognized that conclusions drawn from these data are limited to the amount, type, distribution, and integrity of the information collected at the time of the investigation, the methods utilized to collect and evaluate the data, and that a full and complete determination of environmental risks cannot be made. Although Leighton Consulting has taken steps to obtain true copies of available information, we make no representation or warranty with respect to the accuracy or completeness of this information.

1.6 Special Terms and Conditions

The scope of work for this Phase I ESA did not include testing of electrical equipment for the presence of polychlorinated biphenyls (PCBs) or collection of other environmental samples such as air, water, building materials, paint, or other media; assessment of the potential presence of radionuclides; or assessment of nonchemical hazards such as the potential for damage from earthquakes or floods, or the presence of endangered species or wildlife habitats. This ESA also did not include an extensive assessment of the environmental compliance status of the subject site or of businesses operating at the subject site, or a health-based risk assessment.

1.7 User Reliance

This report is for the exclusive use of the WUHSD. Use of this report by other parties shall be at such party's sole risk.

1.8 Important Information About Geoenvironmental Reports

The Client is referred to Appendix L regarding important information provided by the Associated Soil and Foundation Engineers (ASFE) on geoenvironmental studies and reports.

2.0 SITE DESCRIPTION

2.1 Location and Legal Description

The subject property is identified as the Pioneer High School stadium complex and is located at 10800 Benavon Avenue, Whittier, Los Angeles County, California (Figure 1 and 2). The County of Los Angeles Assessor's office designates the subject property as APN 8177-019-905 (Appendix J).

The legal description for APN 8177-019-905 is listed as *Lot 905 in block 19 of Book 8177, in the city of Whittier, county of Los Angeles, state of California* (Los Angeles County Assessor's Office, 2013).

2.2 Site and Vicinity General Characteristics

The subject property consists of the football stadium, field, and running track located at Pioneer High School. The subject property is bounded to the north by Pioneer High School. The subject property is bounded by to the east and south by residential development. The subject property is bounded to the west by Pioneer Avenue. Adjacent to the west of Pioneer Avenue is commercial development (Figure 2).

2.3 Current Use of the Subject Property

The subject property is currently part of an active high school.

Leighton Consulting understands that the WUHSD intends to modernize the Pioneer High School football stadium and track with the addition of structures and improved lighting at the subject site.

2.4 Descriptions of Structures, Roads and Other Improvements on the Site

The subject property consists of a football field, running track, "home" and "visitor" bleachers on the north and south sides of the football field, concession stands (one on each side of the field), and locker rooms (one on each side of the field). The structures are surrounded almost completely by asphalt or concrete hardscape. The running track is surrounded by grass to the east and west of the football field (Figure 2). Ten storm drains were observed on the subject property. The storm drains are located around the football field.

Natural Gas : Sempra Energy

Source of Potable Water : City of Whittier

Electric : Southern California Edison

Sewage Disposal : City of Whittier

Solid Waste Disposal : Burrtec Waste Industries

Heating and/or Cooling System: HVAC systems, electric and natural gas

2.5 Current Uses of Adjoining Properties

The subject property is currently bordered to the north, by Pioneer High School, south and east by residential development, and west by commercial development and Pioneer Boulevard.

3.0 USER PROVIDED INFORMATION

The user of this Phase I ESA is identified as the client and owner, WUHSD. As a part of the ASTM E1527-05 process, WUHSD completed a questionnaire on the property. A copy of this questionnaire is provided in Appendix K.

3.1 Title Records

A preliminary title report was not provided by WUHSD.

3.2 Environmental Liens or Activity and Use Limitations

WUHSD did not know of evidence of environmental liens or activity or land use limitations for the subject property. According to the GeoSearch Environmental Lien Search Report, no environmental liens have been issued for the subject property. A copy of the GeoSearch Environmental Lien Search Report has been provided in Appendix K.

3.3 Specialized Knowledge

WUHSD does not have specialized knowledge or experience related to subject property.

3.4 Commonly Known or Reasonably Ascertainable Information

WUHSD stated that the property is the existing Pioneer High School.

3.5 Valuation Reduction for Environmental Issues

WUHSD is not purchasing the property as they currently own the property.

3.6 Owner, Property Manager, and Occupant Information

Information for the subject property was provided to Leighton Consulting through an interview with Mrs. Annette Ledesma, Assistant Principal for Business and Activities at Pioneer High School and Mr. Luis Lagos, Head Custodian for Pioneer High School (Section 6.0). Mrs. Ledesma and Mr. Lagos did not provide the names and/or addresses of previous owners of the subject property.

3.7 Reason for Performing Phase I ESA

Leighton Consulting assumes that the purpose of this ESA is to comply with the Department of Toxic Substances Control (DTSC) Phase I Environmental Site Assessment Advisory: School Property Evaluations (Revised September 5, 2001) and the California Code of Regulations (CCR) Title 22, Division 4.5, Chapter 51.5 –Phase I Environmental Site Assessment (Schools) for school site modernizations.

3.8 Other

Other documents were not provided by WUHSD.

4.0 RECORDS REVIEW

4.1 Standard Environmental Record Sources

A search of selected government databases was conducted by Leighton Consulting using GeoSearch Radius Report with Geoplus environmental database report system. Details of the database search along with descriptions of each database researched are provided in the GeoSearch report (Appendix C). The report meets the government records search requirements of ASTM E1527-05 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. The database listings were reviewed within the specified radii established by the ASTM E1527-05.

4.1.1 Site

Facility Registry System (FRSCA): The Facility Registry System is a centrally managed EPA database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database. The database search identified the subject property as an FRSCA facility.

- **Pioneer High School, 10800 Benavon Street, Whittier** is an FRSCA facility that is located on the subject property. The facility is listed as having a National Center for Education Statistics program. The listing for the program described above does not appear to be of environmental concern.

Hazardous Waste Tanner Summary (HWTS): The HWTS database contains information extracted from copies of hazardous waste manifests received each year by the DTSC. The database search identified the subject property as a HWTS facility.

- **Pioneer High School, 10800 Benavon Street, Whittier** is a HWTS facility that is located on the subject property. The facility is listed as disposing of oils and organic solvents, oxygenated solvents, laboratory waste, asbestos containing waste, and PCB containing waste. No violations or releases are reported for the facility. Because the facility

has no violations or releases reported, the potential for environmental impacts appears to be low.

4.1.2 Offsite

Delisted National Priority List (USDNPL): The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. The database search did not identify DNPL facilities located within 1.0 mile of the subject property.

Department of Defense (DOD): The DOD database contains the location of Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD, and Marine DOD facilities of 640 acres or more. The database search did not identify DOD facilities located within 1.0 mile of the subject property.

Formerly Used Defense Sites (FUDS): The FUDS database contains an inventory of properties previously owned or leased to the United States and under Secretary of Defense jurisdiction. The database search did not identify FUDS facilities located within 1.0 mile of the subject property.

National Priority List (NPL): The EPA's national priority list (NPL) of uncontrolled or abandoned hazardous waste sites was reviewed for sites within a 1.0-mile radius of the subject property. To appear on the NPL, sites must have met or surpassed a predetermined hazard ranking system score, been chosen as a State's top priority site, pose a significant health or environmental threat, or be a site where the EPA has determined that remedial action is more cost effective than removal action. The database search did not identify NPL facilities located within 1.0 mile of the subject property.

No Longer Regulated Resource Conservation and Recovery Act – Corrective Action (NLRRCRAC): The NLRRCRAC database includes RCRA Corrective Action facilities that are no longer regulated by the EPA or do not meet other RCRA reporting requirements. The database search did not identify NLRRCRAC facilities located within 1.0 mile of the subject property.

Proposed National Priority List (PNPL): The PNPL database contains a list of proposed NPL facilities. The database search did not identify PNPL facilities located within 1.0 mile of the subject property.

Records of Decision (RODS): The RODS database contains information regarding decision documents that describe the chosen remedy for NPL (superfund) site remediation. The database also contains site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action. The database search did not identify RODS facilities located within 1.0 mile of the subject property.

Resource Conservation and Recovery Act – Corrective Action (RCRAC): The RCRAC database is maintained for sites, which are undergoing “a corrective action.” A corrective action order is issued when there has been a release of hazardous waste constituents into the environment from a RCRA facility. The database search did not identify RCRA Corrective Action facilities within 1.0 mile of the subject property.

Brownfields Management System (BF): The BF database contains information regarding brownfields properties. Brownfields are real property, the expansion, redevelopment, or reuse 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 the development pressures off of undeveloped, open land, and both improves and protects the environment. The EPA maintains the activities, including grantee assessment, cleanup and redevelopment, of various Brownfields grant programs through the Brownfields Management System database. The database search did not identify BF facilities within 0.5 mile of the subject property.

Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS): The EPA's Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) listings were reviewed to evaluate if sites within 0.5 mile of the subject property are listed for investigation. The CERCLIS database identifies hazardous waste sites that require investigation and possible remedial action to mitigate potential negative impacts on human health or the environment. The

database search did not identify CERCLIS facilities within 0.5 mile of the subject property.

No Further Remedial Action Planned (NFRAP): As of February 1995, CERCLIS sites designated "No Further Remedial Action Planned" (NFRAP) have been removed from CERCLIS. NFRAP sites may be sites where, following an initial investigation, no contamination was found, contamination was removed quickly without the need for the site to be placed on the NPL, or the contamination was not serious enough to require Federal Superfund action or NPL consideration. EPA has removed approximately 25,000 NFRAP sites to lift the unintended barriers to the redevelopment of these properties and has archived them as historical records so EPA does not needlessly repeat the investigations in the future. This policy change is part of the EPA's Brownfields Redevelopment Program to help cities, states, private investors and affected citizens to promote economic redevelopment of unproductive urban sites. The database search did not identify NFRAP facilities within 0.5 mile of the subject property.

No Longer Regulated Resource Conservation and Recovery Act – Treatment, Storage and Disposal (NLRRCRAT): The NLRRCRAT database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the EPA or do not meet other RCRA reporting requirements. The listings include facilities that formerly treated, stored, or disposed of hazardous waste. The database search did not identify NLRRCRAT facilities within 0.5 mile of the subject property.

Open Dump Inventory (ODI): The ODI database contains information on facilities or sites where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 6944 of the Solid Waste Disposal Act (42 U.S.C 6941 et seq.) and which is not a facility for disposal of hazardous waste. The database search did not identify ODI facilities located within 0.5 mile of the subject property.

Resource Conservation and Recovery Act - Treatment, Storage, and Disposal (RCRAT): The RCRAT database includes treatment, storage, and/or disposal facilities of hazardous waste in the RCRAInfo system. The database search did not identify RCRAT facilities within 0.5 mile of the subject property.

No Longer Regulated Resource Conservation and Recovery Act – Generator (NLRRCRAG): The NLRRCRAG database includes RCRA Generator facilities that are no longer regulated by the EPA or do not meet other RCRA reporting requirements. The database search did not identify NLRRCRAG facilities located on properties adjacent to the subject property.

Resource Conservation and Recovery Act – Generator (RCRAG): The RCRAG database includes facilities listed as generators of hazardous waste (large, small, and exempt) in the RCRAInfo system. The database search did not identify RCRAG facilities located on properties adjacent to the subject property.

Indian Leaking Petroleum Storage Tanks – Region 9 (INDLPSTR09): The INDLPSTR09 database list leaking underground storage tanks on Indian lands located in EPA Region 9 including the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa. The database search did not identify INDLPSTR09 facilities located within 0.5 mile of the subject property.

Open Dump Indian (ODINDIAN): The ODINDIAN database contains information on facilities or site on Indian lands where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 6944 of the Solid Waste Disposal Act (42 U.S.C 6941 et seq.) and which is not a facility for disposal of hazardous waste. The database search did not identify ODINDIAN facilities located within 0.5 mile of the subject property.

Indian Petroleum Storage Tanks – Region 9 (INDPSTR09): The INDPSTR09 database identifies the location of underground storage tanks on Indian lands located in US EPA Region 9. The database search did not identify INDPSTR09 facilities located within 0.25 mile of the subject property.

Department of Toxic Substances Control (CALSITES) Sites: The Department of Toxic Substances Control (DTSC) CALSITES database contains potential or confirmed hazardous substance release properties. The database search did not identify CALSITES facilities within 1.0 mile of the subject property.

Site Mitigation and Brownfields Reuse Program Database (ENVIROSTOR): The DTSC's ENVIROSTOR database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (NPL); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. ENVIROSTOR provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites. The database search identified 17 ENVIROSTOR facilities within 1.0 mile of the subject property. Each of the facilities was down gradient from the subject property.

Toxic Pits Cleanup Act Sites (TOXPITS): The TOXPITS database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The database search did not identify Toxic Pits facilities within 1.0 mile of the subject property.

California Processing Recycling Centers (PROC): The PROC database lists certified processors that are operating under the state of California's Beverage Container Recycling program. The database search did not identify PROC facilities within 0.5 mile of the subject property.

California Solid Waste Recycling Centers (SWRCY): The SWRCY database lists certified recycling centers that are operating under the state of California's Beverage Container Recycling Program. The database search identified one SWRCY facility within 0.5 mile of the subject property.

- **RePlanet, LLC/Tomara Pacific, Inc., 7810 Norwalk Boulevard, Whittier** is a recycling center that was certified for operation on May 1, 2012. No violations or releases are listed for the facility. Based on the lack of violations or releases the potential for this facility to impact the subject property appears low.

CORTESE List (CORTESE): The CORTESE database identifies public drinking water wells with detectable levels of contamination, hazardous substance sites selected for remedial action, sites with known toxic material identified through the abandoned site assessment program, sites with underground storage tanks (USTs) having a reportable release and solid waste disposal facilities from which there is known migration. The source is California Environmental Protection Agency/Office of Emergency Information. The database search identified eight CORTESE facilities within 0.5-miles of the subject property, of these four are located down gradient or cross gradient from the subject property. The remaining listings are described below.

- **Mobil Oil Station #18-E50, 8441 Pioneer Boulevard, Whittier:** For more information on this listing refer to the LUST section.
- **Chevron #9-0913, 8505 Pioneer Boulevard, Whittier:** For more information on this listing refer to the LUST section.
- **TOSCO – 76 Station No. 6907, 11025 East Washington Boulevard, Whittier:** For more information on this listing refer to the LUST section.
- **7-11 No. 20677, 8244 Norwalk Boulevard, Whittier:** For more information on this listing refer to the LUST section.

Leaking Underground Storage Tank (LUST): The LUST database contains information pertaining to reported LUSTs in the state. The database search identified eight LUST facilities within 0.5 miles of the subject property of these; four are located down-gradient or cross-gradient from the subject property. The remaining listings are discussed below.

- **Mobil Oil Station #18-E50, 8441 Pioneer Boulevard, Whittier** is a LUST facility located 0.06-miles west of and cross-gradient from the subject property. The listing is for two releases of gasoline that impacted groundwater. The first release was discovered on October 14, 1987. The affected soils around the UST were removed and disposed of and groundwater monitoring continued until June 30, 1999 when the case was closed by the Los Angeles Regional Water Quality Control Board. The second release was discovered on June 7, 2005.

Remediation began on October 15, 2008. The case is currently open with six groundwater monitoring wells sampled on a semi-annual basis. According to the most recent groundwater monitoring report for the site the area of impacts appears to be confined to the site (Blaes Environmental, 2012). The lead agency for the case is the Los Angeles Regional Water Quality Control Board. Because the impacts at the site do not appear to have the potential to migrate to the subject property and the facility is located cross-gradient of the subject property, the potential for environmental impacts to the subject property appears to be low.

- **Chevron #9-0913, 8505 Pioneer Boulevard, Whittier** is a LUST facility that is located 0.07 miles west of and cross-gradient from the subject property. The listing is for a gasoline release from dispenser piping that impacted soil only. The release was discovered on January 31, 1994 during tank closure. The affected soil was excavated and disposed of. The case was closed on August 26, 1996. The lead agency for the case was the Los Angeles Regional Water Quality Control Board. Because the status of the case is closed and the facility is located cross-gradient of the subject property, the potential for environmental impacts to the subject property appears to be low.
- **TOSCO – 76 Station No. 6907, 11025 East Washington Boulevard, Whittier** is a LUST facility that is located 0.44 miles northeast of and up-gradient from the subject property. The listing is for a gasoline release that impacted groundwater. The release was discovered on November 19, 1993 during tank closure. Dual phase extraction and monitored natural attenuation were used to remediate the site. Quarterly groundwater monitoring has been in effect at the site since 2000. The lead agency for the case was the Los Angeles Regional Water Quality Control Board. According to the most recent groundwater monitoring report for the site (HFA, 2012), the impact to the site appears to be confined to the site boundaries. Because the impacts appear to be confined to the site and there does not appear to be evidence of migration, the potential for environmental impacts to the subject property appears to be low.
- **7-11 No. 20677, 8244 Norwalk Boulevard, Whittier** is a LUST facility that is located 0.47 mile east of and up-gradient from the

subject property. The listing is for a gasoline release that impacted soil only. The release was discovered on June 3, 1992 during tank closure. Affected soils were excavated and disposed of offsite. The case was closed on July 23, 1996. The lead agency for the case was the Los Angeles Regional Water Quality Control Board. Based on the limited nature of the release and the distance from the subject property, the potential for environmental impacts to the subject property appears to be low.

GeoTracker Cleanup Sites (CLEANUPSITES): The GeoTracker Cleanup Sites database is maintained by the California Regional Water Quality Control Board (RWQCB). The database contains contaminated sites that impact groundwater or have the potential to impact groundwater, including spills, investigations, cleanup recoveries and reported leaking underground storage tank incidents. The database search identified 10 CLEANUPSITES listings within 0.5 mile of the subject property. Of these, five are located down-gradient or cross-gradient from the subject property. The remaining up-gradient locations are described below.

- **Miller Family Estate, 8448 Miller Grove Drive, Whittier** is a CLEANUPSITES facility that is located 0.02 miles southeast and cross-gradient from the subject property. The listing is for a diesel fuel release impacting soil only that was discovered on December 16, 1988 during tank closure. The case was closed on January 16, 1990. The lead agency for the case was the Los Angeles Regional Water Quality Control Board. Because the status of the case is closed and the facility is located cross-gradient of the subject property, the potential for environmental impacts to the subject property appears to be low.
- **Mobil Oil Station #18-E50, 8441 Pioneer Boulevard, Whittier:** For more information on this facility refer to the LUST section.
- **Chevron #9-0913, 8505 Pioneer Boulevard, Whittier:** For more information on this listing refer to the LUST section.
- **TOSCO - 76 Station No. 6907, 11025 East Washington Boulevard, Whittier:** For more information on this listing refer to the LUST section.

- **7-11 No. 20677, 8244 Norwalk Boulevard, Whittier:** For more information on this listing refer to the LUST section.

Needing Further Evaluation (NFE): The NFE database list properties that need further evaluation. These properties are suspected of being contaminated and need further assessment. The database search did not identify NFE facilities within 0.5 mile of the subject property.

No Further Action (NFA): The NFA database list properties in which the DTSC has made a clear determination that the property does not pose a problem to the environment or public health. The database search did not identify NFA facilities within 0.5 mile of the subject property.

School Property Evaluation Program Properties (SCH): The SCH database contains information regarding properties that contain proposed or existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. The database search did not identify SCH facilities within 0.5 mile of the subject property.

Solid Waste Information System (SWIS): The SWIS database contains an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites. The database search did not identify SWIS sites within 0.5 mile of the subject property.

Unconfirmed Properties Referred to Another Local or State Agency (REF): The REF database lists properties where contamination has not been confirmed and which were determined as not requiring direct DTSC Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency. The database search did not identify REF facilities within 0.5 mile of the subject property.

Voluntary Cleanup Program (VCP): The VCP databases 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 DTSCs costs. The database search did not identify VCP facilities within 0.5 mile of the subject property.

Waste Management Unit Database (WMUDS): The Waste Management Unit Database System is used to program tracking and inventories of waste management units. The database search did not identify WMUDS facilities within 0.5 mile of the subject property.

Aboveground Storage Tank (ABST): The ABST contains information regarding registered above ground storage tank (AST) facilities. The database search did not identify ABST facilities within 0.25 mile of the subject property.

Dry Cleaner Facilities (CLEANER): A list of dry cleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen industrial launderers; laundry and garment services. The database search did not identify CLEANER facilities within a search radius of 0.25 mile of the subject property.

DTSC's Registered Hazardous Waste Transporters (DTSCWT): The DTSCWT database contains information regarding registered hazardous waste transporters. The database search did not identify DTSCWT facilities within a search radius of 0.25 mile of the subject property.

Hazardous Waste Tanner Summary (HWTS): The HWTS database contains information extracted from copies of hazardous waste manifests received each year by the DTSC. The database search did not identify HWTS facilities within a search radius of 0.25 mile of the subject property.

Historical Underground Storage Tanks (HISTUST): The HISTUST database is a historical list of UST sites. The database search identified three HISTUST facilities within a search radius of 0.25 mile of the subject property. One listing was located down-gradient from the subject property, the remaining listings are described below.

- **J Keraler, 8441 Pioneer Avenue, Whittier** is a HISTUST facility that is located 0.06 miles west of and cross-gradient from the subject property. Three tanks are listed for this property: a 9,940 gallon unleaded gasoline tank, an 8,000 gallon leaded gasoline tank, a 6,000 gallon premium gasoline tank, and a 280 gallon waste oil tank. According to the records the tanks were installed in 1970 and

constructed of single walled unwrapped carbon steel. Because the facility is located cross-gradient of the subject property, the potential for environmental impacts to the subject property appears to be low.

- **Chevron 90913, 8505 South Pioneer Avenue, Whittier** is a HISTUST facility that is located 0.07 miles southwest of and down-gradient from the subject property. Three tanks are listed for this property: two 10,000-gallon tanks and a 1,000-gallon tank. The contents of the tanks were not listed. According to the records the tanks were installed in 1971 and constructed of single walled unwrapped carbon steel. Because the facility is located down-gradient of the subject property, the potential for environmental impacts to the subject property appears to be low.

Spills, Leaks, Investigation and Cleanup Recovery Listing (SLIC): The SLIC is managed by the RWQCB and lists unauthorized discharges from spills and leaks, other than from USTs or other regulated sites. The database search did not identify SLIC facilities within 0.25 mile of the subject property.

Statewide Environmental Evaluation and Planning System (SWEEPS): The SWEEPS database contains underground storage tank listings that were updated and maintained by a company contracted by the SWRCB in the early 1980s. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS database. The database search identified four SWEEPS facilities with a search radius of 0.25 mile of the subject property, of these two of the facilities are down gradient from the subject property. The remaining listings are described below.

- **Mobile Oil Crop S/S 11E50, 8441 S. Pioneer Boulevard, Whittier** is an active UST site. At the time the record was made the facility operated a 12,000-gallon tank containing regular unleaded gasoline, a 10,000-gallon tank containing regular unleaded gasoline, and a 10,000-gallon tank containing leaded gasoline. The facility also operated a 550-gallon waste oil tank. Four other waste tanks of indeterminate size are also listed for the site. Because the facility is cross gradient from the subject property, the potential for environmental impacts to the subject property appears to be low.

- **Chevron USA SS 913, 8505 S. Pioneer Boulevard, Whittier** is an active UST site. At the time the record was made the facility operated Four waste tanks of indeterminate size. Because the facility is down gradient from the subject property, the potential for environmental impacts to the subject property appears to be low.

Underground Storage Tank - Certified Unified Program Agencies (USTCUPA): The USTCUPA list is a compilation of listings of active UST facilities that was gathered from local regulatory agencies. The database search identified one USTCUPA facility within a search radius of 0.25-miles of the subject property.

- **Mobile Oil Crop S/S 11E50, 8441 S. Pioneer Boulevard, Whittier** is an active UST site. For more information on the history of this listing refer to the LUST section.

Water Well Database (WATERWELL): The WATERWELL database lists information regarding water wells in California. The database search did not identify WATERWELL facilities within 0.5 mile of the subject property.

Unmapped Listings: Four facilities were listed within the GeoSearch[®] report as “unlocatable listings”. Unlocatable listings are properties without a complete street address and therefore cannot be located on a map. Based on the description of the locations of the listings the potential for impact to the subject property appears low.

4.2 Additional Environmental Record Sources

4.2.1 Regulatory Agency Consultations

Leighton Consulting requested regulatory records from the following agencies for 10800 Benavon Avenue, Whittier, California. Copies of the records requests and associated responses can be found in Appendix K.

On December 11, 2012, a file review request was forwarded to the Los Angeles County Public Health Investigations via facsimile. A response dated December 26, 2012 stated that a file pertaining to the subject property was found.

On December 11, 2012, a file review request was forwarded to the California Regional Water Quality Control Board, Los Angeles Region (RWQCB) via facsimile. On December 20, 2012, Ms. Laura Gallardo at the RWQCB contacted Leighton Consulting and indicated that no files were found for the subject property.

On December 11, 2012, a file review request was forwarded to the Underground Storage Tank Program, Los Angeles County Department of Public Works via facsimile. On December 11, 2012, The Los Angeles County Department of Public Works responded by facsimile stating that no records exist for the subject property.

On December 11, 2012, a file review request was forwarded to the Department of Toxic Substances Control (DTSC), Chatsworth Office via facsimile. The DTSC Chatsworth Office responded in a letter, dated December 11, 2012, stating that no records exist for the subject property.

On December 11, 2012, a file review request was forwarded to the DTSC, Cypress Office via facsimile. The DTSC Cypress Office responded in a letter, dated December 11, 2012, stating that no records exist for the subject property.

On December 11, 2012, a file review request was forwarded to the Office of the State Fire Marshal, Pipeline Safety Division (OFSM) via facsimile. The OFSM responded in an email stating that no pipelines jurisdictional to the OFSM were located near the subject property.

4.2.2 Previous Environmental Assessment Reports

Leighton Consulting was not provided previous environmental reports to review.

4.3 Physical Setting Source(s)

Leighton Consulting reviewed pertinent maps and readily available literature for information on the physiography and hydrogeology of the subject property. A summary of this information is presented in the following subsections.

4.3.1 Topography

The subject property is located within Section 25 of Township 2 South, Range 12 West, of the San Bernardino Baseline and Meridian, Los Angeles County, California. Topographic map coverage of the subject property is provided by the United States Geological Survey (USGS) *Whittier, California* Quadrangle (1981). The track surrounding the football field is shown on the map. Evidence of oil wells or water wells was not indicated on the subject property. The elevation of the property is approximately 150-feet above mean sea level (amsl). The surrounding land slopes gently to the south southwest.

4.3.2 Surface Water

The San Gabriel River is located approximately 2,000 feet west of the subject property.

4.3.3 Geology and Soils

The subject property is located in the Los Angeles Basin. The basin is bounded on the north by the Santa Monica Mountains and the Puente Hills, on the east and south by the Santa Ana Mountains and San Joaquin Hills. The subject property is located in the east end of the basin approximately 3.0 miles south of the Whittier Fault zone and approximately 12.0 miles east of the Newport-Inglewood Fault. The subject property is underlain by Holocene and late Pleistocene young alluvial wash deposits consisting of unconsolidated silt, sand, and gravel.

4.3.4 Hydrogeology

The Site is located within the eastern portion of the San Gabriel Valley Groundwater Basin. The San Gabriel Valley Basin is bounded to the north by the Raymond fault and the contact between Quaternary sediments and the crystalline rocks of the San Gabriel Mountains, the basin is bounded to the south and west by the consolidated rocks of the Repetto and Merced Formations and by the Puente Hills. The basin is bounded on the east by the Chino and San Jose faults. The Rio Hondo and San Gabriel Rivers have their headwaters in the San Gabriel Mountains and flow south and west across the basin exiting at Whittier Narrows between the Puente and

Merced Hills. Waterbearing units within the basin consist of semi-consolidated and unconsolidated sediments of streams flowing out of the San Gabriel Mountains.

According to the Fourth Quarter Semi-Annual Conceptual Site Model Update 76 Service Station #6907 (HFA, 2013), depth to groundwater is approximately 35 feet below ground surface.

The school receives its drinking water and irrigation water supply from the City of Whittier.

4.3.5 Oil and Gas Fields

Leighton Consulting reviewed the California Department of Conservation, Division of Oil, Gas, and Geothermal Resources, Digital Online Mapping Service (DOGGR, 2012). No oil or gas wells were identified within 0.5-miles of the subject property. In addition, evidence of onsite oil or gas wells or oilfield-related facilities was not observed on the subject property or immediate surrounding area. Leighton Consulting also reviewed the GeoSearch Oil/Gas Report and no oil or gas facilities were identified within 0.5-miles of the subject property (Appendix I).

4.3.6 Naturally Occuring Hazardous Materials

The State of California Department of Health Services conducts ongoing radon surveys in the state. The results of the survey indicate that for the five samples obtained from residential homes in the zip code 90606, which includes the subject property, no samples contained greater than 4 picocuries per liter of air (pCi/l). Therefore, the potential for elevated radon levels at the subject site appears to be low.

A review of the USGS Santa Ana, San Bernardino, Long Beach and Los Angeles 30 x 60-minute geologic maps did not reveal the presence of ultramafic rock types with asbestiform minerals or other potential sources of naturally occurring asbestos within a 10-mile radius of the subject property.

Additionally, a review of the Whittier 7.5-minute quadrangles indicated that no mines or mining prospects were located within 1.0-miles of the subject property.

4.4 Historical Use Information on the Property

Leighton Consulting reviewed selected historical information on the subject property. These references were reviewed for evidence of activities, which would suggest the potential presence of hazardous substances at the subject property and to evaluate the potential for the subject property to be impacted by offsite sources of contamination. The following paragraphs are a chronological summary of the review.

4.4.1 Aerial Photographs

Historical aerial photographs were reviewed for information regarding past uses of the subject property. Aerial photographs were reviewed for the following years: 1928, 1938, 1947, 1956, 1968, 1976, 1982, 1998, and 2010. References are provided in Appendix A and copies of the aerial photographs are included in Appendix D.

In the **1928** aerial photograph, the subject property appears to have been used for agricultural purposes (orchard). Two structures appear present on the east side of the subject property. Properties to the north, south, and west of the subject property appear to be used for agricultural purposes (orchards). The subject property is bordered to the east by a dirt road. The property located adjacent to the east of the subject property appears to have been used for residential and agricultural purposes (orchard). A railroad track is visible approximately 800 feet south of the subject property.

In the **1938** aerial photograph, the subject property and the surrounding properties do not appear to have changed significantly.

In the **1947** aerial photograph, the subject property and the surrounding properties do not appear to have changed significantly.

In the **1956** aerial photograph, the subject property appears to be in the process of being graded. No structures are visible on the subject

property. The property adjacent to the north appears to be developed for agricultural use (orchards). The property adjacent to the east appears to be developed for agricultural and residential use. The property adjacent to the south appears to be developed for residential use. The property adjacent to the west appears to be vacant. Paved roads are visible adjacent to the south and east of the subject property.

In the **1968** aerial photograph, the subject property appears to be occupied by a portion of Pioneer High School. The subject property appears to be occupied by a running track, football field, bleachers, and a large structure near the northwest corner of the subject property. The property adjacent to the north is occupied by Pioneer High School. Adjacent to the east is a paved road. Across the road to the east the property is developed for residential use. Adjacent to the south is a paved road. Across the road to the south the property is developed for residential use. Further to the south several large commercial buildings are visible. Adjacent to the west is a paved road. Across the road to the west the land is vacant. Further to the west a north trending freeway is visible.

In the **1976** aerial photograph, the subject property and surrounding properties do not appear to have changed significantly. To the west some small residential buildings appear to have been constructed.

In the **1982** aerial photograph, the subject property and surrounding properties do not appear to have changed significantly.

In the **1998** aerial photograph, the subject property and surrounding properties do not appear to have changed significantly.

In the **2010** aerial photograph, the subject property and surrounding properties do not appear to have changed significantly. Minor residential infill has occurred east and southeast of the subject property.

4.4.2 Historical Topographic Maps

Historical topographic maps were reviewed for information regarding past subject property uses. Topographic map coverage of the subject property vicinity is provided by GeoSearch including: *Downey, California*

Quadrangle (1899, 1902, and 1947), and *Whittier, California* (1949, 1951, 1965, 1972 photorevised, and 1981 photorevised). References are provided in Appendix A and copies of the maps have been provided in Appendix E.

1899: Structures, tanks, or wells were not depicted on the subject property or surrounding properties.

1902: Structures, tanks, or wells were not depicted on the subject property or surrounding properties.

1947: Tanks or wells were not depicted on the subject property. The subject property is depicted as being occupied by orchards. The property adjacent to the north is also depicted as occupied by orchards. An unnamed paved road is depicted bordering the subject property to the east. Farther to the east the land is primarily vacant with scattered residences. The property adjacent to the south is occupied by orchards and two small structures. The property adjacent to the west is occupied by orchards. The San Gabriel River is shown west of the subject property.

1949: The remainder of the subject property is covered with agriculture. The properties adjacent to the north, east, south, and west are occupied by agriculture and small possibly residential structures. Adjacent to the east is an unnamed paved road.

1951: The subject property and surrounding properties do not appear to have changed significantly. Two large oil reservoirs are depicted approximately 1.6 miles southeast of the subject property.

1965: The subject property is occupied by a portion of Pioneer High School. An elliptical track is depicted on the subject property. The property adjacent to the north is occupied by Pioneer High School. The subject property is bordered by paved roads to the east, south, and west. The properties across the roads to the east and south are occupied by residential development. The property across the road to the west is vacant. Interstate 605 is depicted approximately 500 feet west of the subject property.

1972: The subject property and surrounding properties do not appear to have changed significantly.

1981: The subject property and surrounding properties do not appear to have changed significantly

4.4.3 Fire Insurance Maps

Fire insurance maps, or Sanborn[®] maps, are detailed city plans showing building footprints, construction details, use of structure, street address, etc. The maps were designed to assist fire insurance agents in evaluating the degree of hazard associated with a particular property. Sanborn Maps were produced from approximately 1867 to the present for commercial, industrial, and residential sections of approximately 12,000 cities and towns in the United States.

According to GeoSearch Sanborn[®] Map Report, there is no Sanborn map coverage for the subject property. A copy of this report has been provided in Appendix F.

4.4.4 Historical City Directories

GeoSearch provided the City Search Standard Report on December 18, 2012. City Directories were reviewed for 1964 to 2008 (Appendix G). The following are the listings for the Site address:

10800 Benavon Street

R.L. Polk and Co. 1964-65 – Street not listed.

Haines Directory 1972 – Pioneer High School.

Haines Directory 1976 – Pioneer High School.

Haines Directory 1981 – Pioneer Community Sc.
Pioneer High School.

Haines Directory 1984 – LA Co Pks & Rec Pools.
Pioneer Cmnty School.
Pioneer Little Lge

Haines Directory 1987 – LA Co Pks & Rec Pools.

Pioneer Cmnty School.

Pioneer High School.

Pioneer Little Lge.

Haines Directory 1991-92 – Pioneer Cmnty School.

Pioneer High School.

Pioneer Little Lge.

Haines Directory 1997-98 – Pioneer High School.

Haines Directory 2002-03 – Pioneer High School.

Haines Directory 2007-08 – CARS Net

Pioneer High School.

Whittr Chrysler.

4.4.5 Property Tax Files

Property tax files were not reviewed as a part of this assessment as they were not reasonably ascertainable.

4.4.6 Recorded Land Title Records

WUHSD did provided Leighton Consulting with a 50 year chain-of-title for the subject property.

4.4.7 Building Department, Zoning and/or Land Use Records

On December 20, 2012, Leighton Consulting reviewed the County of Los Angeles website for zoning and land use information for the subject property. The website indicated that the land use and the zoning for the subject property is R-A for use as residential or agricultural.

4.4.8 Other Historical Sources

Additional resources were not researched as a part of this assessment.

4.4.9 Prior Assessment Usage

Prior assessments were not disclosed nor provided to Leighton Consulting.

4.4.10 Summary of Historical Land Use

Based on historical records, land usage is summarized as follows:

Time Period	Land Usage	Reference
Prior to 1899	Unknown	
1899 to 1902	Undeveloped land	Topographic Maps
1902 to 1928	Unknown	
1928 to 1956	Agricultural	Topographic Maps, Aerial Photographs,
1956 to Present	Pioneer High School	Topographic Maps, Aerial Photographs, Site Reconnaissance, and Interviews

5.0 SITE RECONNAISSANCE

5.1 Methodology and Limiting Conditions

On January 9, 2013, a Leighton Consulting environmental professional conducted a reconnaissance-level assessment of the subject property. The site reconnaissance consisted of the observation and documentation of existing conditions and nature of the neighboring property development within 0.25 mile of the subject property. Photographs of the subject property are presented in Appendix B and their view directions are noted on Figure 2. Items noted during the site reconnaissance are also noted on Figure 2.

5.2 General Site Setting

The subject property is currently a portion of Pioneer High School. The subject property is bounded to the north by the main campus of Pioneer High School. To the south the subject property is bordered by Slauson Avenue. Adjacent to the south across Slauson Avenue are residential properties. Adjacent to the west is Pioneer Avenue. Adjacent to the west across Pioneer Avenue are commercial properties and Interstate 605. Adjacent to the east is Millergrove Drive. Adjacent to the east across Millergrove Drive are residential properties.

The subject property consists of 12 permanent structures and four large storage containers. The bleachers on the visitor side of the football field are surrounded on four sides by concrete while the area beneath the bleachers is unpaved. The ground surrounding the bleachers on the home side is paved.

Two snack bar buildings located west of the home and visitor bleachers are surrounded by concrete. Three storage containers east of the home bleachers are located on unpaved ground, the remaining storage container located west of the home bleachers is located on asphalt. The bleachers of both baseball fields and the home and visitor dugouts on the varsity baseball field are situated on unpaved ground. Two large storm drains are located on the sidelines of the football field. Eight smaller storm drains were observed surrounding the football field.

5.3 Exterior and Interior Observations

5.3.1 Hazardous Substances, Drums, and Other Chemical Containers

Hazardous substances, drums, and other chemical containers were not observed on the subject property.

5.3.2 Storage Tanks

Evidence of underground storage tanks (USTs) (such as vent lines, fill or overfill ports) and aboveground storage tanks (ASTs) was not observed on the subject property.

5.3.3 Polychlorinated Biphenyls (PCBs)

One pad-mounted transformer was observed beneath the home side bleachers on the subject property. The transformer was not oil filled and no staining was visible on the ground beneath it. The transformers appeared to be in good condition.

Pole-mounted transformers were not observed on the subject property.

5.3.4 Waste Disposal

The solid waste disposal company that is used for the subject property is Burrtec Waste Industries.

5.3.5 Dumping

Evidence of dumping was not observed on the subject property.

5.3.6 Pits, Ponds, Lagoons, Septic Systems, Wastewater, Drains, Cisterns, and Sumps

Evidence of pits, ponds, lagoons, wastewater, sumps, cisterns, and septic systems was not observed at the subject property. Ten stormwater drains were observed on the subject property. The stormwater drains are plumbed to the city storm sewer. Floor drains were present in the

bathrooms in the snack bar buildings. These drains are plumbed to the sanitary sewer.

5.3.7 Pesticide Use

Pesticides were not observed on the subject property. However, the subject property has a history of agriculture use prior to being developed as Pioneer High School. According to Luis Lagos, the head custodian for Pioneer High School, pesticides are not applied to the football field, Pioneer High School contracts with a professional exterminator for incidental pest control when necessary.

5.3.8 Staining, Discolored Soils, Corrosion

Soil staining was not observed on the subject property.

5.3.9 Stressed Vegetation

Stressed vegetation was not observed on the subject property.

5.3.10 Unusual Odors

Unusual odors were not detected on the subject property.

5.3.11 Onsite Wells

Petroleum, gas or groundwater wells were not observed on the subject property.

5.3.12 Other Observations

No other environmental concerns were observed or reported during the site reconnaissance.

6.0 INTERVIEWS

Leighton Consulting conducted interviews with persons having knowledge of current or past subject property usage. Interviews were conducted either orally or in the form of a written questionnaire. Written responses are included as Appendix K.

6.1 Interview with Owner

Leighton Consulting interviewed Ms. Annette Ledesma, Assistant Principal for Business and Activities, and Mr. Luis Lagos, head custodian for Pioneer High School, on January 9, 2012. Ms. Ledesma and Mr. Lagos stated that the subject property had been occupied by Pioneer High School since 1959 and that the land had been agricultural prior to that. Ms. Ledesma and Mr. Lagos stated that, to their knowledge, there are no environmental issues with the subject property.

6.2 Interview with Site/Property Manager

Refer to section 6.1 above.

6.3 Interviews with Occupants

There are no permanent occupants associated with the subject property.

6.4 Interviews with Local Government Officials

Leighton Consulting did not interview employees with local government agencies to request information regarding historic and current uses of the subject property with the exception of those noted in Section 4.2.

6.5 Interviews with Others

Leighton Consulting did not conduct other interviews for this Phase I ESA with the exception of the User Interview described in Section 3.0.

7.0 FINDINGS

Leighton Consulting performed a Phase I ESA at a portion of Pioneer High School (APN 8177-019-905), located at 10800 Benavon Avenue, Whittier, California in accordance with WUHSD's authorization.

7.1 Onsite

Historically, the subject property was used as agricultural land (orchards) from 1938 to 1959 and has been used as Pioneer High School since 1959. The two oldest structures on the subject property (home and visitor bleachers) appear to have been built between 1959 and 1968. The remaining structures appear to have been constructed at various times between 1968 and 2010.

A file for the subject property was identified at the Los Angeles County Department of Public Health Investigations.

7.2 Offsite

Historically, the adjacent properties were undeveloped land and developed for agricultural or residential use. An active LUST site (gas station) was identified north-northeast of the subject property, the release appears to be contained onsite.

7.3 Data Gaps

Leighton Consulting reviewed the historical records for the subject property and identified that the subject property was undeveloped in 1902, but that the subject property was being used for agricultural purposes from before 1928 until about 1956. Based on the information available Leighton Consulting was unable to evaluate when agricultural use of the subject property began.

A file pertaining to the subject property was found at the Los Angeles County Department of Public Health.

It is Leighton Consulting's opinion that the data gaps described above will not impact the conclusions and recommendations regarding the subject property.

8.0 OPINION

8.1 Onsite

It is Leighton Consulting's opinion that, based on the past agricultural use of the land, agricultural chemicals consisting of pesticides and fertilizers may have been used onsite but that the length of time since these chemicals have been applied is great enough that they no longer pose a health risk (DTSC, 2008). Inorganic metal-based pesticides do not degrade over time and have the potential to impact the subject property if they had been applied in the past.

Based on the age of some of the building on the subject property, it is Leighton Consulting's opinion that hazardous substances such as lead-based paint and asbestos containing materials may be present on the buildings. Organochlorine pesticide termiticides may have been used around wooden structures on the subject property.

Current or former on-site transformers could potentially contain PCBs. A release of PCBs could have impacted the soil at the subject property.

8.2 Offsite

It is Leighton Consulting's opinion that the adjacent properties do not have the potential to impact the subject property.

9.0 CONCLUSIONS

Leighton Consulting performed a Phase I ESA for the subject property in conformance with the scope and limitations of ASTM Practice E1527-05 and the Department of Toxic Substances Control (DTSC) Phase I Environmental Site Assessment Advisory: School Property Evaluations (Revised September 5, 2001) and the California Code of Regulations (CCR) Title 22, Division 4.5, Chapter 51.5 –Phase I Environmental Site Assessment (Schools) of a portion of Pioneer High School (APN 8177-019-905), located at 10800 Benavon Street, Whittier, California. Exceptions to, or deletions from, this practice are described in Section 1.5 of this report. This assessment has revealed no evidence of RECs in connection with the property except for the following:

- The site has been historically used for agriculture purposes.
- The home and visitor bleachers, tennis courts and two small permanent structures east and west of the home bleachers on the subject property were constructed prior to 1973 and may contain lead-based paint, asbestos containing materials, and termiticides. Additionally, several cargo containers of indeterminate age were also identified on the subject property. These may have also been coated with lead based paint.
- One pad-mounted transformer of indeterminate age was identified on the subject property.

Based on the findings of the Phase I, Leighton Consulting recommends:

- A Phase I addendum investigation to evaluate the potential presence of arsenic in soils within the modernization footprint at the subject property resulting from the former agricultural use, as well as the use.
- A Phase I addendum investigation to evaluate the potential for the presence of lead and OCPs around structures on the subject property.
- A Phase I addendum investigation to evaluate the potential presence of PCBs in the vicinity of the transformer on the subject property that will be disturbed by the modernization.
- Review of the file for the subject property at the Los Angeles County Department of Public Health.

- Prior to demolition or renovation of the site buildings, a survey to investigate for the potential presence of lead-based paint and asbestos should be performed. If asbestos or lead-based paint is found in the building materials that will be disturbed by the demolition/renovation activities, the material should be abated by a qualified contractor under current local, state, and federal regulations.

10.0 DEVIATIONS

Leighton Consulting did not deviate from or alter the scope of work, as defined in Section 1.3 of this report. Significant data gaps were not identified that affect the ability of Leighton Consulting to identify RECs at the subject property.

11.0 ADDITIONAL SERVICES

Leighton Consulting did not perform additional services beyond the scope of this Phase I Environmental site assessment.

12.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

12.1 Corporate

Leighton Consulting, Inc. is a California corporation, providing geotechnical and environmental consulting services throughout California. We are solely a consulting firm without interests in real property other than our seven offices in Southern California. We provide professional environmental consulting services including application of science and engineering to environmental compliance, hazardous materials/waste assessment and cleanup, and management of hazardous, solid and industrial waste. Phase I Environmental Site Assessments are a part of this practice area and have been conducted by us.

12.2 Individual

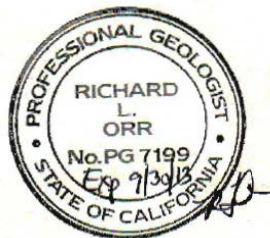
The qualifications of the Project Manager meet the Leighton Consulting corporate requirements for performing Phase I ESAs as specified by ASTM E1527-05. In addition, Mr. Richard L. Orr is a California Professional Geologist.

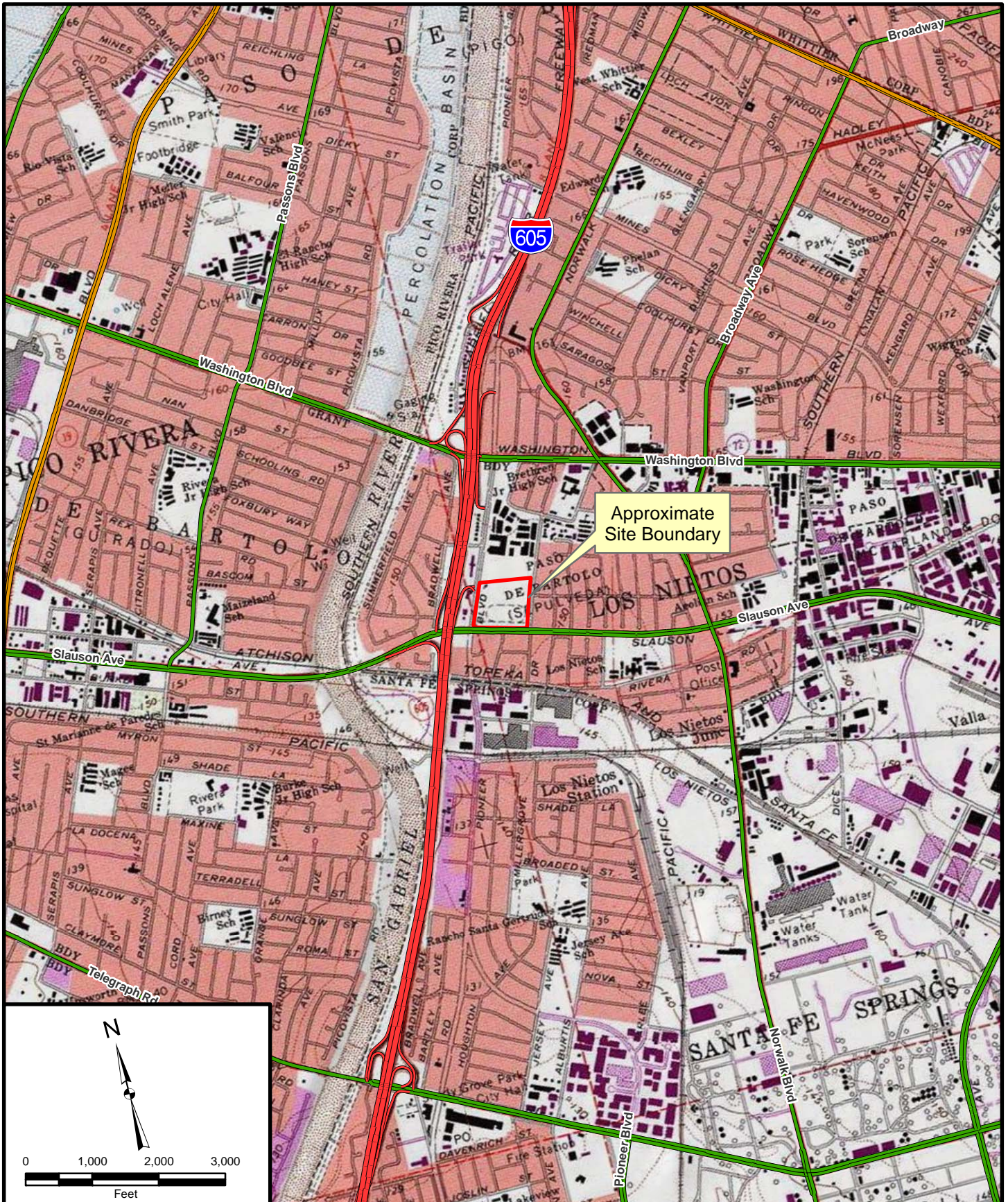
12.3 Environmental Professional Statement

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined by §312.10 of 40 CFR Part 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Richard L. Orr, P.G.
Associate Geologist



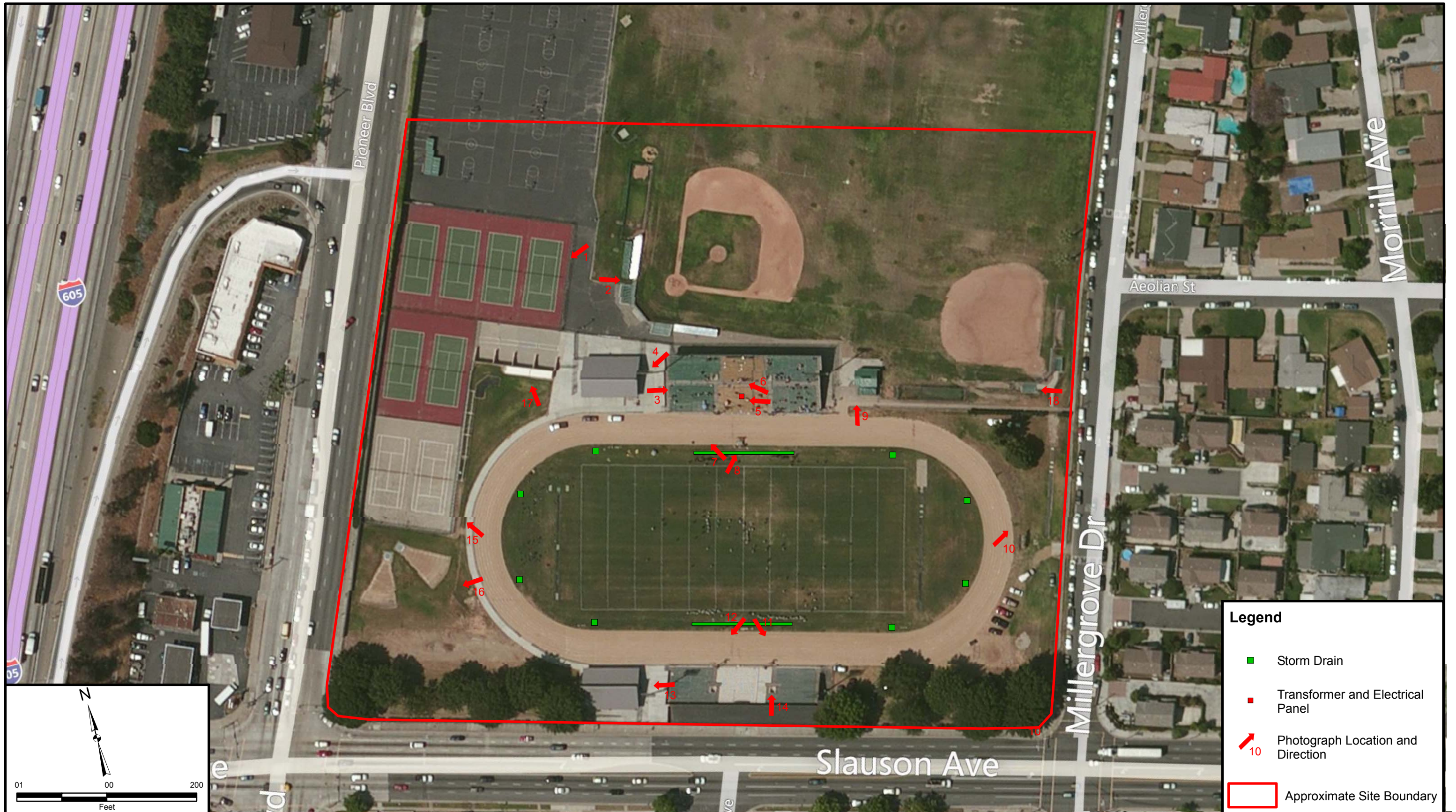


Project: 10084.001	Eng/Geol: RLO
Scale: 1" = 2,000'	Date: January, 2013
Base Map: ESRI Resource Center, 2010 Thematic Info: Leighton Author: Geomatics (btran)	

SITE LOCATION MAP
 Pioneer High School Stadium Modernization
 10800 Benavon Avenue
 Whittier, California

Figure 1

Leighton



Legend

- Storm Drain
- Transformer and Electrical Panel
- ↗ Photograph Location and Direction
- Approximate Site Boundary

N

01 00 200
Feet

Project: 10084.001	Eng/Geol: RLO
Scale: 1" = 100'	Date: January, 2013
Base Map: Microsoft Bing 2012 Thematic Info: Leighton Author: Geomatics (btran)	

SITE PLAN
Pioneer High School Stadium Modernization
10800 Benavon Avenue, Whittier, California

Figure 2

Leighton

Appendix A

References

APPENDIX A

References

American Society for Testing and Materials, ASTM, 2005, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-05, dated November 1, 2005.

Blaes Environmental, 2012, Groundwater Monitoring Report, Second Quarter 2012 Circle K Store #2211211/CRWQCB LAR Case #I-01034A, 8441 Pioneer Boulevard South, Whittier, Los Angeles, California 90606, Dated August 30, 2012.

California Code of Regulations, Title 5, Division 1, Chapter 13, Subchapter 1, Section 14010.

California Department of Conservation, Division of Oil, Gas, and Geothermal Resources, Digital Online Mapping Service <http://maps.conservation.ca.gov/doms/doms-app.html>, Updated July 23, 2012, Accessed December 19, 2012.

California Department of Education, 2000, *School Site Selection and Approval Guide*, School Facilities Planning Division.

California Department of Health Services, California Statewide Radon Survey, dated May 4, 2010, <http://www.cdph.ca.gov/HealthInfo/environhealth/Documents/Radon/CaliforniaRadonDatabase.pdf>, accessed January 4, 2013.

California Education Code, Section 17213.

Department of Toxic Substances Control, 2001, Phase I Environmental Site Assessment Advisory: School Property Evaluations, revised September 5, 2001.

Department of Toxic Substances Control, 2006, Interim Guidance 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, revised June 9, 2006.

Department of Toxic Substances Control, 2006A, Update on Phase I Environmental Site Assessments for School Sites; All Appropriate Inquiries; ASTM E1527-05, dated October, 2006.

Department of Toxic Substances Control, 2008, Interim Guidance for Sampling Agricultural Properties (Third Revision), dated April 30, 2008.

Geosearch Aerial Photographs:

Date	Photo Identification Number	Scale	Source
December 31, 1928	NA	1"=500'	Fairchild
May 23, 1938	NA	1"=500'	USDA
June 22, 1947	NA	1"=500'	Fairchild
July 19, 1956	NA	1"=500'	Fairchild
August 23, 1968	NA	1"=500'	Teledyne
March 12, 1976	NA	1"=500'	Teledyne
January 31, 1982	NA	1"=500'	Aerial Map Industries
1998	NA	1"=500'	USDA
April 25, 2010	NA	1"=500'	USDA

GeoSearch City Directory Standard Report, December 18, 2012.

GeoSearch Environmental Lien Search Report, January 23, 2013.

GeoSearch Radius Report with Geoplus Map, December 13, 2012.

GeoSearch Historical Topographic Maps.

Date	Map Name	Scale
1899	<i>Downey</i>	1:62,500
1902	<i>Downey</i>	1:62,500
1942	<i>Downey</i>	1:62,500
1949	<i>Whittier</i>	1:24,000
1951	<i>Whittier</i>	1:24,000
1965	<i>Whittier</i>	1:24,000

1965-Photorevised 1972	<i>Whittier</i>	1:24,000
1965-Photorevised 1981	<i>Whittier</i>	1:24,000

GeoSearch Oil/Gas Report, December 13, 2012.

GeoSearch Sanborn® Map Report, December 13, 2012.

Holguin, Fahan, and Associates (HFA), 2013, Fourth Quarter 2012 Semi-Annual Site Conceptual Model Update 76 Service Station #6907 (351479) 11025 Washington Boulevard, Whittier, California (CRWQCB-LAR Case #R-11066), Dated January 8, 2013, http://geotracker.waterboards.ca.gov/esi/uploads/geo_report/7090330004/T0603705011.PDF, Accessed January 14, 2013.

Rand McNally, 2006, *The Thomas Guide*, Los Angeles and Orange Counties.

United States Geological Survey Topographic Map, *Whittier, California 7.5 Minute Quadrangle* (1981).

Appendix B

Site Reconnaissance Photographs

SITE PHOTOS

PHOTO NO. 1:

Tennis courts on the northeast side of the subject property, view looking southwest.



PHOTO NO. 2:

Varsity baseball bleachers, backstop and dugout. View looking east.



SITE PHOTOS

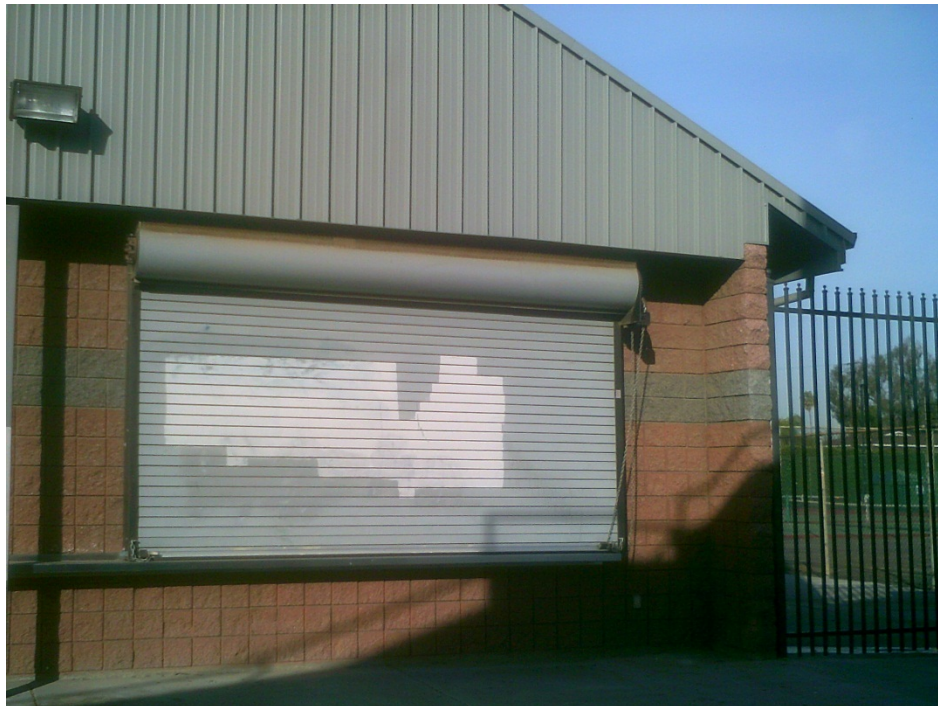
PHOTO NO. 3:

View looking east beneath the home bleachers. Object in the center of the frame is an electrical switch pannel



PHOTO NO. 4:

Recently constructed snackbar building on the north side of the subject property. View looking northeast.



SITE PHOTOS

PHOTO NO. 5:

Stadium lighting transformer beneath home bleachers, view looking west.

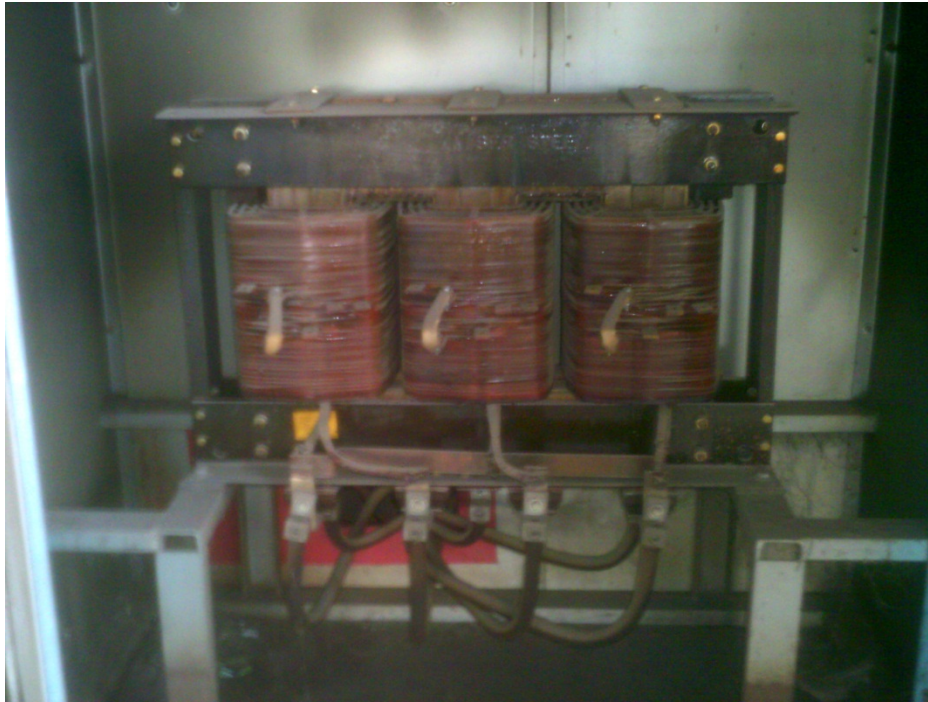


PHOTO NO. 6:

Electrical panel adjacent to transformers, view looking northwest.



SITE PHOTOS

PHOTO NO. 7:

West side of home bleachers, view looking northwest



PHOTO NO. 8:

East side of home bleachers. View looking northeast. Field storm drain is visible in the bottom right portion of the frame



SITE PHOTOS

PHOTO NO. 9:

Football equipment storage shed and container. View looking north.



PHOTO NO. 10:

Residential structures adjacent to the east of the subject property. View looking northeast



SITE PHOTOS

PHOTO NO. 11:

View of the west side of the visitor bleachers. View looking southwest.



PHOTO NO. 12:

View of the east side of the visitor bleachers. View looking southeast.



SITE PHOTOS

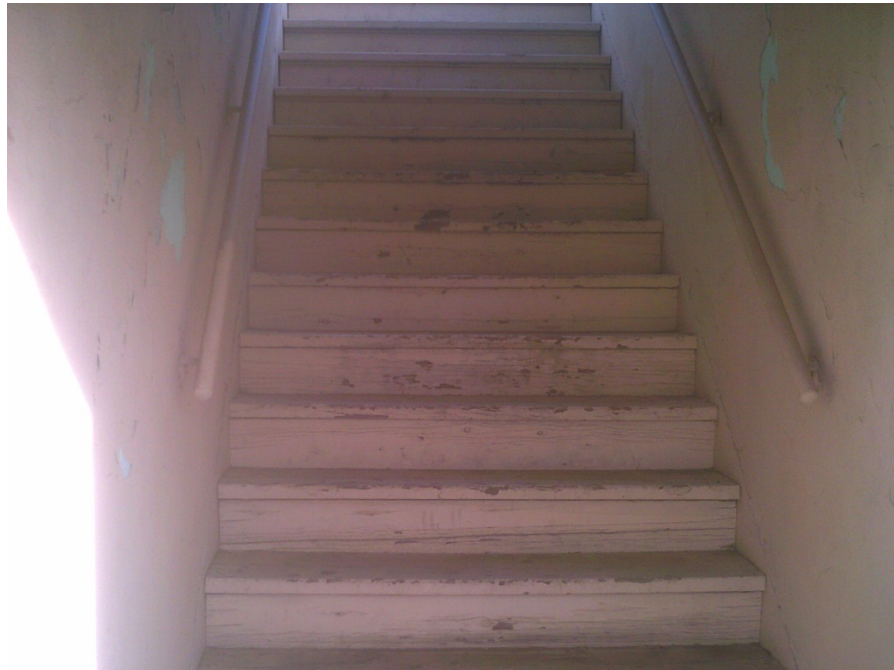
PHOTO NO. 13:

View of the recently constructed snackbar on the south side of the subject property. View looking southwest.



PHOTO NO. 14:

Peeling paint in the visitor bleachers entrance stairway. View looking north.



SITE PHOTOS

PHOTO NO. 15:

Southern tennis courts on the west side of the subject property. View looking northwest.



PHOTO NO. 16:

View of a service station adjacent to the west of the subject property. View looking west.



SITE PHOTOS

PHOTO NO. 17:

Sports equipment storage containers west of the northern snackbar. View looking north.



PHOTO NO. 18:

Painted wood and steel bleachers adjacent to the varsity baseball field. View looking west.



Appendix C

GeoSearch Radius Report with Geoplus



GeoPlus Radius Report

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000050930>

Click on link above to access the map and satellite view of current property

Target Property:

**Pioneer High School Stadium Improvements
10800 Benavon Street
Whittier, Los Angeles County, California 90606**

Prepared For:

Leighton Consulting

Order #: 21901

Job #: 50930

Project #: 10084001

PO #: 10084001RLO

Date: 12/13/2012

TARGET PROPERTY SUMMARY

Pioneer High School Stadium Improvements
10800 Benavon Street
Whittier, Los Angeles County, California 90606

USGS Quadrangle: **Whittier, CA**
Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):
(-118.079462, 33.966581), (-118.079462, 33.966581), (-118.079002, 33.967785), (-118.081167, 33.968261),
(-118.081668, 33.967074), (-118.079471, 33.966557), (-118.079462, 33.966581)

County/Parish Covered:
Los Angeles (CA)

Zipcode(s) Covered:
Pico Rivera CA: 90660
Santa Fe Springs CA: 90670
Whittier CA: 90606

State(s) Covered:
CA

***Target property is located in Radon Zone 2.**
Zone 2 areas have a predicted average indoor radon screening level between 2 and 4 pCi/L
(picocuries per liter).

Disclaimer - The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers and independent contractors cannot be held liable for actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.



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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
<u>FEDERAL</u>				
AEROMETRIC INFORMATION RETRIEVAL SYSTEM / AIR FACILITY SUBSYSTEM	AIRSAFS	0	0	Target Property
BIENNIAL REPORTING SYSTEM	BRS	0	0	Target Property
CLANDESTINE DRUG LABORATORY LOCATIONS	CDL	0	0	Target Property
EPA DOCKET DATA	DOCKETS	0	0	Target Property
FEDERAL ENGINEERING INSTITUTIONAL CONTROL SITES	EC	0	0	Target Property
EMERGENCY RESPONSE NOTIFICATION SYSTEM	ERNSCA	0	0	Target Property
FACILITY REGISTRY SYSTEM	FRSCA	1	0	Target Property
HAZARDOUS MATERIALS INCIDENT REPORTING SYSTEM	HMIRSR09	0	0	Target Property
INTEGRATED COMPLIANCE INFORMATION SYSTEM (FORMERLY DOCKETS)	ICIS	0	0	Target Property
INTEGRATED COMPLIANCE INFORMATION SYSTEM NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	ICISNPDES	0	0	Target Property
MATERIAL LICENSING TRACKING SYSTEM	MLTS	0	0	Target Property
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM	NPDES09	0	0	Target Property
PCB ACTIVITY DATABASE SYSTEM	PADS	0	0	Target Property
PERMIT COMPLIANCE SYSTEM	PCSR09	0	0	Target Property
RCRA SITES WITH CONTROLS	RCRASC	0	0	Target Property
CERCLIS LIENS	SFLIENS	0	0	Target Property
SECTION SEVEN TRACKING SYSTEM	SSTS	0	0	Target Property
TOXICS RELEASE INVENTORY	TRI	0	0	Target Property
TOXIC SUBSTANCE CONTROL ACT INVENTORY	TSCA	0	0	Target Property
NO LONGER REGULATED RCRA GENERATOR FACILITIES	NLRRCRAG	0	0	Target Property and Adjoining
RESOURCE CONSERVATION & RECOVERY ACT - GENERATOR FACILITIES	RCRAGR09	0	0	Target Property and Adjoining
HISTORICAL GAS STATIONS	HISTPST	0	0	0.2500
BROWNFIELDS MANAGEMENT SYSTEM	BF	0	0	0.5000
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION & LIABILITY INFORMATION SYSTEM	CERCLIS	0	0	0.5000



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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
LAND USE CONTROL INFORMATION SYSTEM	LUCIS	0	0	0.5000
NO FURTHER REMEDIAL ACTION PLANNED SITES	NFRAP	0	0	0.5000
NO LONGER REGULATED RCRA NON-CORRACTS TSD FACILITIES	NLRRCRAT	0	0	0.5000
OPEN DUMP INVENTORY	ODI	0	0	0.5000
RESOURCE CONSERVATION & RECOVERY ACT - TREATMENT, STORAGE & DISPOSAL FACILITIES	RCRAT	0	0	0.5000
DELISTED NATIONAL PRIORITIES LIST	DNPL	0	0	1.0000
DEPARTMENT OF DEFENSE SITES	DOD	0	0	1.0000
FORMERLY USED DEFENSE SITES	FUDS	0	0	1.0000
NO LONGER REGULATED RCRA CORRECTIVE ACTION FACILITIES	NLRRCRAC	0	0	1.0000
NATIONAL PRIORITIES LIST	NPL	0	0	1.0000
PROPOSED NATIONAL PRIORITIES LIST	PNPL	0	0	1.0000
RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES	RCRAC	1	0	1.0000
RECORD OF DECISION SYSTEM	RODS	0	0	1.0000
SUB-TOTAL		2	0	

STATE (CA)

CLANDESTINE DRUG LABS	CDL	0	0	Target Property
CALIFORNIA HAZARDOUS MATERIAL INCIDENT REPORT SYSTEM	CHMIRS	0	0	Target Property
DTSC DEED RESTRICTIONS	DTSCDR	0	0	Target Property
EMISSIONS INVENTORY DATA	EMI	0	0	Target Property
HAZARDOUS WASTE TANNER SUMMARY	HWTS	5	0	Target Property
RECORDED ENVIRONMENTAL CLEANUP LIENS	LIENS	0	0	Target Property
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM FACILITIES	NPDES	0	0	Target Property
ABOVE GROUND STORAGE TANKS	ABST	0	0	0.2500
DRY CLEANER FACILITIES	CLEANER	0	0	0.2500



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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
DTSC REGISTERED HAZARDOUS WASTE TRANSPORTERS	DTSCHWT	0	0	0.2500
HISTORICAL UNDERGROUND STORAGE TANKS	HISTUST	3	0	0.2500
CALIFORNIA MEDICAL WASTE MANAGEMENT PROGRAM FACILITY LIST	MWMP	0	0	0.2500
SPILLS, LEAKS, INVESTIGATION & CLEANUP RECOVERY LISTING	SLIC	2	0	0.2500
STATEWIDE ENVIRONMENTAL EVALUATION AND PLANNING SYSTEM	SWEEPS	4	0	0.2500
UNDERGROUND STORAGE TANKS	USTCUPA	1	0	0.2500
GEOTRACKER CLEANUP SITES	CLEANUPSITES	14	0	0.5000
CORTESE LIST	CORTESE	9	4	0.5000
EXPEDITED REMOVAL ACTION PROGRAM SITES	ERAP	0	0	0.5000
LEAKING UNDERGROUND STORAGE TANKS	LUST	9	0	0.5000
NO FURTHER ACTION DETERMINATION	NFA	0	0	0.5000
SITES NEEDING FURTHER EVALUATION	NFE	0	0	0.5000
LISTING OF CERTIFIED PROCESSORS	PROC	0	0	0.5000
REFERRED TO ANOTHER LOCAL OR STATE AGENCY	REF	0	0	0.5000
SCHOOL PROPERTY EVALUATIONS	SCH	0	0	0.5000
SOLID WASTE INFORMATION SYSTEM SITES	SWIS	0	0	0.5000
RECYCLING CENTERS	SWRCY	2	0	0.5000
VOLUNTARY CLEANUP PROGRAM	VCP	0	0	0.5000
WASTE MANAGEMENT UNIT DATABASE	WMUDS	1	0	0.5000
CALSITES DATABASE	CALSITES	11	0	1.0000
ENVIROSTOR CLEANUP SITES	ENVIROSTOR	22	0	1.0000
ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES	ENVIROSTORPCA	4	0	1.0000
TOXIC PITS CLEANUP ACT SITES	TOXPITS	0	0	1.0000
SUB-TOTAL		87	4	

LOCAL

LOS ANGELES COUNTY HAZARDOUS MATERIALS SYSTEM	LAHMS	0	0	Target Property
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DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
LOS ANGELES COUNTY SITE MITIGATION LIST	LASM	0	0	Target Property
WELL INVESTIGATIONS PROGRAM CASE LIST	WIP	0	0	0.2500
SAN GABRIEL VALLEY AREAS OF CONCERN	AOC	0	0	1.0000
SUB-TOTAL		0	0	

TRIBAL

UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	USTR09	0	0	0.2500
LEAKING UNDERGROUND STORAGE TANKS ON TRIBAL LANDS	LUSTR09	0	0	0.5000
OPEN DUMP INVENTORY ON TRIBAL LANDS	ODINDIAN	0	0	0.5000
INDIAN RESERVATIONS	INDIANRES	0	0	1.0000
SUB-TOTAL		0	0	

TOTAL	89	4
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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
<u>FEDERAL</u>								
AIRSAFS		.0200	0	0	0	0	NS	0
BRS		.0200	0	0	0	0	NS	0
CDL		.0200	0	0	0	0	NS	0
DOCKETS		.0200	0	0	0	0	NS	0
EC		.0200	0	0	0	0	NS	0
ERNSCA		.0200	0	0	0	0	NS	0
FRSCA	1	.0200	0	0	0	0	NS	1
HMIRSR09		.0200	0	0	0	0	NS	0
ICIS		.0200	0	0	0	0	NS	0
ICISNPDES		.0200	0	0	0	0	NS	0
MLTS		.0200	0	0	0	0	NS	0
NPDES09		.0200	0	0	0	0	NS	0
PADS		.0200	0	0	0	0	NS	0
PCSR09		.0200	0	0	0	0	NS	0
RCRASC		.0200	0	0	0	0	NS	0
SFLIENS		.0200	0	0	0	0	NS	0
SSTS		.0200	0	0	0	0	NS	0
TRI		.0200	0	0	0	0	NS	0
TSCA		.0200	0	0	0	0	NS	0
NLRRCRAG		.1250	0	0	0	0	NS	0
RCRAGR09		.1250	0	0	0	0	NS	0
HISTPST		.2500	0	0	0	0	NS	0
BF		.5000	0	0	0	0	NS	0
CERCLIS		.5000	0	0	0	0	NS	0
LUCIS		.5000	0	0	0	0	NS	0
NFRAP		.5000	0	0	0	0	NS	0
NLRRCRAT		.5000	0	0	0	0	NS	0



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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
ODI		.5000	0	0	0	0	NS	0
RCRAT		.5000	0	0	0	0	NS	0
DNPL		1.000	0	0	0	0	NS	0
DOD		1.000	0	0	0	0	NS	0
FUDS		1.000	0	0	0	0	NS	0
NLRRCRAC		1.000	0	0	0	0	NS	0
NPL		1.000	0	0	0	0	NS	0
PNPL		1.000	0	0	0	0	NS	0
RCRAC		1.000	0	0	0	1	NS	1
RODS		1.000	0	0	0	0	NS	0
SUB-TOTAL	1		0	0	0	1	0	2

STATE (CA)

CDL		.0200	0	0	0	0	NS	0
CHMIRS		.0200	0	0	0	0	NS	0
DTSCDR		.0200	0	0	0	0	NS	0
EMI		.0200	0	0	0	0	NS	0
HWTS	5	.0200	0	0	0	0	NS	5
LIENS		.0200	0	0	0	0	NS	0
NPDES		.0200	0	0	0	0	NS	0
ABST		.2500	0	0	0	0	NS	0
CLEANER		.2500	0	0	0	0	NS	0
DTSCHWT		.2500	0	0	0	0	NS	0
HISTUST		.2500	2	1	0	0	NS	3
MWMP		.2500	0	0	0	0	NS	0
SLIC		.2500	0	2	0	0	NS	2
SWEEPS		.2500	2	1	1	0	NS	4
USTCUPA		.2500	1	0	0	0	NS	1



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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
CLEANUPSITES	1	.5000	3	2	8	0	NS	14
CORTESE	1	.5000	2	1	5	0	NS	9
ERAP		.5000	0	0	0	0	NS	0
LUST		.5000	3	1	5	0	NS	9
NFA		.5000	0	0	0	0	NS	0
NFE		.5000	0	0	0	0	NS	0
PROC		.5000	0	0	0	0	NS	0
REF		.5000	0	0	0	0	NS	0
SCH		.5000	0	0	0	0	NS	0
SWIS		.5000	0	0	0	0	NS	0
SWRCY		.5000	0	0	2	0	NS	2
VCP		.5000	0	0	0	0	NS	0
WMUDS		.5000	0	0	1	0	NS	1
CALSITES		1.000	0	0	0	11	NS	11
ENVIROSTOR		1.000	0	1	0	21	NS	22
ENVIROSTORPCA		1.000	0	0	0	4	NS	4
TOXPITS		1.000	0	0	0	0	NS	0
SUB-TOTAL	7		13	9	22	36	0	87

LOCAL

LAHMS		.0200	0	0	0	0	NS	0
LASM		.0200	0	0	0	0	NS	0
WIP		.2500	0	0	0	0	NS	0
AOC		1.000	0	0	0	0	NS	0
SUB-TOTAL			0	0	0	0	0	0

TRIBAL

USTR09		.2500	0	0	0	0	NS	0
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LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
LUSTR09		.5000	0	0	0	0	NS	0
ODINDIAN		.5000	0	0	0	0	NS	0
INDIANRES		1.000	0	0	0	0	NS	0
SUB-TOTAL			0	0	0	0	0	0

TOTAL	8	13	9	22	37	0	89
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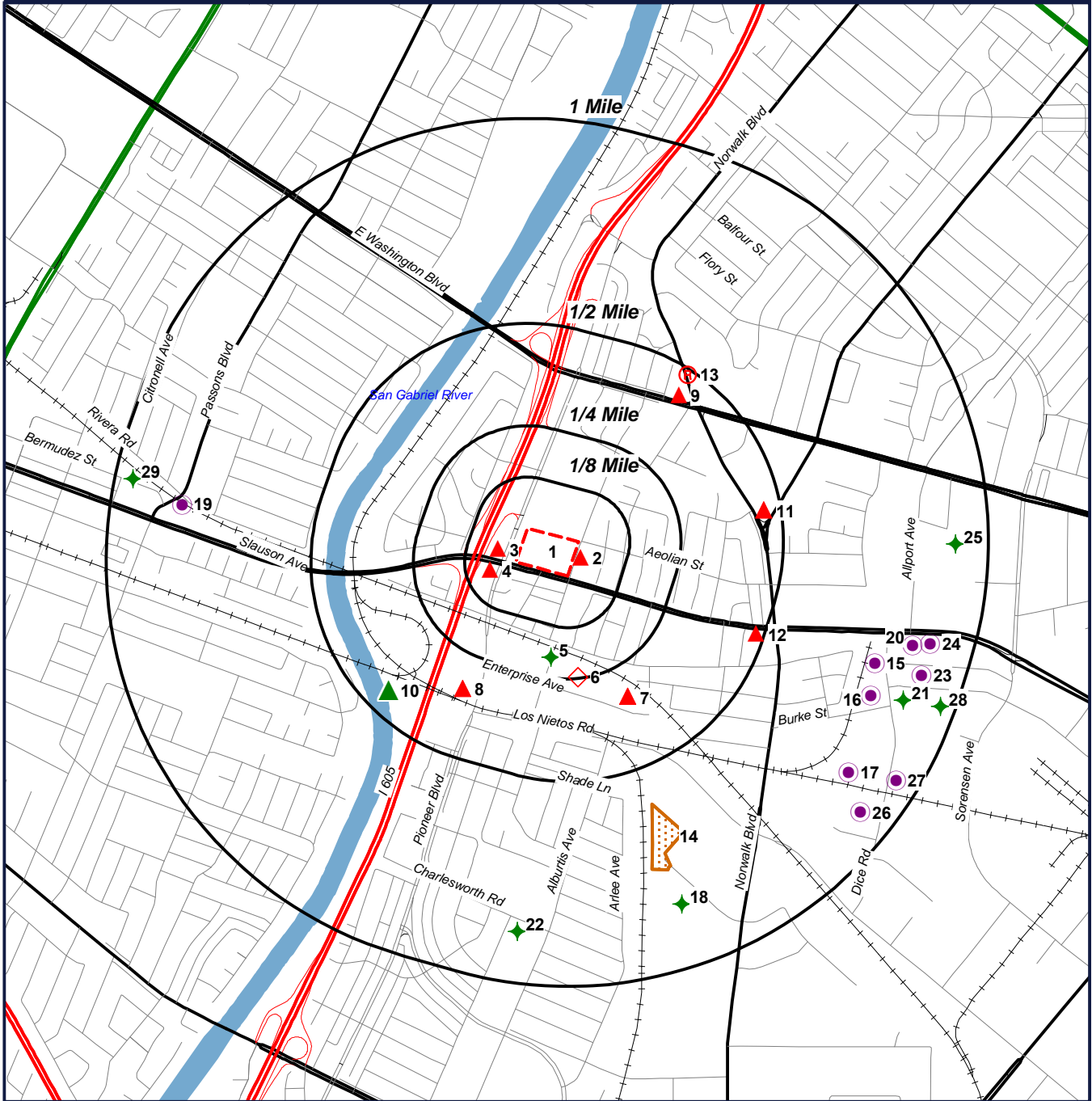
NOTES:










NS = NO SEARCH REQUESTED BY CUSTOMER



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RADIUS MAP

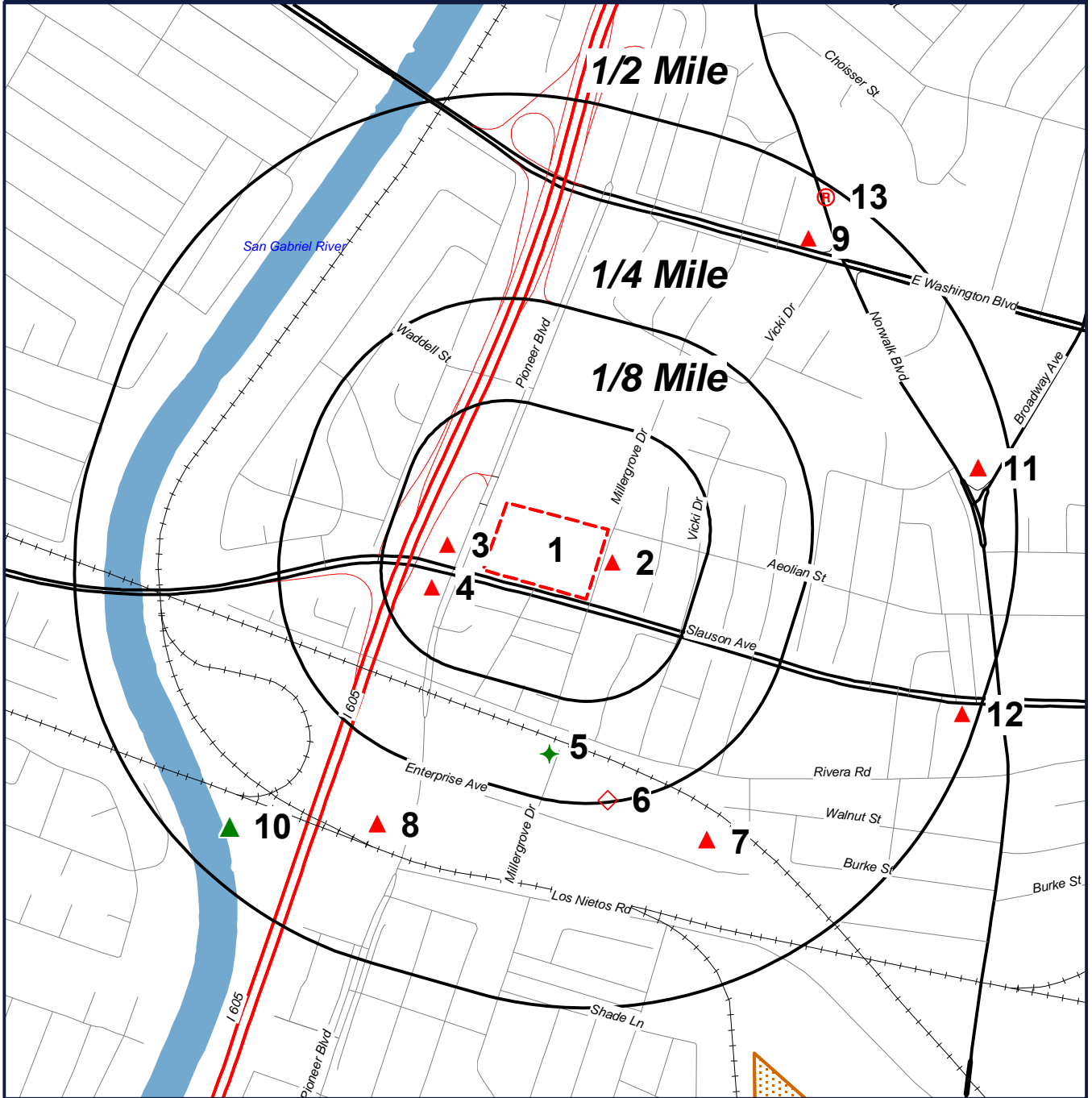











-  Target Property (TP)
-  CLEANUPSITES
-  ENVIROSTOR
-  SWEEPS
-  WMUDS
-  SWRCY
-  CALSITES
-  ENVIROSTOR
-  CALSITES

**Pioneer High School Stadium
Improvements
10800 Benavon Street
Whittier, California
90606**



RADIUS MAP



-  Target Property (TP)
-  CLEANUPSITES
-  ENVIROSTOR
-  SWEEPS
-  WMUDS
-  SWRCY
-  CALSITES
-  ENVIROSTOR
-  CALSITES

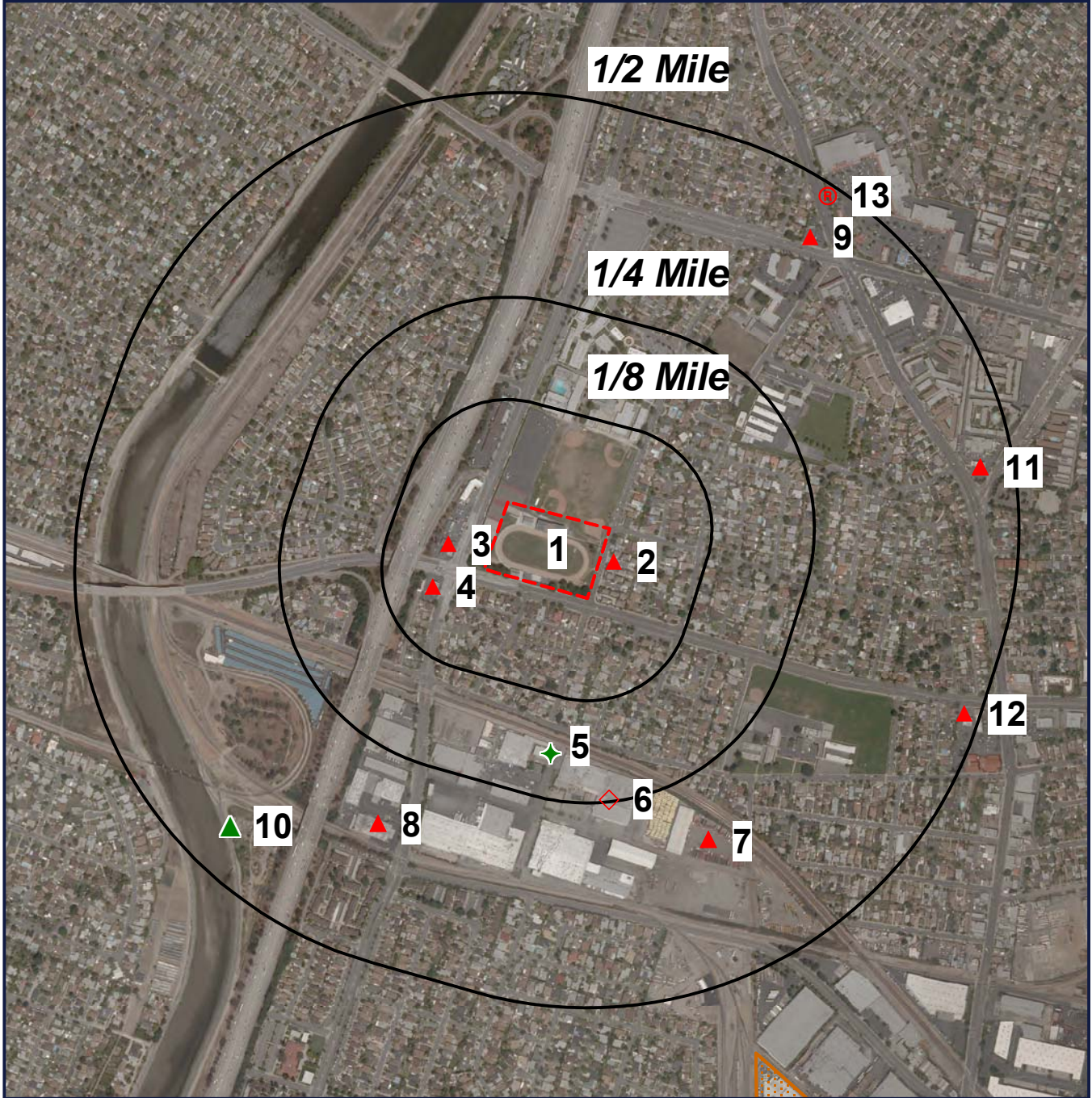
**Pioneer High School Stadium
Improvements
10800 Benavon Street
Whittier, California
90606**












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ORTHOPHOTO MAP



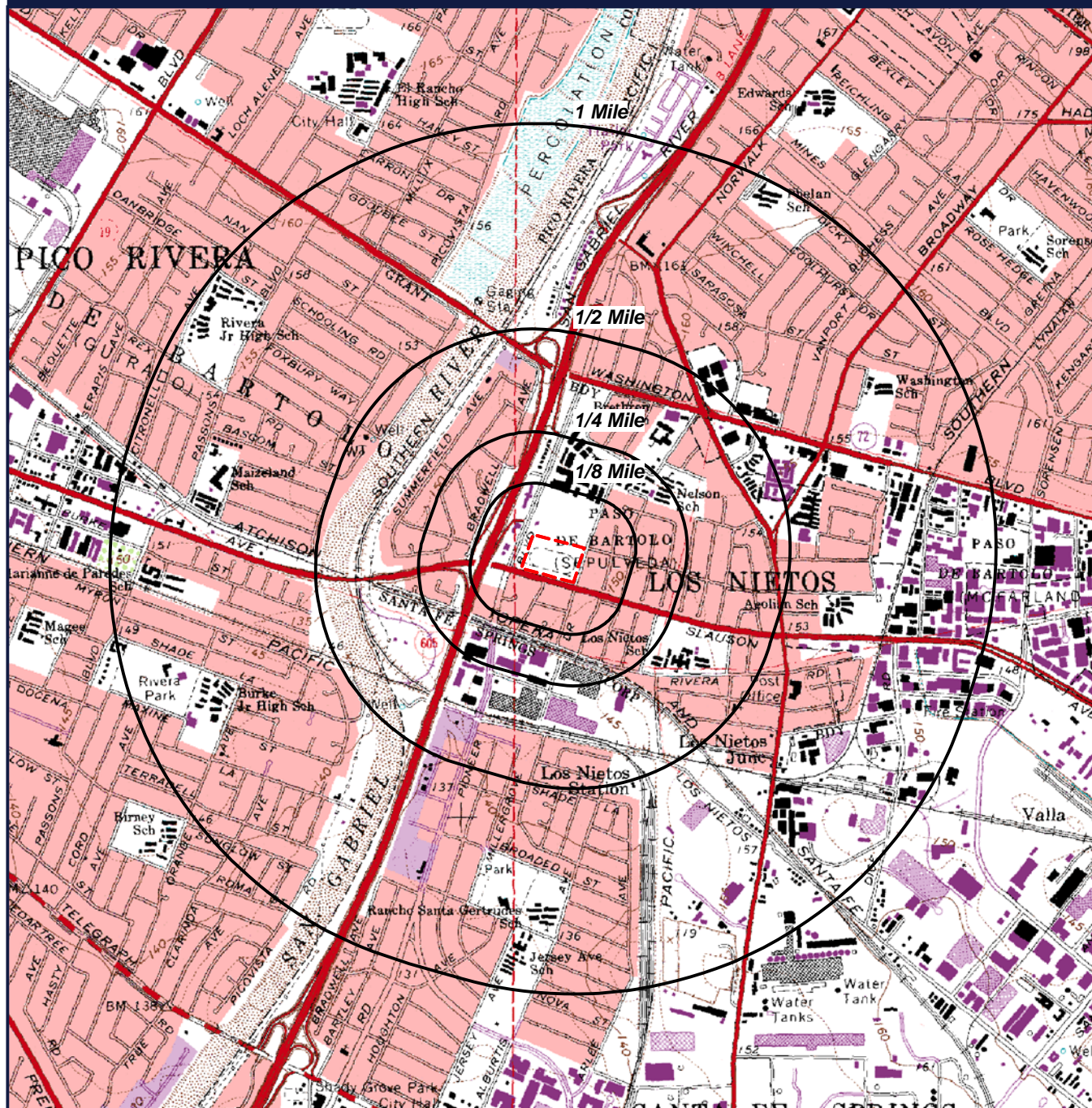
-  Target Property (TP)
-  CLEANUPSITES
-  ENVIROSTOR
-  SWEEPS
-  WMUDS
-  SWRCY
-  CALSITES
-  ENVIROSTOR
-  CALSITES


Quadrangle(s): Whittier
Source: USDA (20100425)
Pioneer High School Stadium
Improvements
10800 Benavon Street
Whittier, California
90606



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TOPOGRAPHIC MAP



 Target Property (TP)

Quadrangle(s): Whittier
Source: USGS, 1981
Pioneer High School Stadium
Improvements
10800 Benavon Street
Whittier, California
90606



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
1	HWTS	CAC002558237	TP	PIONEER HIGH SCHOOL	10800 BENA VON ST	WHITTIER, 90604	1
1	HWTS	CAC002569607	TP	PIONEER HIGH SCHOOL	10800 BEN AVON ST	WHITTIER, 906063010	2
1	HWTS	CAC002347809	TP	WHITTIER UNION HSD/PIONEER HIGH SCHOOL	10800 VENA VON ST	WHITTIER, 906060000	3
1	HWTS	CAD982024119	TP	WHITTIER UNION HSD/PIONEER HIGH SCHOOL	10800 BEN AVON ST	WHITTIER, 906063010	4
1	HWTS	CAH111000879	TP	LA COUNTY SANITATION DISTRICT	10800 E BENA VON ST	WHITTIER, 906060000	17
1	FRSCA	110021739207	TP	PIONEER HIGH	10800 BEN AVON	WHITTIER, 90606-3010	18
1	CORTESE	2487	TP	FORMER SHELL STATION	10800 BENA VON	WHITTIER, 90606	19
2	CLEANUPSITES	T0603700049	0.020 NE	MILLER FAMILY ESTATE	8448 MILLER GROVE DR	WHITTIER, 90602	20
3	CLEANUPSITES	T0603782444	0.060 W	MOBIL OIL STATION #18-E50	8441 PIONEER BLVD. S.	WHITTIER, 90606	21
3	CORTESE	I-01034	0.060 W	MOBIL #18-E50 (FORMER #11	8441 PIONEER	WHITTIER, 90606	23
3	HISTUST	00027D92	0.060 W	J KERLER	8441 S PIONEER	WHITTIER, 90606	24
3	LUST	T0603702748	0.060 W	MOBIL #18-E50 (FORMER #11-E50)	8441 PIONEER BLVD S	WHITTIER, 90606	27
3	LUST	T0603782444	0.060 W	MOBIL OIL STATION #18-E50	8441 SOUTH PIONEER BLVD.	WHITTIER, 90606	29
3	SWEEPS	A19-000-1034	0.060 W	MOBIL OIL CORP SS 11E50	8441 S PIONEER BLVD	WHITTIER, 90606	31
3	USTCUPA	223	0.060 W	MOBIL OIL CORP S/S #18-E50	8441 PIONEER BLVD	WHITTIER, 90606	32
3	CLEANUPSITES	T0603702748	0.060 W	MOBIL #18-E50 (FORMER #11-E50)	8441 PIONEER BLVD S	WHITTIER, 90606	33
4	CORTESE	I-01905	0.070 W	CHEVRON #9-0913 (FORMER)	8505 PIONEER	WHITTIER, 90606	34
4	HISTUST	00026C21	0.070 W	90913	8505 S PIONEER BLVD	WHITTIER, 90606	35
4	LUST	T0603702809	0.070 W	CHEVRON #9-0913 (FORMER)	8505 PIONEER BLVD S	WHITTIER, 90606	38
4	SWEEPS	A19-000-1905	0.070 W	CHEVRON USA SS 913	8505 S PIONEER BLVD	WHITTIER	40
4	CLEANUPSITES	T0603702809	0.070 W	CHEVRON #9-0913 (FORMER)	8505 PIONEER BLVD S	WHITTIER, 90606	41
5	CLEANUPSITES	SL204721662	0.190 S	USG CORP	8707 SOUTH MILLER GROVE DRIVE	SANTA FE SPRINGS	42
5	CORTESE	I-06502	0.190 S	USG CORP. & DAP/WILHOLD	8707 MILLER GROVE	SANTA FE SPRINGS, 90670	43
5	ENVIROSTOR	71002153	0.190 S	CUSTOM CHEMICAL FORMULATORS, INC.	8707 MILLER GROVE DRIVE	SANTA FE SPRINGS, 90670	44
5	HISTUST	00028019	0.190 S	BEECHAM HOME PRODUCT IMPROVEME	8707 MILLER GROVE DR	SANTA FE SPRINGS, 90670	45

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
5	LUST	T0603703222	0.190 S	USG CORP. & DAP/WILHOLD	8707 MILLERGROVE DR S	SANTA FE SPRINGS, 90670	55
5	SLIC	4-317	0.190 S	USG CORPORATION & DAP/WILHOLD	8707 MILLERGROVE	SANTA FE SPRING, 90670	57
5	SLIC	SL204721662	0.190 S	USG CORP	8707 SOUTH MILLERGROVE DRIVE	SANTA FE SPRINGS, 90670	58
5	SWEEPS	A19-000-6502	0.190 S	CUSTOM CHEMICAL FORULATORS	8707 S MILLERGROVE DR	SANTE FE SPRINGS, 90670	59
5	CLEANUPSITES	T0603703222	0.190 S	USG CORP. & DAP/WILHOLD	8707 MILLERGROVE DR S	SANTA FE SPRINGS, 90670	61
6	SWEEPS	A19-000-5701	0.260 S	SUNSHINE BISCUITS INC	8724 S MILLERGROVE DR	SANTE FE SPRINGS	63
7	CORTESE	I-07841	0.340 SE	GABRIEL CONTAINER CO	8844 MILLERGROVE	SANTA FE SPRINGS, 90670	64
7	LUST	T0603703319	0.340 SE	GABRIEL CONTAINER CO.	8844 MILLERGROVE DR S	SANTA FE SPRINGS, 90670	65
7	CLEANUPSITES	T0603703319	0.340 SE	GABRIEL CONTAINER CO.	8844 MILLERGROVE DR S	SANTA FE SPRINGS, 90670	67
8	CORTESE	I-05874	0.350 SW	ACE INDUSTRIES	8839 PIONEER	SANTA FE SPRINGS, 91803	68
8	LUST	T0603703119	0.350 SW	ACE INDUSTRIES	8839 PIONEER BLVD S	SANTA FE SPRINGS, 90670	69
8	CLEANUPSITES	T0603703119	0.350 SW	ACE INDUSTRIES	8839 PIONEER BLVD S	SANTA FE SPRINGS, 90670	71
9	CLEANUPSITES	WDR100000326	0.440 NE	76 STATION NO. 6907	11025 EAST WASHINGTON BOULEVARD	WHITTIER, 90606	72
9	CLEANUPSITES	WDR100000327	0.440 NE	76 STATION NO. 6907	11025 EAST WASHINGTON BOULEVARD	WHITTIER, 90606	73
9	CLEANUPSITES	WDR100000328	0.440 NE	76 STATION NO. 6907	11025 EAST WASHINGTON BOULEVARD	WHITTIER, 90606	74
9	CORTESE	R-11066	0.440 NE	76 PRODUCTS STATION #6907	11025 WASHINGTON	WHITTIER, 90606	75
9	LUST	T0603705011	0.440 NE	TOSCO - 76 STATION #6907	11025 WASHINGTON BLVD E	WHITTIER, 90606	76
9	CLEANUPSITES	T0603705011	0.440 NE	TOSCO - 76 STATION #6907	11025 WASHINGTON BLVD E	WHITTIER, 90606	78
10	WMUDS	4 190316NUR	0.450 SW	LOS NIETOS AND SAN GABRIEL RIV	LOS NIETOS @ SAN GABRIEL RIVER	SANTA FE SPRINGS	82
11	CORTESE	I-10084	0.470 E	7-11 #20677	8244 NORWALK	WHITTIER, 90606	83
11	LUST	T0603703572	0.470 E	7-11 #20677	8244 NORWALK BLVD	WHITTIER, 90606	84
11	CLEANUPSITES	T0603703572	0.470 E	7-11 #20677	8244 NORWALK BLVD	WHITTIER, 90606	86
12	CORTESE	R-11178	0.490 E	CIRCLE K LIC DEPT #3064	11462 SLAUSON	WHITTIER, 92714	87
12	LUST	T0603705030	0.490 E	CIRCLE K LIC DEPT #3064	11462 SLAUSON AVE E	SANTA FE SPRINGS, 90670	88



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
12	CLEANUPSITES	T0603705030	0.490 E	CIRCLE K LIC DEPT #3064	11462 SLAUSON AVE E	SANTA FE SPRINGS, 90670	90
13	SWRCY	RC155714.001	0.490 NE	REPLANET LLC	7810 NORWALK BLVD	WHITTIER, 90606	91
13	SWRCY	RC9835	0.490 NE	TOMRA PACIFIC INC	7810 NORWALK BLVD	WHITTIER, 90606	92
14	CALSITES	19281186	0.600 S	ALLPURE CHEMICAL COMPANY	11600 PIKE STREET	SANTA FE SPRINGS, 90670	93
14	ENVIROSTOR	19281186	0.600 S	ALLPURE CHEMICAL COMPANY	11600 PIKE STREET	SANTA FE SPRINGS, 90670	94
15	ENVIROSTOR	71002824	0.780 E	AEROSPACE RIVET MFG. CORP.	8535 DICE ROAD	SANTA FE SPRINGS, 90670	95
15	CALSITES	19340772	0.780 E	AEROSPACE RIVET	8535 DICE ROAD	SANTA FE SPRINGS, 90670	96
15	ENVIROSTOR	19340772	0.780 E	AEROSPACE RIVET	8535 DICE ROAD	SANTA FE SPRINGS, 90670	97
16	ENVIROSTOR	71002143	0.810 E	MID-WEST FABRICATING CO., INC.	8623 DICE ROAD	SANTA FE SPRINGS, 90670	98
16	CALSITES	19340439	0.810 E	WEST BENT BOLT	8623 SOUTH DICE ROAD	SANTA FE SPRINGS, 90670	99
16	ENVIROSTOR	19340439	0.810 E	WEST BENT BOLT	8623 SOUTH DICE ROAD	SANTA FE SPRINGS, 90670	100
17	ENVIROSTOR	19280516	0.840 SE	SOUTHERN CALIFORNIA CHEMICAL COMPANY	8851 DICE ROAD	SANTA FE SPRINGS, 90670	101
17	ENVIROSTORPCA	CAD008488025	0.840 SE	PHIBRO-TECH INC	8851 DICE RD	SANTA FE SPRINGS, 906702515	102
17	CALSITES	19280516	0.840 SE	SOUTHERN CALIFORNIA CHEMICAL COMPANY	8851 DICE ROAD	SANTA FE SPRINGS, 90670	106
17	RCRAC	CAD008488025	0.840 SE	PHIBRO-TECH INC.	8851 DICE ROAD	SANTA FE SPRINGS, 90670	107
17	ENVIROSTOR	80001582	0.840 SE	PHIBRO-TECH INC	8851 DICE RD	SANTA FE SPRINGS, 906702515	115
18	ENVIROSTORPCA	CAD008495129	0.840 S	WHITTIER PLATING CO.,INC.	11642 E PIKE ST	SANTA FE SPRINGS, 906700000	116
18	ENVIROSTOR	80001584	0.840 S	WHITTIER PLATING CO.,INC.	11642 E PIKE ST	SANTA FE SPRINGS, 906700000	117
19	CALSITES	19490153	0.840 W	RIVERA ROAD INDISCRIMINANT DUMP	9400 E RIVERA RD	PICO RIVERA, 90660	118
19	ENVIROSTOR	19490153	0.840 W	RIVERA ROAD INDISCRIMINANT DUMP	9400 E RIVERA RD	PICO RIVERA, 90660	119
20	CALSITES	19280375	0.860 E	CAL WESTERN PAINTS	11748 SLAUSON AVENUE	SANTA FE SPRINGS, 90670	120
20	ENVIROSTOR	19280375	0.860 E	CAL WESTERN PAINTS	11748 SLAUSON AVENUE	SANTA FE SPRINGS, 90670	121



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REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
						90670	
21	ENVIROSTOR	19340783	0.870 E	PARKER HANNIFIN	11808 BURKE STREET	SANTA FE SPRINGS, 90670	122
22	ENVIROSTOR	19820029	0.880 S	JERSEY AVENUE ELEMENTARY SCHOOL	9400 JERSEY AVENUE	SANTA FE SPRINGS, 90670-2859	123
23	CALSITES	19340742	0.900 E	TECHNI-BRAZE INC	11845 BURKE STREET	SANTA FE SPRINGS, 90670	124
23	ENVIROSTOR	19340742	0.900 E	TECHNI-BRAZE INC	11845 BURKE STREET	SANTA FE SPRINGS, 90670	125
24	CALSITES	19340377	0.900 E	WESTERN SCREW PRODUCTS #1	11770 EAST SLAUSON AVENUE	SANTA FE SPRINGS, 90670	126
24	ENVIROSTOR	19340377	0.900 E	WESTERN SCREW PRODUCTS #1	11770 EAST SLAUSON AVENUE	SANTA FE SPRINGS, 90670	127
25	ENVIROSTORPCA	CAD981687114	0.920 E	SUR LITE CORP	8124 ALLPORT AVE	SANTA FE SPRING, 906700000	128
25	ENVIROSTOR	80001483	0.920 E	SUR LITE CORP	8124 ALLPORT AVE	SANTA FE SPRING, 906700000	129
26	ENVIROSTOR	19280834	0.930 SE	DIVERSEY WYANDOTTE CORPORATION	8921 DICE RD	SANTA FE SPRINGS, 90670	130
26	ENVIROSTORPCA	CAD046455747	0.930 SE	DIVERSEY WYANDOTTE CORP	8921 DICE RD	SANTA FE SPRINGS, 906700000	131
26	CALSITES	19280834	0.930 SE	DIVERSEY WYANDOTTE CORPORATION	8921 SOUTH DICE ROAD	SANTA FE SPRINGS, 90670	133
26	ENVIROSTOR	80001393	0.930 SE	DIVERSEY WYANDOTTE CORP	8921 DICE RD	SANTA FE SPRINGS, 906700000	134
27	ENVIROSTOR	19280224	0.960 SE	BURDETT OXYGEN COMPANY OF CALIFORNIA (1)	8832-8838 SOUTH DICE ROAD	SANTA FE SPRINGS, 90670	135
27	CALSITES	19280224	0.960 SE	BURDETT OXYGEN COMPANY OF CALIFORNIA (1)	8832-8838 SOUTH DICE ROAD	SANTA FE SPRINGS, 90670	136
27	CALSITES	19280766	0.960 SE	LIQUID AIR	8832 DICE ROAD	SANTA FE SPRINGS, 90670	137
27	ENVIROSTOR	19280766	0.960 SE	LIQUID AIR	8832 DICE ROAD	SANTA FE SPRINGS, 90670	138
28	ENVIROSTOR	60001721	0.960 E	EARL MANUFACTURING	11862 BURKE STREET	SANTA FE SPRINGS, 90670	139
29	ENVIROSTOR	71002232	0.980 W	PICO RIVERA PLATING, INC.	9307 E. BERMUDEZ STREET	PICO RIVERA, 90660	140



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HAZARDOUS WASTE TANNER SUMMARY (HWTS)

MAP ID# 1

Distance from Property: 0.00 mi. X

SITE INFORMATION

EPA ID: **CAC002558237**
NAME: **PIONEER HIGH SCHOOL**
COUNTY: **LOS ANGELES**
ADDRESS: **10800 BENAVENTON ST**
WHITTIER, CA 90604

CONTACT INFORMATION

CONTACT: **LEE PANAGOS EXT 153**
PHONE: **(562) 698-8121**
ADDRESS: **9401 PAINTER AVE**
WHITTIER, CA 90605

MANIFEST SUMMARY INFORMATION

YEAR: **2003**
TSD ID: **CAD009007626**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **ASBESTOS CONTAINING WASTE**
AMOUNT DISPOSED(TONS): **75.0900**
DISPOSAL METHOD: **DISPOSAL, LANDFILL**

YEAR: **2003**
TSD ID: **CAD028409019**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **OTHER ORGANIC SOLIDS**
AMOUNT DISPOSED(TONS): **0.1000**
DISPOSAL METHOD: **TRANSFER STATION**



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HAZARDOUS WASTE TANNER SUMMARY (HWTS)

MAP ID# 1

Distance from Property: 0.00 mi. X

SITE INFORMATION

EPA ID: **CAC002569607**

NAME: **PIONEER HIGH SCHOOL**

COUNTY: **LOS ANGELES**

ADDRESS: **10800 BEN AVON ST
WHITTIER, CA 90606**

CONTACT INFORMATION

CONTACT: **LEE PANAGOS EXT 153**

PHONE: **(562) 698-8121**

ADDRESS: **9401 PAINTER AVE
WHITTIER, CA 90605**

MANIFEST SUMMARY INFORMATION

YEAR: **2003**

TSD ID: **CAD009007626**

GENERATOR COUNTY: **LOS ANGELES**

DISPOSAL COUNTY: **LOS ANGELES**

WASTE CATEGORY: **ASBESTOS CONTAINING WASTE**

AMOUNT DISPOSED(TONS): **12.6400**

DISPOSAL METHOD: **DISPOSAL, LANDFILL**



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HAZARDOUS WASTE TANNER SUMMARY (HWTS)

MAP ID# 1

Distance from Property: 0.00 mi. X

SITE INFORMATION

EPA ID: **CAC002347809**

NAME: **WHITTIER UNION HSD/PIONEER HIGH SCHOOL**

COUNTY: **LOS ANGELES**

ADDRESS: **10800 VENAON ST
WHITTIER, CA 90606**

MANIFEST SUMMARY INFORMATION

YEAR: **2001**

TSD ID: **CAD009007626**

GENERATOR COUNTY: **LOS ANGELES**

DISPOSAL COUNTY: **LOS ANGELES**

WASTE CATEGORY: **ASBESTOS CONTAINING WASTE**

AMOUNT DISPOSED(TONS): **21.0700**

DISPOSAL METHOD: **DISPOSAL, LANDFILL**

CONTACT INFORMATION

CONTACT: **CHUCK BAILEY/ASSIST MAINT DIRE**

PHONE: **(818) 776-1600**

ADDRESS: **NOT REPORTED**



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HAZARDOUS WASTE TANNER SUMMARY (HWTS)

MAP ID# 1

Distance from Property: 0.00 mi. X

SITE INFORMATION

EPA ID: **CAD982024119**
NAME: **WHITTIER UNION HSD/PIONEER HIGH SCHOOL**
COUNTY: **LOS ANGELES**
ADDRESS: **10800 BEN AVON ST**
WHITTIER, CA 90606

CONTACT INFORMATION

CONTACT: **EILEEN CHAVEZ, EXT 1102**
PHONE: **(562) 698-8121**
ADDRESS: **9401 S PAINTER AVE**
WHITTIER, CA 90605

MANIFEST SUMMARY INFORMATION

YEAR: **2010**
TSD ID: **CAD008364432**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **UNSPECIFIED SOLVENT MIXTURE**
AMOUNT DISPOSED(TONS): **0.1130**
DISPOSAL METHOD: **FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE**

YEAR: **2010**
TSD ID: **CAD008364432**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **LABORATORY WASTE CHEMICALS**
AMOUNT DISPOSED(TONS): **0.0065**
DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**

YEAR: **2010**
TSD ID: **CAT080013352**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **OIL/WATER SEPARATION SLUDGE**
AMOUNT DISPOSED(TONS): **4.5870**
DISPOSAL METHOD: **OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT**

YEAR: **2010**
TSD ID: **WAD991281767**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **UNKNOWN**
WASTE CATEGORY: **LABORATORY WASTE CHEMICALS**
AMOUNT DISPOSED(TONS): **0.0015**
DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**



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HAZARDOUS WASTE TANNER SUMMARY (HWTS)

YEAR: 2009
TSD ID: CAD008364432
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: UNSPECIFIED SOLVENT MIXTURE
AMOUNT DISPOSED(TONS): 0.1130
DISPOSAL METHOD: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE

YEAR: 2009
TSD ID: CAD008364432
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: LABORATORY WASTE CHEMICALS
AMOUNT DISPOSED(TONS): 0.0065
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2009
TSD ID: CAT080013352
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: OIL/WATER SEPARATION SLUDGE
AMOUNT DISPOSED(TONS): 4.5870
DISPOSAL METHOD: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT

YEAR: 2009
TSD ID: WAD991281767
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: UNKNOWN
WASTE CATEGORY: LABORATORY WASTE CHEMICALS
AMOUNT DISPOSED(TONS): 0.0015
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2008
TSD ID: AZC950823111
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: UNKNOWN
WASTE CATEGORY: OTHER ORGANIC SOLIDS
AMOUNT DISPOSED(TONS): 0.5500
DISPOSAL METHOD: DEEPWELL OR UNDERGROUND INJECTION(WITH OR WITHOUT TREATMENT)

HAZARDOUS WASTE TANNER SUMMARY (HWTS)

YEAR: 2008
TSD ID: **AZC950823111**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **UNKNOWN**
WASTE CATEGORY: **OTHER ORGANIC SOLIDS**
AMOUNT DISPOSED(TONS): **0.5500**
DISPOSAL METHOD: **DISCHARGE TO SEWER/POTW OR NPDES(WITH PRIOR STORAGE--WITH OR WITHOUT TREATMENT)**

YEAR: 2008
TSD ID: **AZC950823111**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **UNKNOWN**
WASTE CATEGORY: **OTHER ORGANIC SOLIDS**
AMOUNT DISPOSED(TONS): **0.5500**
DISPOSAL METHOD: **LAND TREATMENT OR APPLICATION(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: 2008
TSD ID: **AZC950823111**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **UNKNOWN**
WASTE CATEGORY: **OTHER ORGANIC SOLIDS**
AMOUNT DISPOSED(TONS): **0.5500**
DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: 2007
TSD ID: **AZC950823111**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **UNKNOWN**
WASTE CATEGORY: **ASBESTOS CONTAINING WASTE**
AMOUNT DISPOSED(TONS): **16.0000**
DISPOSAL METHOD: **LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)**

YEAR: 2007
TSD ID: **CAD008364432**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **UNSPECIFIED SOLVENT MIXTURE**
AMOUNT DISPOSED(TONS): **0.3000**
DISPOSAL METHOD: **FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE**

YEAR: 2007
TSD ID: **CAD008364432**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **OFF-SPECIFICATION, AGED OR SURPLUS ORGANICS**
AMOUNT DISPOSED(TONS): **0.0400**
DISPOSAL METHOD: **STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)**



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HAZARDOUS WASTE TANNER SUMMARY (HWTS)

YEAR: 2007
TSD ID: CAD008364432
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: LABORATORY WASTE CHEMICALS
AMOUNT DISPOSED(TONS): 0.1900
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2007
TSD ID: CAD097030993
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: OTHER ORGANIC SOLIDS
AMOUNT DISPOSED(TONS): 0.1000
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2007
TSD ID: WAD991281767
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: UNKNOWN
WASTE CATEGORY: BLANK OR UNKNOWN
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2007
TSD ID: WAD991281767
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: UNKNOWN
WASTE CATEGORY: LABORATORY WASTE CHEMICALS
AMOUNT DISPOSED(TONS): 0.0500
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2006
TSD ID: CAD008364432
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: UNSPECIFIED SOLVENT MIXTURE
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: FUEL BLENDING PRIOR TO ENERGY RECOVERY AT ANOTHER SITE

HAZARDOUS WASTE TANNER SUMMARY (HWTS)

YEAR: 2006
TSD ID: CAD008364432
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: UNSPECIFIED SOLVENT MIXTURE
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2006
TSD ID: CAD009007626
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: ASBESTOS CONTAINING WASTE
AMOUNT DISPOSED(TONS): 3.3700
DISPOSAL METHOD: DEEPWELL OR UNDERGROUND INJECTION(WITH OR WITHOUT TREATMENT)

YEAR: 2006
TSD ID: CAD009007626
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: ASBESTOS CONTAINING WASTE
AMOUNT DISPOSED(TONS): 3.3700
DISPOSAL METHOD: DISCHARGE TO SEWER/POTW OR NPDES(WITH PRIOR STORAGE--WITH OR WITHOUT TREATMENT)

YEAR: 2006
TSD ID: CAD009007626
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: ASBESTOS CONTAINING WASTE
AMOUNT DISPOSED(TONS): 3.3700
DISPOSAL METHOD: LAND TREATMENT OR APPLICATION(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)

YEAR: 2006
TSD ID: CAD009007626
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: ASBESTOS CONTAINING WASTE
AMOUNT DISPOSED(TONS): 3.3700
DISPOSAL METHOD: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)

YEAR: 2006
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: BLANK OR UNKNOWN
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT



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HAZARDOUS WASTE TANNER SUMMARY (HWTS)

YEAR: 2006
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: BLANK OR UNKNOWN
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: TRANSFER STATION

YEAR: 2006
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: AQUEOUS SOLUTION WITH TOTAL ORGANIC RESIDUES LESS THAN 10 PERCENT
AMOUNT DISPOSED(TONS): 0.0800
DISPOSAL METHOD: METALS RECOVERY INCLUDING RETORING,SMELTING,CHEMICALS,ECT

YEAR: 2006
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: AQUEOUS SOLUTION WITH TOTAL ORGANIC RESIDUES LESS THAN 10 PERCENT
AMOUNT DISPOSED(TONS): 0.0800
DISPOSAL METHOD: TRANSFER STATION

YEAR: 2006
TSD ID: WAD991281767
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: UNKNOWN
WASTE CATEGORY: OFF-SPECIFICATION, AGED OR SURPLUS INORGANICS
AMOUNT DISPOSED(TONS): 0.1000
DISPOSAL METHOD: INCINERATION TREATMENT

YEAR: 2006
TSD ID: WAD991281767
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: UNKNOWN
WASTE CATEGORY: OFF-SPECIFICATION, AGED OR SURPLUS INORGANICS
AMOUNT DISPOSED(TONS): 0.1000
DISPOSAL METHOD: TREATMENT, INCINERATION

YEAR: 2006
TSD ID: WAD991281767
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: UNKNOWN
WASTE CATEGORY: LABORATORY WASTE CHEMICALS
AMOUNT DISPOSED(TONS): 0.0100
DISPOSAL METHOD: NOT REPORTED



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HAZARDOUS WASTE TANNER SUMMARY (HWTS)

YEAR: 2006
TSD ID: WAD991281767
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: UNKNOWN
WASTE CATEGORY: LABORATORY WASTE CHEMICALS
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: STORAGE, BULKING, AND/OR TRANSFER OFF SITE--NO TREATMENT/RECOVERY (H010-H129) OR (H131-H135)

YEAR: 2006
TSD ID: WAD991281767
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: UNKNOWN
WASTE CATEGORY: LABORATORY WASTE CHEMICALS
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: INCINERATION TREATMENT

YEAR: 2006
TSD ID: WAD991281767
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: UNKNOWN
WASTE CATEGORY: LABORATORY WASTE CHEMICALS
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: TREATMENT, INCINERATION

YEAR: 2005
TSD ID: AZC950823111
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: UNKNOWN
WASTE CATEGORY: ASBESTOS CONTAINING WASTE
AMOUNT DISPOSED(TONS): 25.2800
DISPOSAL METHOD: DISPOSAL, LANDFILL

YEAR: 2005
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: BLANK OR UNKNOWN
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: TRANSFER STATION

YEAR: 2005
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: AQUEOUS SOLUTION WITH TOTAL ORGANIC RESIDUES LESS THAN 10 PERCENT
AMOUNT DISPOSED(TONS): 0.1000
DISPOSAL METHOD: TRANSFER STATION



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HAZARDOUS WASTE TANNER SUMMARY (HWTS)

YEAR: 2004
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: BLANK OR UNKNOWN
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: TRANSFER STATION

YEAR: 2004
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: AQUEOUS SOLUTION WITH TOTAL ORGANIC RESIDUES LESS THAN 10 PERCENT
AMOUNT DISPOSED(TONS): 0.1800
DISPOSAL METHOD: TRANSFER STATION

YEAR: 2003
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: BLANK OR UNKNOWN
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: TRANSFER STATION

YEAR: 2003
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: AQUEOUS SOLUTION WITH TOTAL ORGANIC RESIDUES LESS THAN 10 PERCENT
AMOUNT DISPOSED(TONS): 0.3200
DISPOSAL METHOD: TRANSFER STATION

YEAR: 2003
TSD ID: CAT080013352
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: OIL/WATER SEPARATION SLUDGE
AMOUNT DISPOSED(TONS): 1.2500
DISPOSAL METHOD: RECYCLER

YEAR: 2002
TSD ID: CAD009007626
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: ASBESTOS CONTAINING WASTE
AMOUNT DISPOSED(TONS): 0.4200
DISPOSAL METHOD: DISPOSAL, LANDFILL



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HAZARDOUS WASTE TANNER SUMMARY (HWTS)

YEAR: 2002
TSD ID: CAD009007626
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: ASBESTOS CONTAINING WASTE
AMOUNT DISPOSED(TONS): 2.5200
DISPOSAL METHOD: DISPOSAL, LANDFILL

YEAR: 2002
TSD ID: CAD009007626
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: ASBESTOS CONTAINING WASTE
AMOUNT DISPOSED(TONS): 3.5300
DISPOSAL METHOD: DISPOSAL, LANDFILL

YEAR: 2002
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: BLANK OR UNKNOWN
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: TRANSFER STATION

YEAR: 2002
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: AQUEOUS SOLUTION WITH TOTAL ORGANIC RESIDUES LESS THAN 10 PERCENT
AMOUNT DISPOSED(TONS): 0.0100
DISPOSAL METHOD: TRANSFER STATION

YEAR: 2002
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: AQUEOUS SOLUTION WITH TOTAL ORGANIC RESIDUES LESS THAN 10 PERCENT
AMOUNT DISPOSED(TONS): 0.0200
DISPOSAL METHOD: TRANSFER STATION

YEAR: 2002
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: AQUEOUS SOLUTION WITH TOTAL ORGANIC RESIDUES LESS THAN 10 PERCENT
AMOUNT DISPOSED(TONS): 0.0600
DISPOSAL METHOD: TRANSFER STATION

HAZARDOUS WASTE TANNER SUMMARY (HWTS)

YEAR: **2002**
TSD ID: **CAT000613893**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **AQUEOUS SOLUTION WITH TOTAL ORGANIC RESIDUES LESS THAN 10 PERCENT**
AMOUNT DISPOSED(TONS): **0.0700**
DISPOSAL METHOD: **TRANSFER STATION**

YEAR: **2002**
TSD ID: **CAT000613893**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)**
AMOUNT DISPOSED(TONS): **NOT REPORTED**
DISPOSAL METHOD: **TRANSFER STATION**

YEAR: **2002**
TSD ID: **CAT000613893**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)**
AMOUNT DISPOSED(TONS): **0.0100**
DISPOSAL METHOD: **TRANSFER STATION**

YEAR: **2002**
TSD ID: **CAT000613893**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)**
AMOUNT DISPOSED(TONS): **0.0500**
DISPOSAL METHOD: **TRANSFER STATION**

YEAR: **2001**
TSD ID: **CAD009007626**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **ASBESTOS CONTAINING WASTE**
AMOUNT DISPOSED(TONS): **3.7900**
DISPOSAL METHOD: **DISPOSAL, LANDFILL**

YEAR: **2001**
TSD ID: **CAT000613893**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)**
AMOUNT DISPOSED(TONS): **0.0700**
DISPOSAL METHOD: **BLANK**

HAZARDOUS WASTE TANNER SUMMARY (HWTS)

YEAR: 2001
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)
AMOUNT DISPOSED(TONS): 0.0200
DISPOSAL METHOD: TRANSFER STATION

YEAR: 2000
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: BLANK OR UNKNOWN
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: BLANK

YEAR: 2000
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)
AMOUNT DISPOSED(TONS): 0.0700
DISPOSAL METHOD: TRANSFER STATION

YEAR: 1999
TSD ID: CAD009007626
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: ASBESTOS CONTAINING WASTE
AMOUNT DISPOSED(TONS): 0.8428
DISPOSAL METHOD: DISPOSAL, LANDFILL

YEAR: 1999
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: BLANK OR UNKNOWN
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: BLANK

YEAR: 1999
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)
AMOUNT DISPOSED(TONS): 0.1480
DISPOSAL METHOD: TRANSFER STATION



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HAZARDOUS WASTE TANNER SUMMARY (HWTS)

YEAR: 1998
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: BLANK OR UNKNOWN
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: BLANK

YEAR: 1998
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)
AMOUNT DISPOSED(TONS): 0.2520
DISPOSAL METHOD: TRANSFER STATION

YEAR: 1997
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: BLANK OR UNKNOWN
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: BLANK

YEAR: 1997
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: BLANK

YEAR: 1997
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)
AMOUNT DISPOSED(TONS): 0.2160
DISPOSAL METHOD: TRANSFER STATION

YEAR: 1996
TSD ID: CAT000613893
GENERATOR COUNTY: LOS ANGELES
DISPOSAL COUNTY: LOS ANGELES
WASTE CATEGORY: OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)
AMOUNT DISPOSED(TONS): NOT REPORTED
DISPOSAL METHOD: BLANK

HAZARDOUS WASTE TANNER SUMMARY (HWTS)

YEAR: **1996**
TSD ID: **CAT000613893**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **OXYGENATED SOLVENTS (ACETONE, BUTANOL, ETHYL ACETATE, ETC.)**
AMOUNT DISPOSED(TONS): **0.1800**
DISPOSAL METHOD: **TRANSFER STATION**

YEAR: **1995**
TSD ID: **AZD983476680**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **UNKNOWN**
WASTE CATEGORY: **POLYCHLORINATED BIPHENYLS AND MATERIAL CONTAINING PCBS**
AMOUNT DISPOSED(TONS): **9.0154**
DISPOSAL METHOD: **RECYCLER**

HAZARDOUS WASTE TANNER SUMMARY (HWTS)

MAP ID# 1

Distance from Property: 0.00 mi. X

SITE INFORMATION

EPA ID: **CAH111000879**
NAME: **LA COUNTY SANITATION DISTRICT**
COUNTY: **LOS ANGELES**
ADDRESS: **10800 E BENA VON ST**
WHITTIER, CA 90606

CONTACT INFORMATION

CONTACT: **LA COUNTY SANITATION DISTRICT**
PHONE: **(562) 699-7411**
ADDRESS: **NOT REPORTED**

MANIFEST SUMMARY INFORMATION

YEAR: **2000**
TSD ID: **CAT080013352**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **LOS ANGELES**
WASTE CATEGORY: **HOUSEHOLD WASTE**
AMOUNT DISPOSED(TONS): **9.5900**
DISPOSAL METHOD: **RECYCLER**

YEAR: **2000**
TSD ID: **WAD991281767**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **UNKNOWN**
WASTE CATEGORY: **HOUSEHOLD WASTE**
AMOUNT DISPOSED(TONS): **41.7500**
DISPOSAL METHOD: **RECYCLER**

YEAR: **2000**
TSD ID: **WAD991281767**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **UNKNOWN**
WASTE CATEGORY: **HOUSEHOLD WASTE**
AMOUNT DISPOSED(TONS): **1.0000**
DISPOSAL METHOD: **TREATMENT, TANK**

YEAR: **2000**
TSD ID: **WAD991281767**
GENERATOR COUNTY: **LOS ANGELES**
DISPOSAL COUNTY: **UNKNOWN**
WASTE CATEGORY: **HOUSEHOLD WASTE**
AMOUNT DISPOSED(TONS): **2.8700**
DISPOSAL METHOD: **TREATMENT, INCINERATION**



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FACILITY REGISTRY SYSTEM (FRSCA)

MAP ID# 1

Distance from Property: 0.00 mi. X

FACILITY INFORMATION

REGISTRY ID: 110021739207

NAME: **PIONEER HIGH**

LOCATION ADDRESS: **10800 BEN AVON**

WHITTIER , CA 90606-3010

COUNTY: **LOS ANGELES**

EPA REGION: **09**

FEDERAL FACILITY: **NO DATA PROVIDED**

TRIBAL LAND: **NO DATA PROVIDED**

ALTERNATIVE NAME/S:

PIONEER HIGH

PROGRAM/S LISTED FOR THIS FACILITY

GNIS - GEOGRAPHIC NAMES INFORMATION SYSTEM

NCES - NATIONAL CENTER FOR EDUCATION STATISTICS

STANDARD INDUSTRIAL CLASSIFICATION/S (SIC)

NO SIC DATA REPORTED

NORTH AMERICAN INDUSTRY CLASSIFICATION/S (NAICS)

NO NAICS DATA REPORTED



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CORTESE LIST (CORTESE)

MAP ID# 1

Distance from Property: 0.00 mi. X

FACILITY INFORMATION

ID#: 2487

NAME: FORMER SHELL STATION

ADDRESS: 10800 BENA
WHITTIER CA



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GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 2

Distance from Property: 0.02 mi. NE

FACILITY INFORMATION

GLOBAL ID: T0603700049

BUSINESS NAME: MILLER FAMILY ESTATE

ADDRESS: 8448 MILLERGROVE DR
WHITTIER, CA 90602

COUNTY: LOS ANGELES

FACILITY DETAILS

CASE TYPE: LUST Cleanup Site

CASE NUMBER: 011189-13

STATUS: COMPLETED - CASE CLOSED 1990-01-16 00:00:00

POTENTIAL CONTAMINATION:

DIESEL

POTENTIAL MEDIA AFFECTED:

SOIL

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	1990-01-16	CLOSURE/NO FURTHER ACTION LETTER
OTHER	1950-01-01	LEAK DISCOVERY
OTHER	1950-01-01	LEAK REPORTED
REMEDIATION	1950-01-01	EXCAVATION

STATUS HISTORY

STATUS:	DATE:
OPEN - CASE BEGIN DATE	1988-12-16
OPEN - SITE ASSESSMENT	1989-01-11
COMPLETED - CASE	1990-01-16

CONTACT DETAILS

ORGANIZATION: LOS ANGELES RWQCB (REGION 4)

ADDRESS: 320 W. 4TH ST., SUITE 200

CITY: LOS ANGELES

CONTACT NAME: YUE RONG

CONTACT TYPE: REGIONAL BOARD CASEWORKER

CONTACT PHONE: NOT REPORTED

EMAIL: YRONG@WATERBOARDS.CA.GOV

ORGANIZATION: LOS ANGELES COUNTY

ADDRESS: 900 S FREMONT AVE

CITY: ALHAMBRA

CONTACT NAME: JOHN AWUJO

CONTACT TYPE: LOCAL AGENCY CASEWORKER

CONTACT PHONE: 6264583507

EMAIL: JAWUJO@DPW.LACOUNTY.GOV



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GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 3

Distance from Property: 0.06 mi. W

FACILITY INFORMATION

GLOBAL ID: T0603782444

BUSINESS NAME: MOBIL OIL STATION #18-E50

ADDRESS: 8441 PIONEER BLVD. S.
WHITTIER, CA 90606

COUNTY: LOS ANGELES

FACILITY DETAILS

CASE TYPE: LUST Cleanup Site

CASE NUMBER: I-01034A

STATUS: OPEN - SITE ASSESSMENT 2005-06-07 00:00:00

POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

AQUIFER USED FOR DRINKING WATER SUPPLY

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	2008-06-03	13267 REQUIREMENT
ENFORCEMENT	2008-12-16	STAFF LETTER
ENFORCEMENT	2009-06-15	STAFF LETTER
ENFORCEMENT	2010-05-05	STAFF LETTER
OTHER	1950-01-01	LEAK DISCOVERY
OTHER	1950-01-01	LEAK REPORTED
RESPONSE	2008-10-15	MONITORING REPORT - QUARTERLY
RESPONSE	2009-04-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2009-01-15	MONITORING REPORT - QUARTERLY
RESPONSE	2008-12-16	SOIL AND WATER INVESTIGATION WORKPLAN
RESPONSE	2010-01-15	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	2009-04-15	MONITORING REPORT - QUARTERLY
RESPONSE	2008-07-15	MONITORING REPORT - QUARTERLY
RESPONSE	2009-07-15	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	2008-08-15	OTHER REPORT / DOCUMENT
RESPONSE	2010-03-24	SOIL AND WATER INVESTIGATION WORKPLAN
RESPONSE	2010-04-15	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	2010-07-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2010-07-16	SITE ASSESSMENT REPORT
RESPONSE	2010-10-13	PILOT STUDY / TREATABILITY WORKPLAN
RESPONSE	2010-10-15	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	2011-02-04	REMEDIAL PROGRESS REPORT
RESPONSE	2011-02-09	SITE ASSESSMENT REPORT



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GEOTRACKER CLEANUP SITES (CLEANUPSITES)

RESPONSE	2011-05-05	OTHER WORKPLAN
RESPONSE	2011-07-15	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	2012-01-15	MONITORING REPORT - QUARTERLY
RESPONSE	2011-10-05	SITE ASSESSMENT REPORT
REMEDIATION	1950-01-01	NOT REPORTED
REMEDIATION	1950-01-01	OTHER (USE DESCRIPTION FIELD)

STATUS HISTORY

STATUS:	DATE:
OPEN - CASE BEGIN DATE	2005-06-07
OPEN - SITE ASSESSMENT	2005-06-07

CONTACT DETAILS

ORGANIZATION: LOS ANGELES COUNTY
ADDRESS: 900 S. FREMONT AVE.
CITY: ALHAMBRA
CONTACT NAME: MANUEL R REGALADO
CONTACT TYPE: LOCAL AGENCY CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: MREGALAD@DPW.LACOUNTY.GOV

ORGANIZATION: LOS ANGELES RWQCB (REGION 4)
ADDRESS: 320 W. 4TH STREET, SUITE 200
CITY: LOS ANGELES
CONTACT NAME: HA D. NGUYEN
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: 2135766658
EMAIL: HNGUYEN@WATERBOARDS.CA.GOV

CORTESE LIST (CORTESE)

MAP ID# 3

Distance from Property: 0.06 mi. W

FACILITY INFORMATION

ID#: I-01034

NAME: MOBIL #18-E50 (FORMER #11

ADDRESS: 8441 PIONEER
WHITTIER CA



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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 3

Distance from Property: 0.06 mi. W

J KERALER, 8441 S PIONEER, Whittier, CA 90606

UNIQUE ID: 00027D92

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*** E13 ***

PAGE 15519

STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

I OWNER
MOBIL OIL CORP
612 S. FLOWER ST

LOS ANGELES

CA 90017

II FACILITY

J. KERALER
8441 S. PIONEER
WHITTIER

CA 90606

MAILING ADDRESS
TOWNSHIP/RANGE/SECTION
8441 S. PIONEER
WHITTIER

CA 90606

DEALER/FOREMAN/SUPERVISOR
TELEPHONE

SAME

(213) 695-2237

TYPE OF BUSINESS
NO. OF CONTAINERS

GASOLINE STATION

4

CROSS STREET :

III 24-HR. CONTACT PERSON / TELEPHONE
DAY: KEROLIS

(213) 695-2237

NIGHT:

(213) 683-6187

***** OWNER ASSIGNED CONTAINER NUMBER: 4

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000039900001 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1970
D. CAPACITY (GALLONS) : 9,940

E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: UNLEADED

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING; NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNKNOWN
F. WRAPPING : NONE

VI PIPING

A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : PRESSURE
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12031 UNLEADED MOTOR VEHICLE FUEL

*** F13 ***

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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 3

Distance from Property: 0.06 mi. W

J KERALER, 8441 S PIONEER, Whittier, CA 90606

UNIQUE ID: 00027D92

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*** F13 ***

PAGE 15520

STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1 2 3 4 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 3

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000039900002 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1970
D. CAPACITY (GALLONS) : 8,000
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: REGULAR

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNKNOWN
F. WRAPPING : NONE

VI PIPING

A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : PRESSURE
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12032 REGULAR MOTOR VEHICLE FUEL

***** OWNER ASSIGNED CONTAINER NUMBER: 2

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000039900003 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1971
D. CAPACITY (GALLONS) : 6,000
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: PREMIUM

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNKNOWN
F. WRAPPING : NONE

VI PIPING

A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : PRESSURE
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
12033 PREMIUM MOTOR VEHICLE FUEL

*** G13 ***

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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 3

Distance from Property: 0.06 mi. W

J KERALER, 8441 S PIONEER, Whittier, CA 90606

UNIQUE ID: 00027D92

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*** G13 ***

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STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 1

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 000003990004 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK

B. MANUFACTURER/YR OF MFG:

C. YEAR INSTALLED : 1970

D. CAPACITY (GALLONS) : 200

E. REPAIRS : NONE IF YES WHEN :

F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:

G. STORES : WASTE

H. MOTOR VEHICLE FUEL/WASTE OIL : YES CONTAINS: WASTE OIL

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:

B. VAULTING: NON-VAULTED C. WALLING: SINGLE

D. MATERIAL : CARBON STEEL

E. LINING : UNKNOWN

F. WRAPPING : NONE

VI PIPING

A. ABOVEGROUND PIPING :

B. UNDERGROUND PIPING : UNKNOWN

C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION

STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER

12035 WASTE OIL

*** H13 ***

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LEAKING UNDERGROUND STORAGE TANKS (LUST)

MAP ID# 3

Distance from Property: 0.06 mi. W

SITE INFORMATION

ID#: **T0603702748** REGIONAL CASE #: **I-01034**

SITE NAME: **MOBIL #18-E50 (FORMER #11-E50)**

ADDRESS: **8441 PIONEER BLVD S
WHITTIER, CA**

CROSS STREET: **SLAUSON**

COUNTY: **LOS ANGELES**

FACILITY OPERATOR: **KERALES, FARID K.**

LOCAL CASE #: **NOT REPORTED**

RESPONSIBLE PARTY: **MOBIL OIL CORP**

ADDRESS: **3700 190TH ST W, TPT-2, TORRANCE CA 90509-2929**

CASE INFORMATION

CASE TYPE: **OTHER GROUNDWATER (NOT**

CASE WAS REPORTED: **1987-10-26**

CASE ENTERED INTO SYSTEM: **1987-11-17**

CASE WAS REVIEWED: **1999-10-08**

CASE WAS CLOSED: **1999-06-30**

ENFORCEMENT TYPE: **NOT REPORTED**

ENFORCEMENT BEGAN: **NOT REPORTED**

FUNDING TYPE: **NOT REPORTED**

REGIONAL BOARD RESPONSIBLE FOR CASE: **LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD (REGION 4)**

PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**

INTERIM FOR THE CASE: **NOT REPORTED**

CURRENT STATUS: **9 - CASE CLOSED**

LEAD AGENCY: **REGIONAL BOARD LEAD**

LOCAL AGENCY: **LOS ANGELES DEPT OF PUBLIC WORKS, ENV PROGRAMS**

MTBE CLASSIFICATION: **NOT REPORTED**

MAXIMUM MTBE CONCENTRATION WAS FOUND: **1965-01-01**

MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **11000**

MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**

NUMBER OF MTBE ANALYTICAL RESULTS: **1** MTBE TESTED: **YES**

NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**

CASE SUMMARY: **CLOSED CLOSED. SITE IS NO LONGER A THREAT TO NEARBY PUBLIC WATERS. THERE IS EVIDENT OF A NATURAL BIOATTENUATION.; 10/8/99 WELL ABANDONMENT & REMED. COMPOUND DEMOLITION**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **TANK CLOSURE**

DATE LEAK WAS DISCOVERED: **1987-10-14**

HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED**

LEAK WAS STOPPED: **1987-10-14**

CAUSE OF LEAK: **NOT REPORTED**

SOURCE OF LEAK: **NOT REPORTED**

LEAK CONFIRMATION: **NOT REPORTED**

SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**

QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**

PRELIMINARY SITE ASSESSEMENT UNDERWAY: **NOT REPORTED**

REMEDIAL ACTION UNDERWAY: **NOT REPORTED**

POLUTION CHARACTERIZATION: **NOT REPORTED**

REMEDICATION PLAN: **NOT REPORTED**

VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**

CLEANUP FUND ID: **NOT REPORTED**

PRIORITY: **NOT REPORTED**

ABATEMENT METHOD: **EXCAVATE AND DISPOSE**

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED**

WATER WELL ID#: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SAN FERNANDO VALLEY**

BENEFICIAL USE: **NOT REPORTED**

LEAKING UNDERGROUND STORAGE TANKS (LUST)

MAP ID# 3

Distance from Property: 0.06 mi. W

SITE INFORMATION

ID#: **T0603782444** REGIONAL CASE #: **I-01034A**

LOCAL CASE #: **000986-001034**

SITE NAME: **MOBIL OIL STATION #18-E50**

RESPONSIBLE PARTY: **GREGORY BARTON**

ADDRESS: **8441 SOUTH PIONEER BLVD.
WHITTIER, CA**

ADDRESS: **3700 W. 190TH ST., TPT2**

CROSS STREET: **SLAUSON BL**

COUNTY: **LOS ANGELES**

FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **UNDETERMINED**

CASE WAS REPORTED: **2005-06-07**

CASE ENTERED INTO SYSTEM: **NOT REPORTED**

CASE WAS REVIEWED: **NOT REPORTED**

CASE WAS CLOSED: **NOT REPORTED**

ENFORCEMENT TYPE: **NOT REPORTED**

ENFORCEMENT BEGAN: **NOT REPORTED**

FUNDING TYPE: **LOP STATE FUND**

REGIONAL BOARD RESPONSIBLE FOR CASE: **LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD (REGION 4)**

PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**

INTERIM FOR THE CASE: **NOT REPORTED**

CURRENT STATUS: **1 - LEAK CONFIRMATION**

LEAD AGENCY: **REGIONAL BOARD LEAD**

LOCAL AGENCY: **LOS ANGELES DEPT OF PUBLIC WORKS, ENV PROGRAMS**

MTBE CLASSIFICATION: **NOT REPORTED**

MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**

MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**

MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**

NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **YES**

NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**

CASE SUMMARY: **LA COUNTY DEPT. OF PUBLIC WORKS REFERRED CASE TO LARWQCB.**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **TANK CLOSURE**

DATE LEAK WAS DISCOVERED: **2005-06-07**

HOW THE CASE/LEAK WAS STOPPED: **NEW TANK**

LEAK WAS STOPPED: **NOT REPORTED**

CAUSE OF LEAK: **NOT REPORTED**

SOURCE OF LEAK: **PIPING**

LEAK CONFIRMATION: **2005-06-07**

SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**

QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**

PRELIMINARY SITE ASSESSEMENT UNDERWAY: **NOT REPORTED**

REMEDIAL ACTION UNDERWAY: **NOT REPORTED**

POLUTION CHARACTERIZATION: **NOT REPORTED**

REMEDICATION PLAN: **NOT REPORTED**

VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**

CLEANUP FUND ID: **NOT REPORTED**

PRIORITY: **NOT REPORTED**

ABATEMENT METHOD: **NOT REPORTED**

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED**

WATER WELL ID#: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: 0

GROUNDWATER BASIN: **NOT REPORTED**

BENEFICIAL USE: **NOT REPORTED**

STATEWIDE ENVIRONMENTAL EVALUATION AND PLANNING SYSTEM (SWEEPS)

MAP ID# 3

Distance from Property: 0.06 mi. W

FACILITY INFORMATION

FACILITY #: 1034 STATUS: **ACTIVE**
BOE #: 44-000400 JURISDICTION: **LOS ANGELES COUNTY**
NAME: **MOBIL OIL CORP SS 11E50** AGENCY: **WASTE MANAGEMENT DEPARTMENT**
ADDRESS: 8441 S PIONEER BLVD
WHITTIER, CA 90606

TANK INFORMATION

TANK #: 000001 CAPACITY: 12000
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: M.V. FUEL STORAGE TYPE: PRODUCT
CONTENT: REG UNLEADED CONTAINMENT: NOT REPORTED

TANK #: 000002 CAPACITY: 10000
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: M.V. FUEL STORAGE TYPE: PRODUCT
CONTENT: REG UNLEADED CONTAINMENT: NOT REPORTED

TANK #: 000003 CAPACITY: 10000
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: M.V. FUEL STORAGE TYPE: PRODUCT
CONTENT: LEADED CONTAINMENT: NOT REPORTED

TANK #: 000004 CAPACITY: 550
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: OIL STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000005 CAPACITY: NOT REPORTED
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: UNKNOWN STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000006 CAPACITY: NOT REPORTED
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: UNKNOWN STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000007 CAPACITY: NOT REPORTED
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: UNKNOWN STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000008 CAPACITY: NOT REPORTED
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: UNKNOWN STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED



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UNDERGROUND STORAGE TANKS (USTCUPA)

MAP ID# 3

Distance from Property: 0.06 mi. W

FACILITY INFORMATION

GLOBAL ID: 223 FACILITY ID: 1034

NAME: MOBIL OIL CORP S/S #18-E50

ADDRESS: 8441 PIONEER BLVD
WHITTIER CA 90606

FACILITY DETAILS

OTHER FACILITY NAME(S) LISTED FOR THIS SITE: MOBIL OIL CORP S/S #18-E50

PERMIT AGENCY: LOS ANGELES COUNTY



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GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 3

Distance from Property: 0.06 mi. W

FACILITY INFORMATION

GLOBAL ID: T0603702748

BUSINESS NAME: MOBIL #18-E50 (FORMER #11-E50)

ADDRESS: 8441 PIONEER BLVD S
WHITTIER, CA 90606

COUNTY: LOS ANGELES

FACILITY DETAILS

CASE TYPE: LUST Cleanup Site

CASE NUMBER: I-01034

STATUS: COMPLETED - CASE CLOSED 1999-06-30 00:00:00

POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

AQUIFER USED FOR DRINKING WATER SUPPLY

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	1950-01-01	LEAK DISCOVERY
OTHER	1950-01-01	LEAK STOPPED
OTHER	1950-01-01	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - CASE BEGIN DATE	1987-10-14
COMPLETED - CASE	1999-06-30

CONTACT DETAILS

ORGANIZATION: LOS ANGELES RWQCB (REGION 4)

ADDRESS: 320 WEST 4TH STREET SUITE 200

CITY: LOS ANGELES

CONTACT NAME: AHMAD J. LAMMA

CONTACT TYPE: REGIONAL BOARD CASEWORKER

CONTACT PHONE: NOT REPORTED

EMAIL: ALAMAA@WATERBOARDS.CA.GOV

ORGANIZATION: LOS ANGELES COUNTY

ADDRESS: 900 S FREMONT AVE

CITY: ALHAMBRA

CONTACT NAME: JOHN AWUJO

CONTACT TYPE: LOCAL AGENCY CASEWORKER

CONTACT PHONE: 6264583507

EMAIL: JAWUJO@DPW.LACOUNTY.GOV



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CORTESE LIST (CORTESE)

MAP ID# 4

Distance from Property: 0.07 mi. W

FACILITY INFORMATION

ID#: I-01905

NAME: CHEVRON #9-0913 (FORMER)

ADDRESS: 8505 PIONEER
WHITTIER CA



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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 4

Distance from Property: 0.07 mi. W

90913, 8505 S PIONEER BLVD, Whittier, CA 90606

UNIQUE ID: 00026C21

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PAGE 4623

STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SLUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

I OWNER
CHEVRON U.S.A. INC.
575 MARKET
SAN FRANCISCO CA 94105

II FACILITY

MAILING ADDRESS TOWNSHIP/RANGE/SECTION	DEALER/FOREMAN/SUPERVISOR TELEPHONE	TYPE OF BUSINESS NO. OF CONTAINERS
90913 8505 S PIONEER BLVD WHITTIER CA 90606	DIONNE, BEN (213) 695-6455	GASOLINE STATION 4
CROSS STREET : SLAUSON BLVD		

III 24-HR. CONTACT PERSON / TELEPHONE
DAY: MAINTENANCE DISPATCH (213) 694-3920 NIGHT: () -

***** OWNER ASSIGNED CONTAINER NUMBER: 1 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000061936001 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK	E. REPAIRS : NONE IF YES WHEN :
B. MANUFACTURER/YR OF MFG: /1971	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
C. YEAR INSTALLED : 1971	G. STORES : PRODUCT
D. CAPACITY (GALLONS) : 10,000	H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS: 0000250	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL		
E. LINING : UNLINED		
F. WRAPPING : NONE		

VI PIPING

A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING :
C. REPAIRS : IF YES, YEAR OF MOST RECENT REPAIR:	

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
NONE



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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 4

Distance from Property: 0.07 mi. W

90913, 8505 S PIONEER BLVD, Whittier, CA 90606

UNIQUE ID: 00026C21

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*** ED4 ***

PAGE 4624

STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1=2,3,4,5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 2 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000061936002 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK	E. REPAIRS : NONE IF YES WHEN :
B. MANUFACTURER/YR OF MFG: /1971	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
C. YEAR INSTALLED : 1971	G. STORES : PRODUCT
D. CAPACITY (GALLONS) : 10,000	H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS: 0000250	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL		
E. LINING : UNLINED		
F. WRAPPING : NONE		

VI PIPING

A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING :
C. REPAIRS : IF YES, YEAR OF MOST RECENT REPAIR:	

**VII LEAK DETECTION
STOCK INVENTORY**

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
NONE

***** OWNER ASSIGNED CONTAINER NUMBER: 3 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000061936003 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK	E. REPAIRS : NONE IF YES WHEN :
B. MANUFACTURER/YR OF MFG: /1971	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
C. YEAR INSTALLED : 1971	G. STORES : PRODUCT
D. CAPACITY (GALLONS) : 5,000	H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS: 0000250	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL		
E. LINING : UNLINED		
F. WRAPPING : NONE		

VI PIPING

A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING :
C. REPAIRS : IF YES, YEAR OF MOST RECENT REPAIR:	

**VII LEAK DETECTION
STOCK INVENTORY**

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
NONE

*** ED4 ***



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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 4

Distance from Property: 0.07 mi. W

90913, 8505 S PIONEER BLVD, Whittier, CA 90606

UNIQUE ID: 00026C21

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PAGE 4625

STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1 2 3 4 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 4 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000061936004 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /1971
C. YEAR INSTALLED : 1971
D. CAPACITY (GALLONS) : 1,000
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORER : WASTE
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS: 0000130
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING : NONE

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING :
C. REPAIRS : IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
NONE

*** F04 ***



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

MAP ID# 4

Distance from Property: 0.07 mi. W

SITE INFORMATION

ID#: **T0603702809** REGIONAL CASE #: **I-01905** LOCAL CASE #: **NOT REPORTED**
SITE NAME: **CHEVRON #9-0913 (FORMER)** RESPONSIBLE PARTY: **CHEVRON U.S.A. PRODUCTS CO**
ADDRESS: **8505 PIONEER BLVD S** ADDRESS: **1300 SOUTH BEACH BLVD., LA HABRA CA 90631**
WHITTIER, CA
CROSS STREET: **SLAUSON AVE**
COUNTY: **LOS ANGELES**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **SOIL IMPACTED** CASE WAS REPORTED: **1994-01-31**
CASE ENTERED INTO SYSTEM: **1994-02-11** CASE WAS REVIEWED: **1996-06-30**
CASE WAS CLOSED: **1996-08-26**
ENFORCEMENT TYPE: **NOT REPORTED**
ENFORCEMENT BEGAN: **NOT REPORTED**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD (REGION 4)**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **9 - CASE CLOSED**
LEAD AGENCY: **REGIONAL BOARD LEAD** LOCAL AGENCY: **LOS ANGELES DEPT OF PUBLIC WORKS, ENV PROGRAMS**
MTBE CLASSIFICATION: **NOT REPORTED**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT TESTED**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **NOT REPORTED**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED** DATE LEAK WAS DISCOVERED: **1943-01-29**
HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED** LEAK WAS STOPPED: **NOT REPORTED**
CAUSE OF LEAK: **NOT REPORTED** SOURCE OF LEAK: **PIPING**
LEAK CONFIRMATION: **NOT REPORTED**
SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**

PRELIMINARY SITE ASSESSEMENT UNDERWAY: **NOT REPORTED**

REMEDIAL ACTION UNDERWAY: **NOT REPORTED**

POLUTION CHARACTERIZATION: **NOT REPORTED**

REMEDATION PLAN: **NOT REPORTED**

VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**

CLEANUP FUND ID: **NOT REPORTED**

PRIORITY: **NOT REPORTED**

ABATEMENT METHOD: **NOT REPORTED**

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED**

WATER WELL ID#: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: 0

GROUNDWATER BASIN: **SAN FERNANDO VALLEY**

BENEFICIAL USE: **NOT REPORTED**

STATEWIDE ENVIRONMENTAL EVALUATION AND PLANNING SYSTEM (SWEEPS)

MAP ID# 4

Distance from Property: 0.07 mi. W

FACILITY INFORMATION

FACILITY #: 1905 STATUS: **ACTIVE**
BOE #: 44-007596 JURISDICTION: **LOS ANGELES COUNTY**
NAME: **CHEVRON USA SS 913** AGENCY: **WASTE MANAGEMENT DEPARTMENT**
ADDRESS: **8505 S PIONEER BLVD**
WHITTIER, CA

TANK INFORMATION

TANK #: **000001** CAPACITY: **NOT REPORTED**
INSTALLED: **NOT REPORTED** REMOVED: **NOT REPORTED**
TANK USE: **UNKNOWN** STORAGE TYPE: **WASTE**
CONTENT: **NOT REPORTED** CONTAINMENT: **NOT REPORTED**

TANK #: **000002** CAPACITY: **NOT REPORTED**
INSTALLED: **NOT REPORTED** REMOVED: **NOT REPORTED**
TANK USE: **UNKNOWN** STORAGE TYPE: **WASTE**
CONTENT: **NOT REPORTED** CONTAINMENT: **NOT REPORTED**

TANK #: **000003** CAPACITY: **NOT REPORTED**
INSTALLED: **NOT REPORTED** REMOVED: **NOT REPORTED**
TANK USE: **UNKNOWN** STORAGE TYPE: **WASTE**
CONTENT: **NOT REPORTED** CONTAINMENT: **NOT REPORTED**

TANK #: **000004** CAPACITY: **NOT REPORTED**
INSTALLED: **NOT REPORTED** REMOVED: **NOT REPORTED**
TANK USE: **UNKNOWN** STORAGE TYPE: **WASTE**
CONTENT: **NOT REPORTED** CONTAINMENT: **NOT REPORTED**



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GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 4

Distance from Property: 0.07 mi. W

FACILITY INFORMATION

GLOBAL ID: T0603702809

BUSINESS NAME: CHEVRON #9-0913 (FORMER)

ADDRESS: 8505 PIONEER BLVD S
WHITTIER, CA 90606

COUNTY: LOS ANGELES

FACILITY DETAILS

CASE TYPE: LUST Cleanup Site

CASE NUMBER: I-01905

STATUS: COMPLETED - CASE CLOSED 1996-08-26 00:00:00

POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

SOIL

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	1950-01-01	LEAK DISCOVERY
OTHER	1950-01-01	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - CASE BEGIN DATE	1994-01-31
COMPLETED - CASE	1996-08-26

CONTACT DETAILS

ORGANIZATION: LOS ANGELES RWQCB (REGION 4)

ADDRESS: 320 W. 4TH ST., SUITE 200

CITY: LOS ANGELES

CONTACT NAME: YUE RONG

CONTACT TYPE: REGIONAL BOARD CASEWORKER

CONTACT PHONE: NOT REPORTED

EMAIL: YRONG@WATERBOARDS.CA.GOV

ORGANIZATION: LOS ANGELES COUNTY

ADDRESS: 900 S FREMONT AVE

CITY: ALHAMBRA

CONTACT NAME: JOHN AWUJO

CONTACT TYPE: LOCAL AGENCY CASEWORKER

CONTACT PHONE: 6264583507

EMAIL: JAWUJO@DPW.LACOUNTY.GOV



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GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 5

Distance from Property: 0.19 mi. S

FACILITY INFORMATION

GLOBAL ID: **SL204721662**

BUSINESS NAME: **USG CORP**

ADDRESS: **8707 SOUTH MILLERGROVE DRIVE
SANTA FE SPRINGS, CA**

COUNTY: **LOS ANGELES**

FACILITY DETAILS

CASE TYPE: **Cleanup Program Site**

CASE NUMBER: **0317**

STATUS: **COMPLETED - CASE CLOSED 1998-12-01 00:00:00**

POTENTIAL CONTAMINATION:

NOT REPORTED

POTENTIAL MEDIA AFFECTED:

NOT REPORTED

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION: DATE: ACTION:

STATUS HISTORY

STATUS: DATE:

OPEN - CASE BEGIN DATE 1995-11-01

COMPLETED - CASE 1998-12-01

CONTACT DETAILS

ORGANIZATION: **LOS ANGELES RWQCB (REGION 4)**

ADDRESS: **320 W. 4TH ST., SUITE 200**

CITY: **LOS ANGELES**

CONTACT NAME: **JENNY AU**

CONTACT TYPE: **REGIONAL BOARD CASEWORKER**

CONTACT PHONE: **2135766739**

EMAIL: **JAU@WATERBOARDS.CA.GOV**



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CORTESE LIST (CORTESE)

MAP ID# 5

Distance from Property: 0.19 mi. S

FACILITY INFORMATION

ID#: I-06502

NAME: USG CORP. & DAP/WILHOLD

ADDRESS: 8707 MILLERGROVE
SANTA FE SPRINGS CA



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ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 5

Distance from Property: 0.19 mi. S

SITE INFORMATION

ID#: **71002153** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

NAME: **CUSTOM CHEMICAL FORMULATORS, INC.**

ADDRESS: **8707 MILLERGROVE DRIVE**

SANTA FE SPRINGS, CA 90670

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **NOT REPORTED**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: **NOT REPORTED**

DTSC DIVISION BRANCH: **CYPRESS**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **TIERED PERMIT**

SITE TYPE DESCRIPTION

NOT REPORTED

DTSC's CURRENT INVOLVEMENT AT SITE (as of 2000-11-13)

NOT REPORTED

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 5

Distance from Property: 0.19 mi. S

BEECHAM HOME PRODUCT IMPROVEME, 8707 MILLERGROVE DR, Santa Fe Springs, CA 90670

UNIQUE ID: 00028019

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PAGE 19207

STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1 2 3 4 5

(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

I OWNER

ROBERTS CONSOLIDATED INDUSTRIE
600 NO. BALDWIN PARKD BLVD

CITY OF INDUSTRY

CA 91749

II FACILITY

BEECHAM HOME PRODUCT IMPROVEME
8707 MILLERGROVE DR.
SANTA FE SPRINGS CA 90670

MAILING ADDRESS
TOWNSHIP/RANGE/SECTION

8707 MILLERGROVE DR.
SANTA FE SPRINGS CA 90670

DEALER/FOREMAN/SUPERVISOR
TELEPHONE

WILSON, DONALD
(213) 692-0911

TYPE OF BUSINESS
NO. OF CONTAINERS

MFG.
18

CROSS STREET :
ENTERPRISE/PIONEER

III 24-HR CONTACT PERSON / TELEPHONE

DAY: WILSON, DONALD

(213) 692-0911

NIGHT: WILSON, DONALD

(714) 871-0321

***** OWNER ASSIGNED CONTAINER NUMBER: 1

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000041340001 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG : /
C. YEAR INSTALLED : 1975
D. CAPACITY (GALLONS) : 5,000

E. REPAIRS : IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS : B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION

STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER

CONTACT ADHESIVE

*** 008 ***

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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 5

Distance from Property: 0.19 mi. S

BEECHAM HOME PRODUCT IMPROVEME, 8707 MILLERGROVE DR, Santa Fe Springs, CA 90670

UNIQUE ID: 00028019

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*** C08 ***

PAGE 19208

STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=BUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 2

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000041340002 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1975
D. CAPACITY (GALLONS) : 5,000
E. REPAIRS : IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER CONTACT ADHESIVE

***** OWNER ASSIGNED CONTAINER NUMBER: 3

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000041340003 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1975
D. CAPACITY (GALLONS) : 5,000
E. REPAIRS : IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER CONTACT ADHESIVE

*** D08 ***



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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 5

Distance from Property: 0.19 mi. S

BEECHAM HOME PRODUCT IMPROVEME, 8707 MILLERGROVE DR, Santa Fe Springs, CA 90670

UNIQUE ID: 00028019

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PAGE 19209

STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1-2-3-4-5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 4

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000041340004 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK / E. REPAIRS : IF YES WHEN :
B. MANUFACTURER/YR OF MFG : / F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
C. YEAR INSTALLED : 1975 G. STORES : PRODUCT
D. CAPACITY (GALLONS) : 5,000 H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS: B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER CONTACT ADHESIVE

***** OWNER ASSIGNED CONTAINER NUMBER: 5

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000041340005 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK / E. REPAIRS : IF YES WHEN :
B. MANUFACTURER/YR OF MFG : / F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
C. YEAR INSTALLED : 1975 G. STORES : PRODUCT
D. CAPACITY (GALLONS) : 5,000 H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS: B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER CONTACT ADHESIVE

*** E08 ***



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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 5

Distance from Property: 0.19 mi. S

BEECHAM HOME PRODUCT IMPROVEME, 8707 MILLERGROVE DR, Santa Fe Springs, CA 90670

UNIQUE ID: 00028019

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*** E08 ***

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STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SLUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 06

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000041340006 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1968
D. CAPACITY (GALLONS) : 10,000
E. REPAIRS : IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER

110543 * N-HEXANE (HEXANE)

***** OWNER ASSIGNED CONTAINER NUMBER: 7

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000041340007 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1968
D. CAPACITY (GALLONS) : 5,000
E. REPAIRS : IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER

8030306 VMP (VARNISH MAKERS & PAINTERS) NAPHTHA

* CHECK STATE BOARD CHEMICAL CODE LISTING FOR POSSIBLE SYNONYMS

*** F08 ***

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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 5

Distance from Property: 0.19 mi. S

BEECHAM HOME PRODUCT IMPROVEME, 8707 MILLERGROVE DR, Santa Fe Springs, CA 90670

UNIQUE ID: 00028019

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*** FOB ***

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STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1, 2, 3, 4, 5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 8

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 000004134008 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1968
D. CAPACITY (GALLONS) : 5,000
E. REPAIRS : IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER

108883 * TOLUENE (METHYLBENZENE, AROMATIC HYDROCARBON, LOW ANILINE)

***** OWNER ASSIGNED CONTAINER NUMBER: 9

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 000004134009 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1968
D. CAPACITY (GALLONS) : 5,000
E. REPAIRS : IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER

67641 * ACETONE (DIMETHYL KETONE, 2-PROPANONE)

* CHECK STATE BOARD CHEMICAL CODE LISTING FOR POSSIBLE SYNONYMS

*** G08 ***

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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 5

Distance from Property: 0.19 mi. S

BEECHAM HOME PRODUCT IMPROVEME, 8707 MILLERGROVE DR, Santa Fe Springs, CA 90670

UNIQUE ID: 00028019

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*** G08 ***

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STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1-2-3-4-5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 10 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000041340010 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1968
D. CAPACITY (GALLONS) : 2,000
E. REPAIRS : IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : UNKN IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
78933 * METHYL ETHYL KETONE (2-BUTANONE)

***** OWNER ASSIGNED CONTAINER NUMBER: 11 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000041340011 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1983
D. CAPACITY (GALLONS) : 10,000
E. REPAIRS : IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM :

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
64742898 * PETROLEUM NAPHTHA:LACTOL SPIRITS (RUBBER SOLVENT,SPECIAL LACT

* CHECK STATE BOARD CHEMICAL CODE LISTING FOR POSSIBLE SYNONYMS

*** H08 ***

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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 5

Distance from Property: 0.19 mi. S

BEECHAM HOME PRODUCT IMPROVEME, 8707 MILLERGROVE DR, Santa Fe Springs, CA 90670

UNIQUE ID: 00028019

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STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1-2-3-4-5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=BUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 12 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000041340012 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1983
D. CAPACITY (GALLONS) : 8,000
E. REPAIRS : IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
6472828 * PETROLEUM NAPHTHA:LACTOL SPIRITS (RUBBER SOLVENT,SPECIAL LACT

***** OWNER ASSIGNED CONTAINER NUMBER: 13 SOUTH ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000041340013 *****

IV DESCRIPTION

A. CONTAINER TYPE : TANK
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : 1980
D. CAPACITY (GALLONS) : 8,000
E. REPAIRS : IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : PRODUCT
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL
E. LINING : UNLINED
F. WRAPPING :

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : SUCTION
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION STOCK INVENTORY

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
108054 VINYL ACETATE

* CHECK STATE BOARD CHEMICAL CODE LISTING FOR POSSIBLE SYNONYMS

*** I08 ***

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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 5

Distance from Property: 0.19 mi. S

BEECHAM HOME PRODUCT IMPROVEME, 8707 MILLERGROVE DR, Santa Fe Springs, CA 90670

UNIQUE ID: 00028019

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*** JOB ***

PAGE 19214	STATE WATER RESOURCES CONTROL BOARD HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY CONTAINER TYPES: 1, 2, 3, 4, 5 (1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=BUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)	06/01/88
***** OWNER ASSIGNED CONTAINER NUMBER: 14 NORTH ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000041340014 *****		
IV DESCRIPTION		
A. CONTAINER TYPE : TANK	E. REPAIRS : IF YES WHEN :	
B. MANUFACTURER/YR OF MFG: /	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:	
C. YEAR INSTALLED : 1980	G. STORES : PRODUCT	
D. CAPACITY (GALLONS) : 8,000	H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:	
IS CONTAINER LOCATED ON A FARM : NO		
V CONTAINER CONSTRUCTION		
A. THICKNESS:	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE
D. MATERIAL : CARBON STEEL		
E. LINING : UNLINED		
F. WRAPPING :		
VI PIPING		
A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : SUCTION	
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:		
VII LEAK DETECTION STOCK INVENTORY		
VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER 108054 VINYL ACETATE		
***** OWNER ASSIGNED CONTAINER NUMBER: 15 ***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000041340015 *****		
IV DESCRIPTION		
A. CONTAINER TYPE : SLUMP	E. REPAIRS : NONE IF YES WHEN :	
B. MANUFACTURER/YR OF MFG: /	F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:	
C. YEAR INSTALLED : UNK	G. STORES : WASTE	
D. CAPACITY (GALLONS) : 1,000	H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:	
IS CONTAINER LOCATED ON A FARM : NO		
V CONTAINER CONSTRUCTION		
A. THICKNESS:	B. VAULTING: NON-VAULTED	C. WALLING: SINGLE
D. MATERIAL : CONCRETE		
E. LINING : UNLINED		
F. WRAPPING : NONE		
VI PIPING		
A. ABOVEGROUND PIPING :	B. UNDERGROUND PIPING : GRAVITY	
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:		
VII LEAK DETECTION NONE		
VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER WASTE WATER (PROCESS OR INDUSTRIAL)		

*** JOB ***



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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 5

Distance from Property: 0.19 mi. S

BEECHAM HOME PRODUCT IMPROVEME, 8707 MILLERGROVE DR, Santa Fe Springs, CA 90670

UNIQUE ID: 00028019

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*** JOB ***

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STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1, 2, 3, 4, 5
(1-FARM MOTOR VEHICLE FUEL TANKS, 2-ALL OTHER PRODUCT TANKS, 3-WASTE TANKS, 4-SUMPS, 5-PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 16

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000041340016 *****

IV DESCRIPTION

A. CONTAINER TYPE : SUMP
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : UNK
D. CAPACITY (GALLONS) : 100
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : WASTE
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
D. MATERIAL : CONCRETE B. VAULTING: NON-VAULTED C. WALLING: SINGLE
E. LINING : UNLINED
F. WRAPPING : NONE

VI PIPING

A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : GRAVITY
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
NONE

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
WASTE WATER (PROCESS OR INDUSTRIAL)

***** OWNER ASSIGNED CONTAINER NUMBER: 17

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 0000041340017 *****

IV DESCRIPTION

A. CONTAINER TYPE : SUMP
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED : UNK
D. CAPACITY (GALLONS) : 1,000
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : WASTE
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
D. MATERIAL : CONCRETE B. VAULTING: NON-VAULTED C. WALLING: SINGLE
E. LINING : UNLINED
F. WRAPPING : NONE

VI PIPING

A. ABOVEGROUND PIPING : B. UNDERGROUND PIPING : GRAVITY
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION
NONE

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER
WASTE WATER (PROCESS OR INDUSTRIAL)

*** JOB ***

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STATE WATER RESOURCES CONTROL BOARD

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HISTORICAL UNDERGROUND STORAGE TANKS (HISTUST)

MAP ID# 5

Distance from Property: 0.19 mi. S

BEECHAM HOME PRODUCT IMPROVEME, 8707 MILLERGROVE DR, Santa Fe Springs, CA 90670

UNIQUE ID: 00028019

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*** NOB ***

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STATE WATER RESOURCES CONTROL BOARD
HAZARDOUS SUBSTANCE STORAGE CONTAINER INFORMATION FOR LOS ANGELES COUNTY

06/01/88

CONTAINER TYPES: 1=2,3,4,5
(1=FARM MOTOR VEHICLE FUEL TANKS, 2=ALL OTHER PRODUCT TANKS, 3=WASTE TANKS, 4=SLUPS, 5=PITS, PONDS, LAGOONS & OTHERS)

***** OWNER ASSIGNED CONTAINER NUMBER: 18

***** STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000041340018 *****

IV DESCRIPTION

A. CONTAINER TYPE : SLUP
B. MANUFACTURER/YR OF MFG: /
C. YEAR INSTALLED :
D. CAPACITY (GALLONS) : 1,000
E. REPAIRS : NONE IF YES WHEN :
F. CURRENTLY USED : YES IF NO, YEAR OF LAST USE:
G. STORES : WASTE
H. MOTOR VEHICLE FUEL/WASTE OIL : NO CONTAINS:

IS CONTAINER LOCATED ON A FARM : NO

V CONTAINER CONSTRUCTION

A. THICKNESS:
B. VAULTING: NON-VAULTED C. WALLING: SINGLE
D. MATERIAL : CONCRETE
E. LINING : UNLINED
F. WRAPPING : NONE

VI PIPING

A. ABOVEGROUND PIPING :
B. UNDERGROUND PIPING : GRAVITY
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:

VII LEAK DETECTION

NONE

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER

WASTE WATER (PROCESS OR INDUSTRIAL)

*** L08 ***

PAGE 19217

STATE WATER RESOURCES CONTROL BOARD

06/01/88

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LEAKING UNDERGROUND STORAGE TANKS (LUST)

MAP ID# 5

Distance from Property: 0.19 mi. S

SITE INFORMATION

ID#: **T0603703222** REGIONAL CASE #: **I-06502**

SITE NAME: **USG CORP. & DAP/WILHOLD**

ADDRESS: **8707 MILLERGROVE DR S
SANTA FE SPRINGS, CA**

CROSS STREET: **PIONEER BLVD**

COUNTY: **LOS ANGELES**

FACILITY OPERATOR: **WILSON, DORALD T.**

LOCAL CASE #: **NOT REPORTED**

RESPONSIBLE PARTY: **DAP INC./WILHOLD GLUES INC.**

ADDRESS: **PO BOX 277, DAYTON, OH, 45401-0277**

CASE INFORMATION

CASE TYPE: **SOIL IMPACTED**

CASE WAS REPORTED: **1990-05-01**

CASE ENTERED INTO SYSTEM: **1990-06-12**

CASE WAS REVIEWED: **1996-09-12**

CASE WAS CLOSED: **1997-07-31**

ENFORCEMENT TYPE: **NOT REPORTED**

ENFORCEMENT BEGAN: **NOT REPORTED**

FUNDING TYPE: **NOT REPORTED**

REGIONAL BOARD RESPONSIBLE FOR CASE: **LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD (REGION 4)**

PROGRAM FOR THE CASE: **SLIC - SPILLS, LEAKS, INVESTIGATION AND CLEANUP PROGRAM**

INTERIM FOR THE CASE: **NOT REPORTED**

CURRENT STATUS: **9 - CASE CLOSED**

LEAD AGENCY: **REGIONAL BOARD LEAD**

LOCAL AGENCY: **SANTA CRUZ SANTA FE SPRINGS FIRE DEPT**

MTBE CLASSIFICATION: **NOT REPORTED**

MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**

MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**

MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**

NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT REQUIRED**

NUMBER OF GASOLINE ANALYTICAL RESULTS: **0**

CASE SUMMARY: **SOLVENTS IN SOIL AND GROUNDWATER. DID PILOT TEST AND SUBMITTED CAP. REFERRED TO JR
BECAUSE OF SOLVENTS. REFER TO SLIC #317**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **TANK CLOSURE**

DATE LEAK WAS DISCOVERED: **1990-04-05**

HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED**

LEAK WAS STOPPED: **1990-04-05**

CAUSE OF LEAK: **NOT REPORTED**

SOURCE OF LEAK: **NOT REPORTED**

LEAK CONFIRMATION: **NOT REPORTED**

SUBSTANCE/S RELEASED: **ACETONE, ETC.**

QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**

PRELIMINARY SITE ASSESSEMENT UNDERWAY: **1990-05-01**

REMEDIAL ACTION UNDERWAY: **NOT REPORTED**

POLUTION CHARACTERIZATION: **1992-01-09**

REMEDATION PLAN: **1993-10-26**

VERIFICATION MONITORING UNDERWAY: **1996-09-12**

CLEANUP FUND ID: **NOT REPORTED**

PRIORITY: **NOT REPORTED**

ABATEMENT METHOD: **NOT REPORTED**

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED**

WATER WELL ID#: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SAN FERNANDO VALLEY**

BENEFICIAL USE: **NOT REPORTED**

SPILLS, LEAKS, INVESTIGATION & CLEANUP RECOVERY LISTING (SLIC)

MAP ID# 5

Distance from Property: 0.19 mi. S

INCIDENT INFORMATION

GLOBAL ID#: 4-317
NAME: USG CORPORATION & DAP/WILHOLD
ADDRESS: 8707 MILLERGROVE
SANTA FE SPRING CA 90670
LEAD AGENCY: LOS ANGELES RWQCB (REGION 4)
LEAD AGENCY CONTACT: NOT REPORTED
LEAD AGENCY CASE #: NOT REPORTED
SUBSTANCE RELEASED: VOCS
RESPONSIBLE PARTY: NOT REPORTED

SPILLS, LEAKS, INVESTIGATION & CLEANUP RECOVERY LISTING (SLIC)

MAP ID# 5

Distance from Property: 0.19 mi. S

INCIDENT INFORMATION

GLOBAL ID#: **SL204721662**
NAME: **USG CORP**
ADDRESS: **8707 SOUTH MILLERGROVE DRIVE**
SANTA FE SPRINGS CA 90670
LEAD AGENCY: **LOS ANGELES RWQCB (REGION 4)**
LEAD AGENCY CONTACT: **JENNY AU**
LEAD AGENCY CASE #: **0317**
SUBSTANCE RELEASED: **NOT REPORTED**
RESPONSIBLE PARTY: **FLUOR DANIEL GTI**



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STATEWIDE ENVIRONMENTAL EVALUATION AND PLANNING SYSTEM (SWEEPS)

MAP ID# 5

Distance from Property: 0.19 mi. S

FACILITY INFORMATION

FACILITY #: 6502 STATUS: ACTIVE
BOE #: NOT REPORTED JURISDICTION: LOS ANGELES COUNTY
NAME: CUSTOM CHEMICAL FORULATORS AGENCY: WASTE MANAGEMENT DEPARTMENT
ADDRESS: 8707 S MILLERGROVE DR
SANTE FE SPRINGS, CA 90670

TANK INFORMATION

TANK #: 000001 CAPACITY: 4036
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: CHEMICAL STORAGE TYPE: PRODUCT
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000002 CAPACITY: 4036
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: CHEMICAL STORAGE TYPE: PRODUCT
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000003 CAPACITY: 4036
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: CHEMICAL STORAGE TYPE: PRODUCT
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000004 CAPACITY: 4036
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: EMPTY STORAGE TYPE: PRODUCT
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000005 CAPACITY: 2458
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: EMPTY STORAGE TYPE: PRODUCT
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000006 CAPACITY: 2458
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: EMPTY STORAGE TYPE: PRODUCT
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000007 CAPACITY: NOT REPORTED
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: UNKNOWN STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000008 CAPACITY: NOT REPORTED
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: UNKNOWN STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED



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STATEWIDE ENVIRONMENTAL EVALUATION AND PLANNING SYSTEM (SWEEPS)

TANK #: 000009 CAPACITY: NOT REPORTED
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: UNKNOWN STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000010 CAPACITY: NOT REPORTED
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: UNKNOWN STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000011 CAPACITY: NOT REPORTED
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: UNKNOWN STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000012 CAPACITY: NOT REPORTED
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: UNKNOWN STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000013 CAPACITY: NOT REPORTED
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: UNKNOWN STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

TANK #: 000014 CAPACITY: NOT REPORTED
INSTALLED: NOT REPORTED REMOVED: NOT REPORTED
TANK USE: UNKNOWN STORAGE TYPE: WASTE
CONTENT: NOT REPORTED CONTAINMENT: NOT REPORTED

GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 5

Distance from Property: 0.19 mi. S

FACILITY INFORMATION

GLOBAL ID: T0603703222

BUSINESS NAME: USG CORP. & DAP/WILHOLD

ADDRESS: 8707 MILLERGROVE DR S
SANTA FE SPRINGS, CA 90670

COUNTY: LOS ANGELES

FACILITY DETAILS

CASE TYPE: Cleanup Program Site

CASE NUMBER: I-06502

STATUS: COMPLETED - CASE CLOSED 1997-07-31 00:00:00

POTENTIAL CONTAMINATION:

ACETONE

POTENTIAL MEDIA AFFECTED:

SOIL

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	1950-01-01	LEAK DISCOVERY
OTHER	1950-01-01	LEAK STOPPED
OTHER	1950-01-01	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - CASE BEGIN DATE	1990-04-05
OPEN - SITE ASSESSMENT	1990-05-01
OPEN - SITE ASSESSMENT	1992-01-09
OPEN - REMEDIATION	1993-10-26
OPEN - VERIFICATION	1996-09-12
COMPLETED - CASE	1997-07-31

CONTACT DETAILS

ORGANIZATION: LOS ANGELES RWQCB (REGION 4)

ADDRESS:

CITY: LOS ANGELES

CONTACT NAME: SLC

CONTACT TYPE: REGIONAL BOARD CASEWORKER

CONTACT PHONE: NOT REPORTED

EMAIL: NOT REPORTED



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GEOTRACKER CLEANUP SITES (CLEANUPSITES)

ORGANIZATION: **R4 UNKNOWN**

ADDRESS:

CITY: **R4 UNKNOWN**

CONTACT NAME: **UNK**

CONTACT TYPE: **LOCAL AGENCY CASEWORKER**

CONTACT PHONE: **NOT REPORTED**

EMAIL: **NOT REPORTED**



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STATEWIDE ENVIRONMENTAL EVALUATION AND PLANNING SYSTEM (SWEEPS)

MAP ID# 6

Distance from Property: 0.26 mi. S

FACILITY INFORMATION

FACILITY #: 5701

BOE #: NOT REPORTED

NAME: SUNSHINE BISCUITS INC

ADDRESS: 8724 S MILLERGROVE DR
SANTE FE SPRINGS, CA

STATUS: ACTIVE

JURISDICTION: LOS ANGELES COUNTY

AGENCY: WASTE MANAGEMENT DEPARTMENT

TANK INFORMATION



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CORTESE LIST (CORTESE)

MAP ID# 7

Distance from Property: 0.34 mi. SE

FACILITY INFORMATION

ID#: I-07841

NAME: GABRIEL CONTAINER CO

ADDRESS: 8844 MILLERGROVE
SANTA FE SPRINGS CA



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

MAP ID# 7

Distance from Property: 0.34 mi. SE

SITE INFORMATION

ID#: **T0603703319** REGIONAL CASE #: **I-07841**

SITE NAME: **GABRIEL CONTAINER CO.**

ADDRESS: **8844 MILLERGROVE DR S
SANTA FE SPRINGS, CA**

CROSS STREET: **CULTURA RD**

COUNTY: **LOS ANGELES**

FACILITY OPERATOR: **OLD CASE#113090-11**

LOCAL CASE #: **NOT REPORTED**

RESPONSIBLE PARTY: **GABRIEL CONTAINER CO.**

ADDRESS: **8844 MILLERGROVE DR., S., SANTA FE SPRINGS,**

CASE INFORMATION

CASE TYPE: **SOIL IMPACTED**

CASE WAS REPORTED: **1990-09-13**

CASE ENTERED INTO SYSTEM: **1990-11-29**

CASE WAS REVIEWED: **1993-06-30**

CASE WAS CLOSED: **1993-06-30**

ENFORCEMENT TYPE: **NOT REPORTED**

ENFORCEMENT BEGAN: **NOT REPORTED**

FUNDING TYPE: **NOT REPORTED**

REGIONAL BOARD RESPONSIBLE FOR CASE: **LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD (REGION 4)**

PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**

INTERIM FOR THE CASE: **NOT REPORTED**

CURRENT STATUS: **9 - CASE CLOSED**

LEAD AGENCY: **LOCAL AGENCY LEAD**

LOCAL AGENCY: **SANTA CRUZ SANTA FE SPRINGS FIRE DEPT**

MTBE CLASSIFICATION: **NOT REPORTED**

MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**

MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**

MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**

NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT REQUIRED**

NUMBER OF GASOLINE ANALYTICAL RESULTS: **0**

CASE SUMMARY: **NOT REPORTED**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **TANK CLOSURE**

DATE LEAK WAS DISCOVERED: **1992-07-01**

HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED**

LEAK WAS STOPPED: **1990-08-14**

CAUSE OF LEAK: **NOT REPORTED**

SOURCE OF LEAK: **NOT REPORTED**

LEAK CONFIRMATION: **1990-07-31**

SUBSTANCE/S RELEASED: **DIESEL FUEL OIL AND ADDITIVES**

QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**

PRELIMINARY SITE ASSESSEMENT UNDERWAY: **NOT REPORTED**

REMEDIAL ACTION UNDERWAY: **NOT REPORTED** POLLUTION CHARACTERIZATION: **NOT REPORTED**

REMEDICATION PLAN: **NOT REPORTED** VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**

CLEANUP FUND ID: **NOT REPORTED** PRIORITY: **NOT REPORTED**

ABATEMENT METHOD: **NOT REPORTED**

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID#: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: 0

GROUNDWATER BASIN: **SAN FERNANDO VALLEY**

BENEFICIAL USE: **NOT REPORTED**

GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 7

Distance from Property: 0.34 mi. SE

FACILITY INFORMATION

GLOBAL ID: T0603703319

BUSINESS NAME: GABRIEL CONTAINER CO.

ADDRESS: 8844 MILLERGROVE DR S
SANTA FE SPRINGS, CA 90670

COUNTY: LOS ANGELES

FACILITY DETAILS

CASE TYPE: LUST Cleanup Site

CASE NUMBER: I-07841

STATUS: COMPLETED - CASE CLOSED 1993-06-30 00:00:00

POTENTIAL CONTAMINATION:

DIESEL

POTENTIAL MEDIA AFFECTED:

SOIL

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	1950-01-01	LEAK DISCOVERY
OTHER	1950-01-01	LEAK STOPPED
OTHER	1950-01-01	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - CASE BEGIN DATE	1990-07-31
OPEN - SITE ASSESSMENT	1990-07-31
COMPLETED - CASE	1993-06-30

CONTACT DETAILS

ORGANIZATION: LOS ANGELES RWQCB (REGION 4)

ADDRESS: 320 W. 4TH ST., SUITE 200

CITY: LOS ANGELES

CONTACT NAME: YUE RONG

CONTACT TYPE: REGIONAL BOARD CASEWORKER

CONTACT PHONE: NOT REPORTED

EMAIL: YRONG@WATERBOARDS.CA.GOV

ORGANIZATION: R4 UNKNOWN

ADDRESS:

CITY: R4 UNKNOWN

CONTACT NAME: UNK

CONTACT TYPE: LOCAL AGENCY CASEWORKER

CONTACT PHONE: NOT REPORTED

EMAIL: NOT REPORTED



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CORTESE LIST (CORTESE)

MAP ID# 8

Distance from Property: 0.35 mi. SW

FACILITY INFORMATION

ID#: I-05874

NAME: ACE INDUSTRIES

ADDRESS: 8839 PIONEER
SANTA FE SPRINGS CA



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

MAP ID# 8

Distance from Property: 0.35 mi. SW

SITE INFORMATION

ID#: **T0603703119** REGIONAL CASE #: **I-05874** LOCAL CASE #: **NOT REPORTED**
SITE NAME: **ACE INDUSTRIES** RESPONSIBLE PARTY: **ACE INDUSTRIES**
ADDRESS: **8839 PIONEER BLVD S** ADDRESS: **8839 S PIONEER BLVD, SANTA FE SPRINGS, CA**
SANTA FE SPRINGS, CA
CROSS STREET: **LOS NIETOS BLVD**
COUNTY: **LOS ANGELES**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **OTHER GROUNDWATER (NOT** CASE WAS REPORTED: **1989-07-13**
CASE ENTERED INTO SYSTEM: **1990-02-09** CASE WAS REVIEWED: **1997-05-29**
CASE WAS CLOSED: **1997-04-25**
ENFORCEMENT TYPE: **NOT REPORTED**
ENFORCEMENT BEGAN: **NOT REPORTED**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD (REGION 4)**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **9 - CASE CLOSED**
LEAD AGENCY: **REGIONAL BOARD LEAD** LOCAL AGENCY: **SANTA CRUZ SANTA FE SPRINGS FIRE DEPT**
MTBE CLASSIFICATION: **NOT REPORTED**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT REQUIRED**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **0**
CASE SUMMARY: **CASE CLOSED BY RB 4/25/97 ACTIVE MACHINING FACILITY. 1 1,500 WASTE OIL TANK REMOVED. GW ENCOUNTERED @38.5' VOCs IN SOIL SUCCESSFULLY REMEDIATED. PLUME DEFINED. BTEX LOW OR ND. RESIDUAL TRPH**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **TANK CLOSURE** DATE LEAK WAS DISCOVERED: **1989-07-13**
HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED** LEAK WAS STOPPED: **1989-09-29**
CAUSE OF LEAK: **NOT REPORTED** SOURCE OF LEAK: **NOT REPORTED**
LEAK CONFIRMATION: **NOT REPORTED**
SUBSTANCE/S RELEASED: **WASTE OIL/USED OIL**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**

PRELIMINARY SITE ASSESSEMENT UNDERWAY: **1989-09-29**

REMEDIAL ACTION UNDERWAY: **1992-08-14**

POLUTION CHARACTERIZATION: **NOT REPORTED**

REMEDICATION PLAN: **1990-05-24**

VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**

CLEANUP FUND ID: **NOT REPORTED**

PRIORITY: **NOT REPORTED**

ABATEMENT METHOD: **NOT REPORTED**

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED**

WATER WELL ID#: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SAN FERNANDO VALLEY**

BENEFICIAL USE: **NOT REPORTED**

GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 8

Distance from Property: 0.35 mi. SW

FACILITY INFORMATION

GLOBAL ID: T0603703119

BUSINESS NAME: ACE INDUSTRIES

ADDRESS: 8839 PIONEER BLVD S
SANTA FE SPRINGS, CA 90670

COUNTY: LOS ANGELES

FACILITY DETAILS

CASE TYPE: LUST Cleanup Site

CASE NUMBER: I-05874

STATUS: COMPLETED - CASE CLOSED 1997-04-25 00:00:00

POTENTIAL CONTAMINATION:

WASTE OIL / MOTOR / HYDRAULIC / LUBRICATING

POTENTIAL MEDIA AFFECTED:

AQUIFER USED FOR DRINKING WATER SUPPLY

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	1950-01-01	LEAK DISCOVERY
OTHER	1950-01-01	LEAK STOPPED
OTHER	1950-01-01	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - CASE BEGIN DATE	1989-07-13
OPEN - SITE ASSESSMENT	1989-09-29
OPEN - REMEDIATION	1990-05-24
OPEN - REMEDIATION	1992-08-14
COMPLETED - CASE	1997-04-25

CONTACT DETAILS

ORGANIZATION: LOS ANGELES RWQCB (REGION 4)

ADDRESS: 320 W. 4TH ST., SUITE 200

CITY: LOS ANGELES

CONTACT NAME: YUE RONG

CONTACT TYPE: REGIONAL BOARD CASEWORKER

CONTACT PHONE: NOT REPORTED

EMAIL: YRONG@WATERBOARDS.CA.GOV

ORGANIZATION: R4 UNKNOWN

ADDRESS:

CITY: R4 UNKNOWN

CONTACT NAME: UNK

CONTACT TYPE: LOCAL AGENCY CASEWORKER

CONTACT PHONE: NOT REPORTED

EMAIL: NOT REPORTED



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GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 9

Distance from Property: 0.44 mi. NE

FACILITY INFORMATION

GLOBAL ID: **WDR100000326**

BUSINESS NAME: **76 STATION NO. 6907**

ADDRESS: **11025 EAST WASHINGTON BOULEVARD
WHITTIER, CA 90606**

COUNTY: **LOS ANGELES**

FACILITY DETAILS

CASE TYPE: *** WDR Site**

CASE NUMBER: **8841**

STATUS: **HISTORICAL - WDR 2010-03-04 00:00:00**

POTENTIAL CONTAMINATION:

NOT REPORTED

POTENTIAL MEDIA AFFECTED:

NOT REPORTED

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION: DATE: ACTION:

STATUS HISTORY

STATUS: DATE:

OPEN - CASE BEGIN DATE 2010-03-04



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GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 9

Distance from Property: 0.44 mi. NE

FACILITY INFORMATION

GLOBAL ID: **WDR100000327**

BUSINESS NAME: **76 STATION NO. 6907**

ADDRESS: **11025 EAST WASHINGTON BOULEVARD
WHITTIER, CA 90606**

COUNTY: **LOS ANGELES**

FACILITY DETAILS

CASE TYPE: *** WDR Site**

CASE NUMBER: **8841**

STATUS: **HISTORICAL - WDR 2004-12-13 00:00:00**

POTENTIAL CONTAMINATION:

NOT REPORTED

POTENTIAL MEDIA AFFECTED:

NOT REPORTED

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION: DATE: ACTION:

STATUS HISTORY

STATUS: DATE:

OPEN - CASE BEGIN DATE 2004-12-13



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GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 9

Distance from Property: 0.44 mi. NE

FACILITY INFORMATION

GLOBAL ID: **WDR100000328**

BUSINESS NAME: **76 STATION NO. 6907**

ADDRESS: **11025 EAST WASHINGTON BOULEVARD
WHITTIER, CA 90606**

COUNTY: **LOS ANGELES**

FACILITY DETAILS

CASE TYPE: *** WDR Site**

CASE NUMBER: **8841**

STATUS: **HISTORICAL - WDR 2004-12-13 00:00:00**

POTENTIAL CONTAMINATION:

NOT REPORTED

POTENTIAL MEDIA AFFECTED:

NOT REPORTED

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION: DATE: ACTION:

STATUS HISTORY

STATUS: DATE:

OPEN - CASE BEGIN DATE 2004-12-13



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CORTESE LIST (CORTESE)

MAP ID# 9

Distance from Property: 0.44 mi. NE

FACILITY INFORMATION

ID#: R-11066

NAME: 76 PRODUCTS STATION #6907

ADDRESS: 11025 WASHINGTON
WHITTIER CA



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

MAP ID# 9

Distance from Property: 0.44 mi. NE

SITE INFORMATION

ID#: **T0603705011** REGIONAL CASE #: **R-11066**

SITE NAME: **TOSCO - 76 STATION #6907**

ADDRESS: **11025 WASHINGTON BLVD E
WHITTIER, CA**

CROSS STREET: **NORWALK BLVD**

COUNTY: **LOS ANGELES**

FACILITY OPERATOR: **MANAIE, MOHAMAD**

LOCAL CASE #: **NOT REPORTED**

RESPONSIBLE PARTY: **JOHN NODENSTAM**

ADDRESS: **P.O. BOX 25376**

CASE INFORMATION

CASE TYPE: **OTHER GROUNDWATER (NOT**

CASE WAS REPORTED: **1995-12-13**

CASE ENTERED INTO SYSTEM: **1995-12-26**

CASE WAS REVIEWED: **2002-07-16**

CASE WAS CLOSED: **NOT REPORTED**

ENFORCEMENT TYPE: **SITE INSPECTION/VISIT**

ENFORCEMENT BEGAN: **2000-07-21**

FUNDING TYPE: **NOT REPORTED**

REGIONAL BOARD RESPONSIBLE FOR CASE: **LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD (REGION 4)**

PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**

INTERIM FOR THE CASE: **NOT REPORTED**

CURRENT STATUS: **7 - REMEDIAL ACTION UNDERWAY**

LEAD AGENCY: **REGIONAL BOARD LEAD**

LOCAL AGENCY: **LOS ANGELES DEPT OF PUBLIC WORKS, ENV PROGRAMS**

MTBE CLASSIFICATION: **NOT REPORTED**

MAXIMUM MTBE CONCENTRATION WAS FOUND: **2001-01-04**

MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **11,000**

MAXIMUM SOIL CONCENTRATION OF MTBE: **9.7**

NUMBER OF MTBE ANALYTICAL RESULTS: **2** MTBE TESTED: **YES**

NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**

CASE SUMMARY: **ONLY 3 WELLS ONSITE; ADDL WELLS NEEDED. ; 4/20/00 RESPONSE LTR; 7/14/00 2ND QTR GW MON RPT 2000; 10/13/00 3RD QTR GW MON RPT 2000; 10/31/00 SUPPLEMENTARY SITE ASSESSM.; 12/31/00 4TH QTR GW MON RPT 2000; 4/16/01 1ST QTR GW MO**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED**

DATE LEAK WAS DISCOVERED: **1993-11-19**

HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED**

LEAK WAS STOPPED: **NOT REPORTED**

CAUSE OF LEAK: **NOT REPORTED**

SOURCE OF LEAK: **NOT REPORTED**

LEAK CONFIRMATION: **1993-11-19**

SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**

QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **2000-03-23**

PRELIMINARY SITE ASSESSEMENT UNDERWAY: **2000-03-23**

REMEDIAL ACTION UNDERWAY: **2003-08-01**

POLUTION CHARACTERIZATION: **2002-01-14**

REMEDICATION PLAN: **2002-01-14**

VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**

CLEANUP FUND ID: **NOT REPORTED**

PRIORITY: **NOT REPORTED**

ABATEMENT METHOD: **OTHER**

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED**

WATER WELL ID#: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SAN FERNANDO VALLEY**

BENEFICIAL USE: **NOT REPORTED**

GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 9

Distance from Property: 0.44 mi. NE

FACILITY INFORMATION

GLOBAL ID: T0603705011

BUSINESS NAME: TOSCO - 76 STATION #6907

ADDRESS: 11025 WASHINGTON BLVD E
WHITTIER, CA 90606

COUNTY: LOS ANGELES

FACILITY DETAILS

CASE TYPE: LUST Cleanup Site

CASE NUMBER: R-11066

STATUS: OPEN - REMEDIATION 2003-08-01 00:00:00

POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

AQUIFER USED FOR DRINKING WATER SUPPLY

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
ENFORCEMENT	2000-03-23	13267 REQUIREMENT
ENFORCEMENT	2002-07-16	13267 REQUIREMENT
ENFORCEMENT	2002-12-23	STAFF LETTER
ENFORCEMENT	2002-06-09	SITE VISIT / INSPECTION / SAMPLING
ENFORCEMENT	2002-01-14	13267 REQUIREMENT
ENFORCEMENT	2003-04-28	STAFF LETTER
ENFORCEMENT	2003-09-25	SITE VISIT / INSPECTION / SAMPLING
ENFORCEMENT	2009-06-15	STAFF LETTER
OTHER	1950-01-01	LEAK DISCOVERY
OTHER	1950-01-01	LEAK REPORTED
RESPONSE	2009-01-15	MONITORING REPORT - QUARTERLY
RESPONSE	2009-07-15	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	2009-10-15	MONITORING REPORT - QUARTERLY
RESPONSE	2009-10-15	SITE CONCEPTUAL MODEL
RESPONSE	2008-10-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2008-10-15	MONITORING REPORT - QUARTERLY
RESPONSE	2009-07-15	INTERIM REMEDIAL ACTION PLAN
RESPONSE	2009-07-15	SITE CONCEPTUAL MODEL
RESPONSE	2009-01-15	SITE CONCEPTUAL MODEL
RESPONSE	2002-04-15	INTERIM REMEDIAL ACTION PLAN
RESPONSE	2002-04-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2002-07-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2002-10-15	OTHER REPORT / DOCUMENT



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GEOTRACKER CLEANUP SITES (CLEANUPSITES)

RESPONSE	2002-04-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2002-04-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2002-04-15	INTERIM REMEDIAL ACTION PLAN
RESPONSE	2002-04-15	SOIL AND WATER INVESTIGATION WORKPLAN
RESPONSE	2002-10-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2002-10-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2002-10-15	INTERIM REMEDIAL ACTION REPORT
RESPONSE	2002-10-15	MONITORING REPORT - QUARTERLY
RESPONSE	2003-04-15	MONITORING REPORT - QUARTERLY
RESPONSE	2003-04-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2003-01-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2003-01-15	MONITORING REPORT - QUARTERLY
RESPONSE	2003-01-10	CAP/RAP - FINAL REMEDIATION / DESIGN PLAN
RESPONSE	2003-07-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2003-07-15	MONITORING REPORT - QUARTERLY
RESPONSE	2003-07-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2004-07-15	MONITORING REPORT - QUARTERLY
RESPONSE	2003-10-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2004-01-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2004-01-15	MONITORING REPORT - QUARTERLY
RESPONSE	2004-04-15	MONITORING REPORT - QUARTERLY
RESPONSE	2004-04-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2003-10-15	MONITORING REPORT - QUARTERLY
RESPONSE	2005-07-15	MONITORING REPORT - QUARTERLY
RESPONSE	2005-07-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2004-10-15	MONITORING REPORT - QUARTERLY
RESPONSE	2004-10-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2005-01-15	MONITORING REPORT - QUARTERLY
RESPONSE	2005-01-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2004-07-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2005-04-15	MONITORING REPORT - QUARTERLY
RESPONSE	2005-04-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2005-10-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2006-01-15	MONITORING REPORT - QUARTERLY
RESPONSE	2006-01-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2007-10-15	MONITORING REPORT - QUARTERLY
RESPONSE	2007-01-15	MONITORING REPORT - QUARTERLY
RESPONSE	2007-01-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2006-04-15	MONITORING REPORT - QUARTERLY
RESPONSE	2006-04-15	SOIL AND WATER INVESTIGATION REPORT

GEOTRACKER CLEANUP SITES (CLEANUPSITES)

RESPONSE	2006-10-15	MONITORING REPORT - QUARTERLY
RESPONSE	2006-07-15	MONITORING REPORT - QUARTERLY
RESPONSE	2006-07-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2006-10-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2008-01-15	MONITORING REPORT - QUARTERLY
RESPONSE	2008-01-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2007-10-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2007-04-15	MONITORING REPORT - QUARTERLY
RESPONSE	2007-04-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2007-07-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2007-07-15	MONITORING REPORT - QUARTERLY
RESPONSE	2008-04-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2008-04-15	MONITORING REPORT - QUARTERLY
RESPONSE	2004-07-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2003-07-15	REMEDIAL PROGRESS REPORT
RESPONSE	2008-07-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2005-07-15	SOIL AND WATER INVESTIGATION REPORT
RESPONSE	2008-07-15	MONITORING REPORT - QUARTERLY
RESPONSE	2002-04-15	MONITORING REPORT - QUARTERLY
RESPONSE	2005-10-15	MONITORING REPORT - QUARTERLY
RESPONSE	2010-01-15	SITE CONCEPTUAL MODEL
RESPONSE	2010-04-15	SITE CONCEPTUAL MODEL
RESPONSE	2010-01-15	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	2010-07-15	REMEDIAL PROGRESS REPORT
RESPONSE	2010-05-26	WELL INSTALLATION WORKPLAN
RESPONSE	2010-04-15	MONITORING REPORT - QUARTERLY
RESPONSE	2010-07-15	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	2011-01-15	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	2011-01-15	SITE CONCEPTUAL MODEL
RESPONSE	2011-07-16	REMEDIAL PROGRESS REPORT
RESPONSE	2011-04-15	MONITORING REPORT - SEMI-ANNUALLY
RESPONSE	2011-04-15	SITE CONCEPTUAL MODEL
RESPONSE	2011-10-15	REMEDIAL PROGRESS REPORT
RESPONSE	2012-01-15	REMEDIAL PROGRESS REPORT
REMEDICATION	1950-01-01	SOIL VAPOR EXTRACTION (SVE)
REMEDICATION	1950-01-01	SOIL VAPOR EXTRACTION (SVE)

STATUS HISTORY

STATUS:	DATE:
OPEN - CASE BEGIN DATE	1993-11-19
OPEN - SITE ASSESSMENT	1993-11-19
OPEN - SITE ASSESSMENT	2000-03-23



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GEOTRACKER CLEANUP SITES (CLEANUPSITES)

OPEN - REMEDIATION 2002-01-14
OPEN - SITE ASSESSMENT 2002-01-14
OPEN - REMEDIATION 2003-08-01

CONTACT DETAILS

ORGANIZATION: LOS ANGELES RWQCB (REGION 4)
ADDRESS: 320 WEST 4TH STREET, SUITE 200
CITY: LOS ANGELES
CONTACT NAME: NOMAN CHOWDHURY
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: NCHOWDHURY@WATERBOARDS.CA.GOV

ORGANIZATION: LOS ANGELES COUNTY
ADDRESS: 900 S FREMONT AVE
CITY: ALHAMBRA
CONTACT NAME: JOHN AWUJO
CONTACT TYPE: LOCAL AGENCY CASEWORKER
CONTACT PHONE: 6264583507
EMAIL: JAWUJO@DPW.LACOUNTY.GOV

WASTE MANAGEMENT UNIT DATABASE (WMUDS)

MAP ID# 10

Distance from Property: 0.45 mi. SW

FACILITY INFORMATION

FACILITY#: 4 190316NUR

NAME: LOS NIETOS AND SAN GABRIEL RIV

CONTACT: NOT REPORTED

ADDRESS: LOS NIETOS @ SAN GABRIEL RIVER
SANTA FE SPRINGS, CA

TYPE: LANDFILL

STATUS: CEASE DISCHARGE

STATUS DATE: NOT REPORTED

WASTE TYPE: NOT REPORTED

COMMENTS: NOT REPORTED

FORMATION INFORMATION

NAME UNKNOWN

TYPE: UNKNOWN

PERMIABILITY: UNKNOWN

GROUNDWATER DEPTH: NOT REPORTED

COMMENTS: NOT REPORTED

PERMIABILITY: UNKNOWN

GROUNDWATER DEPTH: NOT REPORTED

COMMENTS: NOT REPORTED

CORTESE LIST (CORTESE)

MAP ID# 11 Distance from Property: 0.47 mi. E

FACILITY INFORMATION

ID#: I-10084
NAME: 7-11 #20677
ADDRESS: 8244 NORWALK
WHITTIER CA



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

MAP ID# 11

Distance from Property: 0.47 mi. E

SITE INFORMATION

ID#: **T0603703572** REGIONAL CASE #: **I-10084** LOCAL CASE #: **NOT REPORTED**
SITE NAME: **7-11 #20677** RESPONSIBLE PARTY: **SOUTHLAND CORP**
ADDRESS: **8244 NORWALK BLVD** ADDRESS: **5820 STONERIDGE MALL RD, #310, PLEASANTON,**
WHITTIER, CA
CROSS STREET: **BROADWAY**
COUNTY: **LOS ANGELES**
FACILITY OPERATOR: **NOT REPORTED**

CASE INFORMATION

CASE TYPE: **SOIL IMPACTED** CASE WAS REPORTED: **1992-06-30**
CASE ENTERED INTO SYSTEM: **1992-08-20** CASE WAS REVIEWED: **1996-08-22**
CASE WAS CLOSED: **1996-07-23**
ENFORCEMENT TYPE: **NOT REPORTED**
ENFORCEMENT BEGAN: **NOT REPORTED**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD (REGION 4)**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **9 - CASE CLOSED**
LEAD AGENCY: **REGIONAL BOARD LEAD** LOCAL AGENCY: **LOS ANGELES DEPT OF PUBLIC WORKS, ENV PROGRAMS**
MTBE CLASSIFICATION: **NOT REPORTED**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT TESTED**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **NOT REPORTED**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **TANK CLOSURE** DATE LEAK WAS DISCOVERED: **1992-06-03**
HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED** LEAK WAS STOPPED: **1992-06-03**
CAUSE OF LEAK: **NOT REPORTED** SOURCE OF LEAK: **NOT REPORTED**
LEAK CONFIRMATION: **NOT REPORTED**
SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**

PRELIMINARY SITE ASSESSEMENT UNDERWAY: **NOT REPORTED**

REMEDIAL ACTION UNDERWAY: **NOT REPORTED** POLLUTION CHARACTERIZATION: **1992-06-30**

REMEDICATION PLAN: **NOT REPORTED** VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**

CLEANUP FUND ID: **NOT REPORTED** PRIORITY: **NOT REPORTED**

ABATEMENT METHOD: **NOT REPORTED**

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED** WATER WELL ID#: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: **0**

GROUNDWATER BASIN: **SAN FERNANDO VALLEY**

BENEFICIAL USE: **NOT REPORTED**

GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 11

Distance from Property: 0.47 mi. E

FACILITY INFORMATION

GLOBAL ID: T0603703572

BUSINESS NAME: 7-11 #20677

ADDRESS: 8244 NORWALK BLVD
WHITTIER, CA 90606

COUNTY: LOS ANGELES

FACILITY DETAILS

CASE TYPE: LUST Cleanup Site

CASE NUMBER: I-10084

STATUS: COMPLETED - CASE CLOSED 1996-07-23 00:00:00

POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

SOIL

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	1950-01-01	LEAK DISCOVERY
OTHER	1950-01-01	LEAK STOPPED
OTHER	1950-01-01	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - CASE BEGIN DATE	1992-06-03
OPEN - SITE ASSESSMENT	1992-06-30
COMPLETED - CASE	1996-07-23

CONTACT DETAILS

ORGANIZATION: LOS ANGELES RWQCB (REGION 4)

ADDRESS: 320 W. 4TH ST., SUITE 200

CITY: LOS ANGELES

CONTACT NAME: YUE RONG

CONTACT TYPE: REGIONAL BOARD CASEWORKER

CONTACT PHONE: NOT REPORTED

EMAIL: YRONG@WATERBOARDS.CA.GOV

ORGANIZATION: LOS ANGELES COUNTY

ADDRESS: 900 S FREMONT AVE

CITY: ALHAMBRA

CONTACT NAME: JOHN AWUJO

CONTACT TYPE: LOCAL AGENCY CASEWORKER

CONTACT PHONE: 6264583507

EMAIL: JAWUJO@DPW.LACOUNTY.GOV



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CORTESE LIST (CORTESE)

MAP ID# 12 Distance from Property: 0.49 mi. E

FACILITY INFORMATION

ID#: R-11178
NAME: CIRCLE K LIC DEPT #3064
ADDRESS: 11462 SLAUSON
WHITTIER CA



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LEAKING UNDERGROUND STORAGE TANKS (LUST)

MAP ID# 12 Distance from Property: 0.49 mi. E

SITE INFORMATION

ID#: **T0603705030** REGIONAL CASE #: **R-11178** LOCAL CASE #: **NOT REPORTED**
SITE NAME: **CIRCLE K LIC DEPT #3064** RESPONSIBLE PARTY: **CIRCLE K CORPORATION**
ADDRESS: **11462 SLAUSON AVE E** ADDRESS: **5811 MANZANITA AVENUE, CARMICHAEL, CA 95608**
SANTA FE SPRINGS, CA
COUNTY: **LOS ANGELES**
FACILITY OPERATOR: **WRIGHT, PAT**

CASE INFORMATION

CASE TYPE: **SOIL IMPACTED** CASE WAS REPORTED: **1986-06-24**
CASE ENTERED INTO SYSTEM: **1986-12-31** CASE WAS REVIEWED: **1987-08-25**
CASE WAS CLOSED: **1988-07-06**
ENFORCEMENT TYPE: **NOT REPORTED**
ENFORCEMENT BEGAN: **NOT REPORTED**
FUNDING TYPE: **NOT REPORTED**
REGIONAL BOARD RESPONSIBLE FOR CASE: **LOS ANGELES REGIONAL WATER QUALITY CONTROL BOARD (REGION 4)**
PROGRAM FOR THE CASE: **LUST - LEAKING UNDERGROUND STORAGE TANK PROGRAM**
INTERIM FOR THE CASE: **NOT REPORTED**
CURRENT STATUS: **9 - CASE CLOSED**
LEAD AGENCY: **LOCAL AGENCY LEAD** LOCAL AGENCY: **LOS ANGELES DEPT OF PUBLIC WORKS, ENV PROGRAMS**
MTBE CLASSIFICATION: **NOT REPORTED**
MAXIMUM MTBE CONCENTRATION WAS FOUND: **NOT REPORTED**
MAXIMUM GROUNDWATER CONCENTRATION OF MTBE: **NOT REPORTED**
MAXIMUM SOIL CONCENTRATION OF MTBE: **NOT REPORTED**
NUMBER OF MTBE ANALYTICAL RESULTS: **0** MTBE TESTED: **NOT TESTED**
NUMBER OF GASOLINE ANALYTICAL RESULTS: **1**
CASE SUMMARY: **NOT REPORTED**

LEAKING TANK INFORMATION

HOW THE CASE/LEAK WAS DISCOVERED: **NOT REPORTED** DATE LEAK WAS DISCOVERED: **NOT REPORTED**
HOW THE CASE/LEAK WAS STOPPED: **NOT REPORTED** LEAK WAS STOPPED: **NOT REPORTED**
CAUSE OF LEAK: **NOT REPORTED** SOURCE OF LEAK: **NOT REPORTED**
LEAK CONFIRMATION: **1986-06-24**
SUBSTANCE/S RELEASED: **GASOLINE - AUTOMOTIVE**
QUANTITY OF SUBSTANCE RELEASED: **NOT REPORTED**

LEAKING UNDERGROUND STORAGE TANKS (LUST)

SITE ASSESSMENT AND REMEDIAL ACTION INFORMATION

PRELIMINARY SITE ASSESSEMENT WORKPLAN SUBMITTED: **NOT REPORTED**

PRELIMINARY SITE ASSESSEMENT UNDERWAY: **NOT REPORTED**

REMEDIAL ACTION UNDERWAY: **NOT REPORTED**

POLUTION CHARACTERIZATION: **NOT REPORTED**

REMEDATION PLAN: **NOT REPORTED**

VERIFICATION MONITORING UNDERWAY: **NOT REPORTED**

CLEANUP FUND ID: **NOT REPORTED**

PRIORITY: **NOT REPORTED**

ABATEMENT METHOD: **NOT REPORTED**

ADDITIONAL INFORMATION

WATER SYSTEM ID #: **NOT REPORTED**

WATER WELL ID#: **NOT REPORTED**

WATER SYSTEM FOR THE NEAREST PUBLIC DRINKING WATER WELL: **NOT REPORTED**

WELL NAME FOR THE NEAREST DRINKING WATER WELL: **NOT REPORTED**

DISTANCE TO NEAREST DRINKING WATER WELL: 0

GROUNDWATER BASIN: **SAN FERNANDO VALLEY**

BENEFICIAL USE: **NOT REPORTED**

GEOTRACKER CLEANUP SITES (CLEANUPSITES)

MAP ID# 12 Distance from Property: 0.49 mi. E

FACILITY INFORMATION

GLOBAL ID: T0603705030
BUSINESS NAME: CIRCLE K LIC DEPT #3064
ADDRESS: 11462 SLAUSON AVE E
SANTA FE SPRINGS, CA 90670
COUNTY: LOS ANGELES

FACILITY DETAILS

CASE TYPE: LUST Cleanup Site
CASE NUMBER: R-11178
STATUS: COMPLETED - CASE CLOSED 1988-07-06 00:00:00
POTENTIAL CONTAMINATION:

GASOLINE

POTENTIAL MEDIA AFFECTED:

SOIL

SITE HISTORY:

NOT REPORTED

REGULATORY ACTIVITIES

TYPE OF ACTION:	DATE:	ACTION:
OTHER	1950-01-01	LEAK REPORTED

STATUS HISTORY

STATUS:	DATE:
OPEN - CASE BEGIN DATE	1986-06-24
OPEN - SITE ASSESSMENT	1986-06-24
COMPLETED - CASE	1988-07-06

CONTACT DETAILS

ORGANIZATION: LOS ANGELES COUNTY
ADDRESS: 900 S FREMONT AVE
CITY: ALHAMBRA
CONTACT NAME: JOHN AWUJO
CONTACT TYPE: LOCAL AGENCY CASEWORKER
CONTACT PHONE: 6264583507
EMAIL: JAWUJO@DPW.LACOUNTY.GOV
ORGANIZATION: LOS ANGELES RWQCB (REGION 4)
ADDRESS: 320 W. 4TH ST., SUITE 200
CITY: LOS ANGELES
CONTACT NAME: YUE RONG
CONTACT TYPE: REGIONAL BOARD CASEWORKER
CONTACT PHONE: NOT REPORTED
EMAIL: YRONG@WATERBOARDS.CA.GOV



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RECYCLING CENTERS (SWRCY)

MAP ID# 13

Distance from Property: 0.49 mi. NE

SITE INFORMATION

ID#: **RC155714.0**

NAME: **REPLANET LLC**

ADDRESS: **7810 NORWALK BLVD**

CITY: **WHITTIER**

STATE: **CA**

ZIP: **90606**

COUNTY: **LOS ANGELES**

SITE DETAILS

CERTIFICATION STATUS: **NOT REPORTED**

CERTIFICATION DATE: **05/01/2012**

OPERATIONAL DATE: **NEVER OPERATIONAL**

CEASED DATE: **STILL OPERATING**

FACILITY PHONE: **(877) 737-5263**



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RECYCLING CENTERS (SWRCY)

MAP ID# 13

Distance from Property: 0.49 mi. NE

SITE INFORMATION

ID#: **RC9835**

NAME: **TOMRA PACIFIC INC**

ADDRESS: **7810 NORWALK BLVD**

CITY: **WHITTIER**

STATE: **CA**

ZIP: **90606**

COUNTY: **LOS ANGELES**

SITE DETAILS

CERTIFICATION STATUS: **NOT REPORTED**

CERTIFICATION DATE: **05/01/1999**

OPERATIONAL DATE: **NEVER OPERATIONAL**

CEASED DATE: **STILL OPERATING**

FACILITY PHONE: **(951) 520-1700**



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CALSITES DATABASE (CALSITES)

MAP ID# 14

Distance from Property: 0.60 mi. S

FACILITY INFORMATION

ID#: 19281186

NAME: ALLPURE CHEMICAL COMPANY

ADDRESS: 11600 PIKE STREET

SANTA FE SPRINGS, CA

STATUS (DATE): PROPERTY/SITE REFERRED TO ANOTHER AGENCY (03/03/1984)

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

MANU - CHEMICALS & ALLIED PRODUCTS

ACCESS TO SITE: NOT REPORTED

GROUNDWATER CONTAMINATION: NOT REPORTED

COMMENTS

FACILITY IDENTIFIED ID FROM ERRIS SOURCE ACT: MFG & DISTRBT OF ORG & INORG CHEM. YR OF OPER: 1978 TO PRESENT
WASTE: SODIUM HYDROCHLORID. IN 1982 GENERATED 48.6 TONS OF HAZ WASTE. SUBMIT TO EPA VIOLATION DETECTED
INCIDENT: CHLORINE GAS LEAK (CITY FD) PRELIM ASSESS DONE RCRA 3012 SITE VISIT CONDUCTED IN JANUARY, 1994.
ACCORDING TO PLANT MANAGER, MCKESSON SOLD THE SITE TO ALLPURE CHEMICAL COMPANY IN 1986. ALLPURE REPACKS
CHLORINE UNDER COUNTY HAZMAT REGULATIONS. NO SIGN OF HAZARDOUS WASTE RELEASE AT TIME OF VISIT. DATABASE
VALIDATION PROJECT CONFIRMS NFA FOR DTSC.

ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 14

Distance from Property: 0.60 mi. S

SITE INFORMATION

ID#: 19281186 ASSESSOR'S PARCEL #: 8002013013

NAME: ALLPURE CHEMICAL COMPANY

ADDRESS: 11600 PIKE STREET

SANTA FE SPRINGS, CA 90670

COUNTY: LOS ANGELES

SITE SIZE (ACRES): NOT REPORTED

LEAD AGENCY: NONE SPECIFIED

DTSC PROJECT MANAGER: NOT REPORTED

DTSC SUPERVISOR: * MMONROY

DTSC DIVISION BRANCH: CLEANUP CHATSWORTH

NPL LISTED: NO RESTRICTED LAND USE: NO

SITE TYPE: HISTORICAL

SITE TYPE DESCRIPTION

HISTORICAL: IDENTIFIES SITES FROM AN OLDER DATABASE WHERE NO SITE TYPE WAS IDENTIFIED. MOST OF THESE SITES HAVE A STATUS OF REFERRED OR NO FURTHER ACTION. DTSC IS WORKING TO CLEAN UP THIS DATA BY IDENTIFYING AN APPROPRIATE SITE TYPE FOR EACH "HISTORIC" SITE.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 3/1/1984 0)

REFER: OTHER AGENCY --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 15 Distance from Property: 0.78 mi. E

SITE INFORMATION

ID#: **71002824** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

NAME: **AEROSPACE RIVET MFG. CORP.**

ADDRESS: **8535 DICE ROAD**

SANTA FE SPRINGS, CA 90670

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **NOT REPORTED**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: **NOT REPORTED**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **TIERED PERMIT**

SITE TYPE DESCRIPTION

NOT REPORTED

DTSC's CURRENT INVOLVEMENT AT SITE (as of _____)

REFER: OTHER AGENCY --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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CALSITES DATABASE (CALSITES)

MAP ID# 15

Distance from Property: 0.78 mi. E

FACILITY INFORMATION

ID#: 19340772

NAME: AEROSPACE RIVET

ADDRESS: 8535 DICE ROAD

SANTA FE SPRINGS, CA

STATUS (DATE): NO FURTHER ACTION FOR DTSC (03/03/1997)

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

MANU - FABRICATED METAL PRODUCTS

ACCESS TO SITE: NOT REPORTED

GROUNDWATER CONTAMINATION: NOT REPORTED

COMMENTS

DTSC AND THE PROPERTY OWNERS EXECUTED A VOLUNTARY CLEANUP AGREEMENT FOR A PRELIMINARY ENDANGERMENT ASSESSMENT FOR THE SITE. DELAY IN COMPLETION DATE RESULT OF FAILURE OF TOXICOLOGY GROUP AT HQ TO MEET REQUESTED TURN AROUND TIME. TECHNICAL CONSULTATION REQUEST, SPECIFYING TWO WEEK TURN AROUND SENT TO HQ ON 4/6/97. DID NOT RECEIVE MEMO FROM HQ UNTIL MAY 30, 1997. DTSC REVIEWED AND CONCURRED WITH NO FURTHER ACTION (NFA).

BACKGROUND

FIRST DEVELOPMENT OF THE SITE WAS IN 1967, WITH THE CONSTRUCTION OF A 31,118 SQ.FT. OFFICE AND WAREHOUSE BUILDING. AEROSPACE RIVET HAS BEEN THE ONLY TENANT. AEROSPACE RIVET MANUFACTURES FASTENERS FOR THE AEROSPACE INDUSTRY, USING HEAVY PRESSES, DEBURRING MACHIN AND PLATING PROCESSES. THERE IS AN ON-SITE, ABOVE GROUND WASTE WATER TREATMENT SYSTEM.

PHASE I AND II ASSESSMENT HAVE BEEN CONDUCTED. SOLVENTS WERE FOUND IN THE SOIL AND CERTAIN REMEDIATION ACTIVITIES CONDUCTED.

ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 15 Distance from Property: 0.78 mi. E

SITE INFORMATION

ID#: **19340772** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

NAME: **AEROSPACE RIVET**

ADDRESS: **8535 DICE ROAD**

SANTA FE SPRINGS, CA 90670

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **0.71**

LEAD AGENCY: **SMBRP**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: **ROBERT SENGA**

DTSC DIVISION BRANCH: **CLEANUP CYPRESS**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **VOLUNTARY CLEANUP**

SITE TYPE DESCRIPTION

VOLUNTARY CLEANUP: IDENTIFIES SITES WITH EITHER CONFIRMED OR UNCONFIRMED RELEASES, AND THE PROJECT PROPONENTS HAVE REQUESTED THAT DTSC OVERSEE EVALUATION, INVESTIGATION, AND/OR CLEANUP ACTIVITIES AND HAVE AGREED TO PROVIDE COVERAGE FOR DTSC'S COSTS.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 7/18/2012)

NO FURTHER ACTION --

PAST USE/S THAT CAUSED THE CONTAMINATION

MACHINE SHOP, MANUFACTURING - OTHER, METAL FINISHING, METAL PLATING - OTHER

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 16 Distance from Property: 0.81 mi. E

SITE INFORMATION

ID#: **71002143** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

NAME: **MID-WEST FABRICATING CO., INC.**

ADDRESS: **8623 DICE ROAD**

SANTA FE SPRINGS, CA 90670

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **NOT REPORTED**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: **NOT REPORTED**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **TIERED PERMIT**

SITE TYPE DESCRIPTION

NOT REPORTED

DTSC's CURRENT INVOLVEMENT AT SITE (as of _____)

REFER: OTHER AGENCY --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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CALSITES DATABASE (CALSITES)

MAP ID# 16 Distance from Property: 0.81 mi. E

FACILITY INFORMATION

ID#: 19340439

NAME: WEST BENT BOLT

ADDRESS: 8623 SOUTH DICE ROAD
SANTA FE SPRINGS, CA

STATUS (DATE): PROPERTY/SITE REFERRED TO ANOTHER AGENCY (08/08/1995)

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

MANU - FABRICATED METAL PRODUCTS

ACCESS TO SITE: CONTROLLED

GROUNDWATER CONTAMINATION: NOT REPORTED

COMMENTS

INSPECTION(LOCAL) CO ENGR. CYANIDE TANK BEING REPAIRED. INSPECTION(LOCAL) CO ENGR. C-U RESIDUAL CYANIDE IN THE ST & GUTTER. INSPECTION(LOCAL) CO ENGR. REINSP. NO EVIDENCE OF CYANIDE IN THE STREET. FACILITY DRIVE-BY ASP. WASTES FLOWING ALONG W OF FENCE TO CULVERT/RR TRACKS/TO POND IN THE OTHER SIDE. FACILITY IDENTIFIED FAC ID-FIELD CHECK INSPECTION(LOCAL) CO ENGR INSP. VIOLATION DETECTED CO ENGR. ISSUED NOV FOR DISCH OIL TO GROUND INSPECTION(LOCAL) CO ENGR. OIL SOAKED SOIL HAS BEEN HAULED NO HAULER'S RECEIPT FORM. OPNS 1961 TO PRESENT LACE-VIO FOR DISCH TO GROUND,ORDERED C-U 3/76 DESERTED SUMP ON N SIDE OF LOT. FACILITY DRIVE-BY ASP. 2-3FT WIDE DITCH W/ OILY LIQ,SLUDGE WHITISH GRAY POWDER. POND STORM RUNOFF & RUNOFF & SOLID WASTE DEBRIS. CULVERT ALONG W FENCE FILLED W/BLACK SUBSTANCES. FINAL STRATEGY SITE REFERRED: TO HWMB ENF YR OF OPER: T/C W/J.RUPPERT, WEST BENT, 213-698-9615, 7/27/84 - 1964 TO PRESENT SUMP TO 1976. WASTE: TO BKK, KETTLEMAN SOURCE ACT: CO ENGR IW SURVEY 5867 -METAL WORKING,MFG OF HEAVY WIRE U/I BOLT & METAL PICKLING. INCIDENT: 2/1/78 30 GAL CYANIDE SPILL. 2/15/74 30-40GAL CYANIDE SPIL. NEUTRALZD W/ SODIUM HYDROCHLORIDE & REMOVED. ENF HISTORY: 6/1/81 CEASE & DESIST DISCH MATLS TO GROUND REMOVE WASTE. 10/14/75 IW INTERCEPTORS REQ TO BE C-U BY10/21/75 (CO ENGR) SUBMIT TO EPA INSPECTION(FED) EPA FIT INSP E&E NO C(85)C335. CO HLTH IS NOW LEAD FOR THE AREA.SUMP PROB STILL EXIST. AREA IS PAVED. OWNER CLAIMS SOIL WAS EXCAVATED REPORTED FOR PROP65 ON CORTESE LIST DHS RCVD FIT SSI (REASSESSMENT)-EPA RECOMMENDS NFA 9/19/90. NFA FOR DTSC DUE TO COUNTY INVOLVEMENT. SITE REFERRED TO COUNTY.

ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 16 Distance from Property: 0.81 mi. E

SITE INFORMATION

ID#: **19340439** ASSESSOR'S PARCEL #: **8169027046**

NAME: **WEST BENT BOLT**

ADDRESS: **8623 SOUTH DICE ROAD**
SANTA FE SPRINGS, CA 90670

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **NOT REPORTED**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: * **MMONROY**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **HISTORICAL**

SITE TYPE DESCRIPTION

HISTORICAL: IDENTIFIES SITES FROM AN OLDER DATABASE WHERE NO SITE TYPE WAS IDENTIFIED. MOST OF THESE SITES HAVE A STATUS OF REFERRED OR NO FURTHER ACTION. DTSC IS WORKING TO CLEAN UP THIS DATA BY IDENTIFYING AN APPROPRIATE SITE TYPE FOR EACH "HISTORIC" SITE.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 8/15/1995)

REFER: OTHER AGENCY --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 17

Distance from Property: 0.84 mi. SE

SITE INFORMATION

ID#: 19280516 ASSESSOR'S PARCEL #: 8168001022

NAME: SOUTHERN CALIFORNIA CHEMICAL COMPANY

ADDRESS: 8851 DICE ROAD

SANTA FE SPRINGS, CA 90670

COUNTY: LOS ANGELES

SITE SIZE (ACRES): NOT REPORTED

LEAD AGENCY: NONE SPECIFIED

DTSC PROJECT MANAGER: NOT REPORTED

DTSC SUPERVISOR: REFERRED - NOT ASSIGNED

DTSC DIVISION BRANCH: CLEANUP CHATSWORTH

NPL LISTED: NO RESTRICTED LAND USE: NO

SITE TYPE: HISTORICAL

SITE TYPE DESCRIPTION

HISTORICAL: IDENTIFIES SITES FROM AN OLDER DATABASE WHERE NO SITE TYPE WAS IDENTIFIED. MOST OF THESE SITES HAVE A STATUS OF REFERRED OR NO FURTHER ACTION. DTSC IS WORKING TO CLEAN UP THIS DATA BY IDENTIFYING AN APPROPRIATE SITE TYPE FOR EACH "HISTORIC" SITE.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 4/14/1989)

REFER: RCRA --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES (ENVIROSTORPCA)

MAP ID# 17

Distance from Property: 0.84 mi. SE

SITE INFORMATION

EPA ID: CAD008488025

NAME: PHIBRO-TECH INC

ADDRESS: 8851 DICE RD

SANTA FE SPRINGS, CA 906702515

COUNTY: LOS ANGELES

PROJECT MANAGER: LIANG CHIANG

DTSC PROJECT TRACKING CODE:300142

FACILITY TYPE: PERMITTED - OPERATING

STATUS: OPERATING PERMIT

HAZARDOUS WASTE UNITS UNDERGOING CLOSURE - NO INFORMATION REPORTED -

HAZARDOUS WASTE UNITS COMPLETED ACTIVITIES

DATE: 08/08/2011

UNIT: NOT REPORTED

EVENT DESCRIPTION: RENEWAL - WITH CHANGES - PUBLIC COMMENT (PUBLIC HEARING)

FACILITY TYPE: PERMITTED - OPERATING

DATE: 10/07/2008

UNIT: NOT REPORTED

EVENT DESCRIPTION: RENEWAL - WITH CHANGES - 3RD NOTICE OF DEFICIENCY ISSUED

FACILITY TYPE: PERMITTED - OPERATING

DATE: 03/29/1995

UNIT: NOT REPORTED

EVENT DESCRIPTION: RENEWAL - WITH CHANGES - CALL-IN LETTER ISSUED

FACILITY TYPE: PERMITTED - OPERATING

DATE: 11/29/1990

UNIT: C-1A (GPRA UNIT), C-1B (GPRA UNIT), C-1C (GPRA UNIT), C-1D (GPRA UNIT), C-5 (GPRA UNIT), C-6 (GPRA UNIT), C-7 (GPRA UNIT), C-8 (GPRA UNIT), C-9 (GPRA UNIT), CONTAIN1 (GPRA UNIT), F-1-TANKSTR (GPRA UNIT), F-12 TANKSTR (GPRA UNIT), F-2-TANKTRT (GPRA UNIT), F-2A-TANTRT (GPRA UNIT), J-2 (GPRA UNIT), J-3 (GPRA UNIT), J-4 (GPRA UNIT), J-5 (GPRA UNIT), J-6 (GPRA UNIT), S-1A (GPRA UNIT), S-1B (GPRA UNIT), S-5 (GPRA UNIT), S-6 (GPRA UNIT)

EVENT DESCRIPTION: NEW OPERATING PERMIT - PUBLIC COMMENT (PUBLIC HEARING)

FACILITY TYPE: PERMITTED - OPERATING

DATE: 01/29/1996

UNIT: NOT REPORTED

EVENT DESCRIPTION: RENEWAL - WITH CHANGES - APPLICATION PART B RECEIVED

FACILITY TYPE: PERMITTED - OPERATING

DATE: 03/23/2010

UNIT: NOT REPORTED

EVENT DESCRIPTION: RENEWAL - WITH CHANGES - TECHNICAL COMPLETE LETTER

FACILITY TYPE: PERMITTED - OPERATING

DATE: 07/29/1991

UNIT: C-1A (GPRA UNIT), C-1B (GPRA UNIT), C-1C (GPRA UNIT), C-1D (GPRA UNIT), C-5 (GPRA UNIT), C-6 (GPRA UNIT), C-7 (GPRA UNIT), C-8 (GPRA UNIT), C-9 (GPRA UNIT), CONTAIN1 (GPRA UNIT), F-1-TANKSTR (GPRA UNIT), F-12 TANKSTR (GPRA UNIT), F-2-TANKTRT (GPRA UNIT), F-2A-TANTRT (GPRA UNIT), J-2 (GPRA UNIT), J-3 (GPRA UNIT), J-4 (GPRA UNIT), J-5 (GPRA UNIT), J-6 (GPRA UNIT), S-1A (GPRA UNIT), S-1B (GPRA UNIT), S-5 (GPRA UNIT), S-6



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ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES (ENVIROSTORPCA)

(GPRA UNIT)

EVENT DESCRIPTION: **NEW OPERATING PERMIT - FINAL PERMIT (EFFECTIVE)**

FACILITY TYPE: **PERMITTED - OPERATING**

DATE: **11/14/2007**

UNIT: **NOT REPORTED**

EVENT DESCRIPTION: **MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION**

FACILITY TYPE: **PERMITTED - OPERATING**

DATE: **11/08/2006**

UNIT: **NOT REPORTED**

EVENT DESCRIPTION: **RENEWAL - WITH CHANGES - RESPONSE TO 1ST NOD RECEIVED**

FACILITY TYPE: **PERMITTED - OPERATING**

DATE: **02/20/1990**

UNIT: **C-1A (GPRA UNIT), C-1B (GPRA UNIT), C-1C (GPRA UNIT), C-1D (GPRA UNIT), C-5 (GPRA UNIT), C-6 (GPRA UNIT), C-7 (GPRA UNIT), C-8 (GPRA UNIT), C-9 (GPRA UNIT), CONTAIN1 (GPRA UNIT), F-1-TANKSTR (GPRA UNIT), F-12 TANKSTR (GPRA UNIT), F-2-TANKTRT (GPRA UNIT), F-2A-TANTRT (GPRA UNIT), J-2 (GPRA UNIT), J-3 (GPRA UNIT), J-4 (GPRA UNIT), J-5 (GPRA UNIT), J-6 (GPRA UNIT), S-1A (GPRA UNIT), S-1B (GPRA UNIT), S-5 (GPRA UNIT), S-6 (GPRA UNIT)**

EVENT DESCRIPTION: **NEW OPERATING PERMIT - 1ST NOTICE OF DEFICIENCY ISSUED**

FACILITY TYPE: **PERMITTED - OPERATING**

DATE: **03/23/2010**

UNIT: **NOT REPORTED**

EVENT DESCRIPTION: **RENEWAL - WITH CHANGES - FINAL PART A & PART B RECEIVED**

FACILITY TYPE: **PERMITTED - OPERATING**

DATE: **07/29/1991**

UNIT: **C-1A (GPRA UNIT), C-1B (GPRA UNIT), C-1C (GPRA UNIT), C-1D (GPRA UNIT), C-5 (GPRA UNIT), C-6 (GPRA UNIT), C-7 (GPRA UNIT), C-8 (GPRA UNIT), C-9 (GPRA UNIT), CONTAIN1 (GPRA UNIT), F-1-TANKSTR (GPRA UNIT), F-12 TANKSTR (GPRA UNIT), F-2-TANKTRT (GPRA UNIT), F-2A-TANTRT (GPRA UNIT), J-2 (GPRA UNIT), J-3 (GPRA UNIT), J-4 (GPRA UNIT), J-5 (GPRA UNIT), J-6 (GPRA UNIT), S-1A (GPRA UNIT), S-1B (GPRA UNIT), S-5 (GPRA UNIT), S-6 (GPRA UNIT)**

EVENT DESCRIPTION: **NEW OPERATING PERMIT - FINAL PERMIT**

FACILITY TYPE: **PERMITTED - OPERATING**

DATE: **05/04/1990**

UNIT: **C-1A (GPRA UNIT), C-1B (GPRA UNIT), C-1C (GPRA UNIT), C-1D (GPRA UNIT), C-5 (GPRA UNIT), C-6 (GPRA UNIT), C-7 (GPRA UNIT), C-8 (GPRA UNIT), C-9 (GPRA UNIT), CONTAIN1 (GPRA UNIT), F-1-TANKSTR (GPRA UNIT), F-12 TANKSTR (GPRA UNIT), F-2-TANKTRT (GPRA UNIT), F-2A-TANTRT (GPRA UNIT), J-2 (GPRA UNIT), J-3 (GPRA UNIT), J-4 (GPRA UNIT), J-5 (GPRA UNIT), J-6 (GPRA UNIT), S-1A (GPRA UNIT), S-1B (GPRA UNIT), S-5 (GPRA UNIT), S-6 (GPRA UNIT)**

EVENT DESCRIPTION: **NEW OPERATING PERMIT - RESPONSE TO 1ST NOD RECEIVED**

FACILITY TYPE: **PERMITTED - OPERATING**

DATE: **11/08/1988**

UNIT: **C-1A (GPRA UNIT), C-1B (GPRA UNIT), C-1C (GPRA UNIT), C-1D (GPRA UNIT), C-5 (GPRA UNIT), C-6 (GPRA UNIT), C-7 (GPRA UNIT), C-8 (GPRA UNIT), C-9 (GPRA UNIT), CONTAIN1 (GPRA UNIT), F-1-TANKSTR (GPRA UNIT), F-12 TANKSTR (GPRA UNIT), F-2-TANKTRT (GPRA UNIT), F-2A-TANTRT (GPRA UNIT), J-2 (GPRA UNIT), J-3 (GPRA UNIT), J-4 (GPRA UNIT), J-5 (GPRA UNIT), J-6 (GPRA UNIT), S-1A (GPRA UNIT), S-1B (GPRA UNIT), S-5 (GPRA UNIT), S-6 (GPRA UNIT)**

EVENT DESCRIPTION: **NEW OPERATING PERMIT - APPLICATION PART B RECEIVED**

FACILITY TYPE: **PERMITTED - OPERATING**



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ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES (ENVIROSTORPCA)

DATE: 10/30/1990

UNIT: C-1A (GPRA UNIT), C-1B (GPRA UNIT), C-1C (GPRA UNIT), C-1D (GPRA UNIT), C-5 (GPRA UNIT), C-6 (GPRA UNIT), C-7 (GPRA UNIT), C-8 (GPRA UNIT), C-9 (GPRA UNIT), CONTAIN1 (GPRA UNIT), F-1-TANKSTR (GPRA UNIT), F-12 TANKSTR (GPRA UNIT), F-2-TANKTRT (GPRA UNIT), F-2A-TANTRT (GPRA UNIT), J-2 (GPRA UNIT), J-3 (GPRA UNIT), J-4 (GPRA UNIT), J-5 (GPRA UNIT), J-6 (GPRA UNIT), S-1A (GPRA UNIT), S-1B (GPRA UNIT), S-5 (GPRA UNIT), S-6 (GPRA UNIT)

EVENT DESCRIPTION: NEW OPERATING PERMIT - PUBLIC COMMENT (BEGIN)

FACILITY TYPE: PERMITTED - OPERATING

DATE: 01/18/2008

UNIT: NOT REPORTED

EVENT DESCRIPTION: RENEWAL - WITH CHANGES - RESPONSE TO 2ND NOD RECEIVED

FACILITY TYPE: PERMITTED - OPERATING

DATE: 09/08/2006

UNIT: NOT REPORTED

EVENT DESCRIPTION: RENEWAL - WITH CHANGES - 1ST NOTICE OF DEFICIENCY ISSUED

FACILITY TYPE: PERMITTED - OPERATING

DATE: 04/26/2007

UNIT: NOT REPORTED

EVENT DESCRIPTION: RENEWAL - WITH CHANGES - 2ND NOTICE OF DEFICIENCY ISSUED

FACILITY TYPE: PERMITTED - OPERATING

DATE: 07/29/1996

UNIT: C-1A (GPRA UNIT), C-1B (GPRA UNIT), C-1C (GPRA UNIT), C-1D (GPRA UNIT), C-5 (GPRA UNIT), C-6 (GPRA UNIT), C-7 (GPRA UNIT), C-8 (GPRA UNIT), C-9 (GPRA UNIT), CONTAIN1 (GPRA UNIT), F-1-TANKSTR (GPRA UNIT), F-12 TANKSTR (GPRA UNIT), F-2-TANKTRT (GPRA UNIT), F-2A-TANTRT (GPRA UNIT), J-2 (GPRA UNIT), J-3 (GPRA UNIT), J-4 (GPRA UNIT), J-5 (GPRA UNIT), J-6 (GPRA UNIT), S-1A (GPRA UNIT), S-1B (GPRA UNIT), S-5 (GPRA UNIT), S-6 (GPRA UNIT)

EVENT DESCRIPTION: NEW OPERATING PERMIT - FINAL PERMIT (EXPIRES)

FACILITY TYPE: PERMITTED - OPERATING

DATE: 01/17/2008

UNIT: NOT REPORTED

EVENT DESCRIPTION: MOD CLASS 1* - PRIOR APPROVAL REQUIRED - FINAL PERMIT MODIFICATION (EFFECTIVE)

FACILITY TYPE: PERMITTED - OPERATING

DATE: 01/29/1996

UNIT: NOT REPORTED

EVENT DESCRIPTION: RENEWAL - WITH CHANGES - APPLICATION PART A RECEIVED

FACILITY TYPE: PERMITTED - OPERATING

DATE: 01/28/2009

UNIT: NOT REPORTED

EVENT DESCRIPTION: RENEWAL - WITH CHANGES - DISCLOSURE (CLEARED)

FACILITY TYPE: PERMITTED - OPERATING

DATE: 05/26/2006

UNIT: NOT REPORTED

EVENT DESCRIPTION: RENEWAL - WITH CHANGES - ADMINISTRATIVE REVIEW COMPLETE

FACILITY TYPE: PERMITTED - OPERATING



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ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES (ENVIROSTORPCA)

DATE: 03/18/2010

UNIT: NOT REPORTED

EVENT DESCRIPTION: RENEWAL - WITH CHANGES - RESPONSE TO 3RD NOD RECEIVED

FACILITY TYPE: PERMITTED - OPERATING

MAINTENANCE

TITLE: LUC FOR THE PHIBRO-TECH FACILITY DATED 8/16/1995.

DOCUMENT TYPE: DEED RESTRICTION / LUC ISSUED

RECEIVED DATE: 8/16/1995



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CALSITES DATABASE (CALSITES)

MAP ID# 17

Distance from Property: 0.84 mi. SE

FACILITY INFORMATION

ID#: 19280516

NAME: SOUTHERN CALIFORNIA CHEMICAL COMPANY

ADDRESS: 8851 DICE ROAD

SANTA FE SPRINGS, CA

STATUS (DATE): PROPERTY/SITE REFERRED TO RCRA (04/04/1989)

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

MANU - CHEMICALS & ALLIED PRODUCTS

ACCESS TO SITE: **CONTROLLED**

GROUNDWATER CONTAMINATION: **NOT REPORTED**

COMMENTS

VIOLATION DETECTED CO ENGR. CIO. DUMPING HEXAVALANT CHROMIU ONTO GROUND ONSITE & ADJ PROPERTY INSPECTION(LOCAL) CO ENGR. COMPLAINT. WASTES EXPELLED ONTO RR. INSPECTION(LOCAL) CO ENGR. WASTEWATER DISCH TO GROUND. RUN OFF TO RR & ADJ FIELD. INSPECTION(LOCAL) CO ENGR. CONTUNUED RUNOFF TO RR. INSPECTION(LOCAL) CO ENGR. SETTLING POMD NOT LINED. REPLY DATED 4/17/85-POND WAS LINED W/GUNITE & WIRE MESH. INSPECTION(LOCAL) CO ENGR. SPILLAGE OF INDUST WASTEWATER DISCH ONTO RR RIGHT OF WAY VIOLATION DETECTED RWQCB. COMPLI NOTICE TO C-U VIOLATION DETECTED CO ENGR. NOV. DIRECTED TO RUN SETTLING POND DISCH THROUGH INTERCEPTER VIOLATION DETECTED CO ENGR. NOV. IMMEDIATE CEASE DEPOSITING SLUDGE INTO BERMED PIT ONSITE & REMOVE WASTEWATER FLOW FROM STORM DRAIN DITCH. VIOLATION DETECTED CO ENGR. VIO. CONTM RAINWATER OVERFLOWIN ONTO RR RIGHT OF WAY. VIOLATION DETECTED RWQCB. CEASE & DESIST ORDER. CISCH WASTE FROM HOLDING POND ONTO RR RIGHT OF WAY S OF PLANT; WASTE FLOWED TO A DRAINAGE DITCH TRIBUTARY TO N FORK COYOTE CREEK. VIOLATION DETECTED VIO. SPILL TO RR RIGHTWAY ENFORCEMENT(OTHER) COURT CONVICTION ON 1978 VIO. OWNER FAILED TO C-U, FINED. INSPECTION(LOCAL) CO ENGR. 4 UNLINED PITS. 1 PILE OF GREEN SOIL FACILITY IDENTIFIED FAC ID LACE RECORDS OPNS 1957 TO PRESENT CO ENGR. VIOS FOR SPILLAGE AND PONDED LIQUIDS,FIRM PRODUCES FERRIC CHLORIDE. INSPECTION(LOCAL) CO ENGR. LETTER-EXISTENCE OF A PARTIALLY UNLINED SLUDGE SETTLING POND. FACILITY DRIVE-BY DRIVE BY. SPILLAGE-GREENISH COLOR-ON GROUND OFF PROPERTY ALONG RR TRACKS & IN STORM DRAIN,ALSO SPILLAGE ON PROPERTY AN STOCK PILE OF COPPER RECOVERY SLAG. FINAL STRATEGY SITE REFERRED: TO HWMB/ENF VIOLATION DETECTED DHS. NOV. NO PLANS FOR IDS G-WATER MONI-TORING REQ, RECEIPT OF UNMANIFESTED WST, LACK OF ADQUATE FREE BOARD SPACE ON TREATMENT PONDS, NO UPDATE PLAN. NO NFPA PLACE CARDS ON CR FULFURIC ACID TANK, FAILURE TO NOTIFY DHS ABOUT TREATMENT OF SPENT ACID W/ SLUDGE, & LACK OF SPANICH SIGNS AT HZD WASTE STORAGE AREA. VIOLATION DETECTED DHS. NOV SAME AS ON 3/84. VIOLATION DETECTED NOV. LEAKING CONTAINERS & FALLEN BBLS FROM WHICH CONTENTS WERE SPILLING OUT CURRENTLY UNDER RCRA G-WATER MONITORING REQ. CUR RESULT: WASTE CONSITUENTS HAVE ENTERED THE G-WATER. SOURCE ACT: MFG & WALE ETCHING SOLUTIONS TO THE PRINTED CIRCUIT BOARD INDUST. SUBMIT TO EPA SITE SCREENING DONE CERCLA GRANT SITE. ALSO, MITRE MODEL REQ FACILITY DRIVE-BY OBSERVED VARIOUS CONTAINERS,55GALLON DRUMS AND ABOVE GROUND TANKS LOS ANGELES CO. ENGINEER,NO FILE FOUND OFFICE OF PUBLIC WORKS,HAS FILES SANTA FE SPRINGS FIRE DEPART.,HAS FILE LOS ANGELES CO. SANITATION DISTRICT,HAS FILES SANTA FE SPRINGS ENV.HEALTH HAS FILES HAZD. RANKING SCORE 39.65; SENT TO EPA; HQ RECEIVED 10/87 PRELIM ASSESS DONE THERE EXISTS A THREAT TO GROUND WATER, DHS ACTION SHOULD BE TO ENSURE THAT SO. CALIF. CHEMICAL COMPLIES WITH CONSENT AGREEMENT ISSUED 8-28-87 SUBMIT TO EPA NO FURTHER ACTION UNDER CERCLA 2 SITE INSP DONE PENDING: FACILITY IS CURRENTLY UNDERGOING EPA,RCRA FACILITY INVESTIGATION THAT WILL ADDRESS RELEASES OF HAZARDOUS WASTE/CONSTITUENTS TSD FACILITY--LARGE QUANTITY GENERATOR AND TRANSPORTER.



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RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES (RCRAC)

MAP ID# 17 Distance from Property: 0.84 mi. SE

FACILITY INFORMATION

EPA ID#: **CAD008488025**
NAME: **PHIBRO-TECH INC.**
ADDRESS: **8851 DICE ROAD**

SANTA FE SPRINGS, CA 90670

CONTACT NAME: **DAVID A THAETE**

CONTACT ADDRESS: **8851 DICE ROAD**
SANTA FE SPRINGS, CA 90670

CONTACT PHONE: **5626988036 120**

NON-NOTIFIER: **NOT A NON-NOTIFIER**

DATE RECEIVED BY AGENCY: **10/04/2012**

OWNER TYPE: **PRIVATE**

OWNER NAME: **FIRST DICE ROAD COMPANY**

OPERATOR TYPE: **PRIVATE**

OPERATOR NAME: **PHIBRO-TECH, INC.**

CERTIFICATION

CERTIFICATION NAME:	CERTIFICATION TITLE:	CERTIFICATION SIGNED DATE:
DAVID A THAETE	EHS MANAGER	20100224
DAVID A THAETE	EHS MANAGER	20120229
EDWARD E VIGIL	ENV & SAFTY MGR	19900412
EDWARD E VIGIL	ENVIRONMENTAL &	19920227
EDWARD E VIGIL	ENV & SFTY MGR	19940331
EDWARD VIGIL	ENV. MGR.	19960320
EDWARD VIGIL	ENV. MANAGER	19990415
VIGIL EDWARD E.	ENVIR&SAFETYMGR	20001012
MARK L ALLING	GEN MGR	20020222
MARK L ALLING	GENERAL MANAGER	20040226
MARK ALLING	VP & GM	20060301
DAVID A THAETE	EHS MANAGER	20080225

INDUSTRY CLASSIFICATION (NAICS)

325188 - ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING

325998 - ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREP

SITE HISTORY (INCLUDES GENERATORS AND NON-GENERATORS)

DATE RECEIVED BY AGENCY: **10/04/2012**

NAME: **PHIBRO-TECH INC.**

GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**

DATE RECEIVED BY AGENCY: **07/22/2010**

NAME: **PHIBRO-TECH, INC.**

GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**

DATE RECEIVED BY AGENCY: **02/25/2008**

NAME: **PHIBRO-TECH, INC.**

GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**

DATE RECEIVED BY AGENCY: **03/01/2006**

NAME: **PHIBRO-TECH, INC.**

GENERATOR CLASSIFICATION: **CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR**



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RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES (RCRAC)

DATE RECEIVED BY AGENCY: 02/26/2004
NAME: PHIBRO-TECH, INC.
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 02/22/2002
NAME: PHIBRO-TECH INC
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 10/12/2000
NAME: PHIBRO-TECH, INC.
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 04/15/1999
NAME: PHIBRO-TECH, INC.
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 09/01/1996
NAME: PHIBRO TECH INC
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 03/20/1996
NAME: PHIBRO TECH INC
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 06/06/1994
NAME: PHIBRO TECH INC
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 03/31/1994
NAME: PHIBRO-TECH, INC.
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 02/27/1992
NAME: ENTECH RECOVERY, INC. DBA SOUTHERN
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

DATE RECEIVED BY AGENCY: 04/12/1990
NAME: SOUTHERN CALIFORNIA CHEM/DIV OF C
GENERATOR CLASSIFICATION: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES (RCRAC)

ACTIVITY INFORMATION

GENERATOR STATUS: **LARGE QUANTITY GENERATOR**
SUBJECT TO CORRECTIVE ACTION UNIVERSE: **YES**
TDSFs POTENTIALLY SUBJECT TO CORRECTIVE ACTION UNDER 3004 (u)/(v) UNIVERSE: **YES**
TDSFs ONLY SUBJECT TO CORRECTIVE ACTION UNDER DISCRETIONARY AUTHORITIES UNIVERSE: **NO**
NON TDSFs WHERE RCRA CORRECTIVE ACTION HAS BEEN IMPOSED UNIVERSE: **NO**
CORRECTIVE ACTION WORKLOAD UNIVERSE: **YES**
IMPORTER: **YES** UNDERGROUND INJECTION: **NO**
MIXED WASTE GENERATOR: **NO** UNIVERSAL WASTE DESTINATION FACILITY: **NO**
RECYCLER: **YES** TRANSFER FACILITY: **YES**
TRANSPORTER: **YES** USED OIL FUEL BURNER: **NO**
ON-SITE BURNER EXEMPTION: **NO** USED OIL PROCESSOR: **NO**
FURNACE EXEMPTION: **NO** USED OIL FUEL MARKETER TO BURNER: **NO**
USED OIL REFINER: **NO** SPECIFICATION USED OIL MARKETER: **NO**
USED OIL TRANSFER FACILITY: **NO** USED OIL TRANSPORTER: **NO**

COMPLIANCE, MONITORING AND ENFORCEMENT INFORMATION

EVALUATIONS

1987/02/24 FRR FINANCIAL RECORD REVIEW
1988/02/05 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1988/02/08 FRR FINANCIAL RECORD REVIEW
1988/06/15 GME GROUNDWATER MONITORING EVALUATION
1989/05/17 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1989/05/30 FRR FINANCIAL RECORD REVIEW
1990/03/14 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1991/01/23 FRR FINANCIAL RECORD REVIEW
1991/09/23 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1992/05/28 FUI FOLLOW-UP INSPECTION
1993/05/28 GME GROUNDWATER MONITORING EVALUATION
1995/06/22 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1995/09/06 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1998/01/15 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1999/05/18 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
1999/05/19 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2000/05/30 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2000/05/30 SNY SIGNIFICANT NON-COMPLIER
2000/07/13 SNN NOT A SIGNIFICANT NON-COMPLIER
2000/09/18 FUI FOLLOW-UP INSPECTION
2000/09/18 SNY SIGNIFICANT NON-COMPLIER
2000/09/26 SNN NOT A SIGNIFICANT NON-COMPLIER
2000/11/29 FUI FOLLOW-UP INSPECTION
2001/06/07 FUI FOLLOW-UP INSPECTION
2002/05/03 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2003/04/14 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2003/07/24 FRR FINANCIAL RECORD REVIEW
2003/08/27 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE



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RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES (RCRAC)

2004/01/21 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2004/02/17 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2004/04/13 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2004/06/03 FUI FOLLOW-UP INSPECTION
2004/07/17 FRR FINANCIAL RECORD REVIEW
2004/08/03 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2005/04/19 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2005/06/20 FRR FINANCIAL RECORD REVIEW
2005/06/27 FUI FOLLOW-UP INSPECTION
2005/08/18 FUI FOLLOW-UP INSPECTION
2005/08/18 SNY SIGNIFICANT NON-COMPLIER
2006/01/17 FUI FOLLOW-UP INSPECTION
2006/04/04 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2007/04/12 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2007/07/18 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2007/07/30 SNN NOT A SIGNIFICANT NON-COMPLIER
2008/04/30 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2008/05/21 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2008/05/21 SNY SIGNIFICANT NON-COMPLIER
2008/05/27 FRR FINANCIAL RECORD REVIEW
2008/06/20 SNN NOT A SIGNIFICANT NON-COMPLIER
2009/05/29 FUI FOLLOW-UP INSPECTION
2010/06/16 FRR FINANCIAL RECORD REVIEW
2011/03/01 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2011/03/01 SNY SIGNIFICANT NON-COMPLIER
2011/03/20 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2012/05/16 CEI COMPLIANCE EVALUATION INSPECTION ON-SITE
2012/07/11 FRR FINANCIAL RECORD REVIEW

VIOLATIONS

1987/02/24 264.H TSD - FINANCIAL REQUIREMENTS
1988/02/05 264.A TSD - GENERAL
1988/02/05 FEA FORMAL ENFORCEMENT AGREEMENT OR ORDER
1988/02/08 264.H TSD - FINANCIAL REQUIREMENTS
1988/06/15 265.F TSD IS-GROUND-WATER MONITORING
1989/05/17 264.A TSD - GENERAL
1990/03/14 264.A TSD - GENERAL
1990/03/14 264.G TSD - CLOSURE/POST-CLOSURE
1990/03/14 264.H TSD - FINANCIAL REQUIREMENTS
1991/01/23 264.H TSD - FINANCIAL REQUIREMENTS
1991/09/23 264.A TSD - GENERAL
1991/09/23 268.A LDR - GENERAL
1991/11/13 264.A TSD - GENERAL
1992/05/28 264.A TSD - GENERAL
1995/07/07 264.A TSD - GENERAL
1998/01/15 264.A TSD - GENERAL

RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES (RCRAC)

1998/01/15 264.J TSD - TANK SYSTEM STANDARDS
1998/01/15 265.F TSD IS-GROUND-WATER MONITORING
2000/05/30 264.B TSD - GENERAL FACILITY STANDARDS
2000/05/30 264.C TSD - PREPAREDNESS AND PREVENTION
2000/05/30 264.I TSD - CONTAINER USE AND MANAGEMENT
2000/09/18 264.B TSD - GENERAL FACILITY STANDARDS
2000/09/18 264.I TSD - CONTAINER USE AND MANAGEMENT
2001/06/07 262.D GENERATORS - RECORDS/REPORTING
2001/06/07 264.B TSD - GENERAL FACILITY STANDARDS
2001/06/07 264.C TSD - PREPAREDNESS AND PREVENTION
2001/06/07 264.D TSD - CONTINGENCY PLAN AND EMERGENCY PROCEDURES
2001/06/07 264.J TSD - TANK SYSTEM STANDARDS
2002/05/03 262.A GENERATORS - GENERAL
2002/05/03 262.D GENERATORS - RECORDS/REPORTING
2002/05/03 264.A TSD - GENERAL
2002/05/03 264.B TSD - GENERAL FACILITY STANDARDS
2003/04/14 263.A TRANSPORTERS - GENERAL
2003/04/14 264.J TSD - TANK SYSTEM STANDARDS
2004/04/13 262.A GENERATORS - GENERAL
2004/06/03 262.D GENERATORS - RECORDS/REPORTING
2004/06/03 263.A TRANSPORTERS - GENERAL
2004/06/03 264.B TSD - GENERAL FACILITY STANDARDS
2004/06/03 264.E TSD - MANIFEST/RECORDS/REPORTING
2004/06/03 264.I TSD - CONTAINER USE AND MANAGEMENT
2005/04/19 262.A GENERATORS - GENERAL
2005/06/27 264.B TSD - GENERAL FACILITY STANDARDS
2005/06/27 264.C TSD - PREPAREDNESS AND PREVENTION
2005/06/27 264.I TSD - CONTAINER USE AND MANAGEMENT
2005/06/27 264.J TSD - TANK SYSTEM STANDARDS
2005/08/18 264.B TSD - GENERAL FACILITY STANDARDS
2005/08/18 264.C TSD - PREPAREDNESS AND PREVENTION
2005/08/18 264.E TSD - MANIFEST/RECORDS/REPORTING
2005/08/18 264.J TSD - TANK SYSTEM STANDARDS
2006/04/04 262.A GENERATORS - GENERAL
2008/05/21 264.C TSD - PREPAREDNESS AND PREVENTION
2008/05/21 264.I TSD - CONTAINER USE AND MANAGEMENT
2008/05/21 FSS FEDERAL OR STATE STATUTE
2008/05/27 264.H TSD - FINANCIAL REQUIREMENTS
2011/03/01 264.B TSD - GENERAL FACILITY STANDARDS
2011/03/01 264.G TSD - CLOSURE/POST-CLOSURE
2011/03/01 264.I TSD - CONTAINER USE AND MANAGEMENT
2012/05/16 264.B TSD - GENERAL FACILITY STANDARDS
2012/05/16 264.E TSD - MANIFEST/RECORDS/REPORTING
2012/07/11 264.H TSD - FINANCIAL REQUIREMENTS

ENFORCEMENTS

RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES (RCRAC)

1987/03/26 120 WRITTEN INFORMAL
1987/08/28 310 FINAL 3008(A) COMPLIANCE ORDER
1988/03/09 120 WRITTEN INFORMAL
1988/03/10 120 WRITTEN INFORMAL
1988/06/15 810 STATE TO EPA ADMINISTRATIVE REFERRAL
1988/12/08 340 FINAL 3008(H) I.S. CA ORDER
1989/07/06 120 WRITTEN INFORMAL
1989/10/06 310 FINAL 3008(A) COMPLIANCE ORDER
1990/07/05 120 WRITTEN INFORMAL
1991/02/28 120 WRITTEN INFORMAL
1995/06/28 120 WRITTEN INFORMAL
1998/01/21 120 WRITTEN INFORMAL
1998/05/25 210 INITIAL 3008(A) COMPLIANCE
1999/12/30 310 FINAL 3008(A) COMPLIANCE ORDER
2000/06/06 120 WRITTEN INFORMAL
2000/09/18 120 WRITTEN INFORMAL
2000/10/04 210 INITIAL 3008(A) COMPLIANCE
2001/06/15 120 WRITTEN INFORMAL
2002/05/07 120 WRITTEN INFORMAL
2003/04/16 120 WRITTEN INFORMAL
2003/08/20 140 LETTER OF INTENT TO INITIATE ENFORCEMENT ACTION
2003/10/09 210 INITIAL 3008(A) COMPLIANCE
2003/10/09 310 FINAL 3008(A) COMPLIANCE ORDER
2004/04/13 120 WRITTEN INFORMAL
2004/06/08 120 WRITTEN INFORMAL
2005/04/19 120 WRITTEN INFORMAL
2005/06/30 120 WRITTEN INFORMAL
2005/08/23 120 WRITTEN INFORMAL
2006/04/04 120 WRITTEN INFORMAL
2007/07/30 385 SINGLE SITE CA/FO
2008/05/29 120 WRITTEN INFORMAL
2008/07/17 120 WRITTEN INFORMAL
2010/05/25 385 SINGLE SITE CA/FO
2011/03/08 120 WRITTEN INFORMAL
2012/05/22 120 WRITTEN INFORMAL
2012/07/12 120 WRITTEN INFORMAL

HAZARDOUS WASTE

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RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES (RCRAC)

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D001 IGNITABLE WASTE

D002 CORROSIVE WASTE

D004 ARSENIC

D005 BARIUM

D006 CADMIUM

D007 CHROMIUM

D008 LEAD

D009 MERCURY

D010 SELENIUM

D011 SILVER

F006 WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

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D001 IGNITABLE WASTE

D002 CORROSIVE WASTE

D004 ARSENIC

D005 BARIUM

D006 CADMIUM

D007 CHROMIUM

RESOURCE CONSERVATION & RECOVERY ACT - CORRECTIVE ACTION FACILITIES (RCRAC)

- D008 LEAD
- D009 MERCURY
- D010 SELENIUM
- D011 SILVER
- F006 WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

UNIVERSAL WASTE

WASTE TYPE:	ACCUMULATED WASTE ON-SITE:	GENERATED WASTE ON-SITE:
BATTERIES	NO	NOT REPORTED
BATTERIES	NO	NO
BATTERIES	UNKNOWN	UNKNOWN
LAMPS	NO	NOT REPORTED
LAMPS	NO	NO
LAMPS	UNKNOWN	UNKNOWN
MERCURY CONTAINING EQUIPMENT	NO	NOT REPORTED
MERCURY CONTAINING EQUIPMENT	NO	NO
MERCURY CONTAINING EQUIPMENT	UNKNOWN	UNKNOWN
PESTICIDES	NO	NOT REPORTED
PESTICIDES	NO	NO
PESTICIDES	UNKNOWN	UNKNOWN

ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 17

Distance from Property: 0.84 mi. SE

SITE INFORMATION

ID#: **80001582** ASSESSOR'S PARCEL #: **8168001022**

NAME: **PHIBRO-TECH INC**

ADDRESS: **8851 DICE RD**

SANTA FE SPRINGS, CA 906702515

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **4.8**

LEAD AGENCY: **WM**

DTSC PROJECT MANAGER: **STEPHEN MCARDLE**

DTSC SUPERVISOR: **ALLAN PLAZA**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **YES**

SITE TYPE: **CORRECTIVE ACTION**

SITE TYPE DESCRIPTION

INVESTIGATION AND CLEANUP ACTIVITIES AT HAZARDOUS WASTE FACILITIES (EITHER RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) OR STATE-ONLY) THAT EITHER WERE ELIGIBLE FOR A PERMIT OR RECEIVED A PERMIT, ARE CALLED CORRECTIVE ACTION.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 1/1/2008 0)

ACTIVE --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES (ENVIROSTORPCA)

MAP ID# 18 Distance from Property: 0.84 mi. S

SITE INFORMATION

EPA ID: **CAD008495129**

NAME: **WHITTIER PLATING CO.,INC.**

ADDRESS: **11642 E PIKE ST**

SANTA FE SPRINGS, CA 906700000

COUNTY: **LOS ANGELES**

PROJECT MANAGER: **NOT REPORTED**

DTSC PROJECT TRACKING CODE:**NOT REPORTED**

FACILITY TYPE: **HAZ WASTE - NON-OPERATING**

STATUS: **INACTIVE**

HAZARDOUS WASTE UNITS UNDERGOING CLOSURE - NO INFORMATION REPORTED -

HAZARDOUS WASTE UNITS COMPLETED ACTIVITIES - NO INFORMATION REPORTED -

MAINTENANCE - NO INFORMATION REPORTED -

ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 18 Distance from Property: 0.84 mi. S

SITE INFORMATION

ID#: **80001584** ASSESSOR'S PARCEL #: **8002013001**

NAME: **WHITTIER PLATING CO.,INC.**

ADDRESS: **11642 E PIKE ST**

SANTA FE SPRINGS, CA 906700000

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **0**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: *** UNKNOWN**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **CORRECTIVE ACTION**

SITE TYPE DESCRIPTION

INVESTIGATION AND CLEANUP ACTIVITIES AT HAZARDOUS WASTE FACILITIES (EITHER RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) OR STATE-ONLY) THAT EITHER WERE ELIGIBLE FOR A PERMIT OR RECEIVED A PERMIT, ARE CALLED CORRECTIVE ACTION.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 1/1/2008 0)

*** INACTIVE --**

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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CALSITES DATABASE (CALSITES)

MAP ID# 19

Distance from Property: 0.84 mi. W

FACILITY INFORMATION

ID#: 19490153

NAME: RIVERA ROAD INDISCRIMINANT DUMP

ADDRESS: 9400 E RIVERA RD
PICO RIVERA, CA

STATUS (DATE): PROPERTY/SITE REFERRED TO RWQCB (04/04/1987)

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

ELECTRIC, GAS & SANITARY SERVICES

ACCESS TO SITE: NOT REPORTED

GROUNDWATER CONTAMINATION: NOT REPORTED

COMMENTS

FACILITY IDENTIFIED FAC ID LACE OPER DATE UNKNOWN LACE FILE AND PERMIT DESTROYED. RWQLB NO RECORD FACILITY DRIVE-BY UNABLE TO LOCATE EXACT ADDR. NEAR RR FACILITY DRIVE-BY RIGHT AWAY. HOMES & APARTMENTS. SUBMIT TO EPA REFERRED: TO HWMB/ENF SITE SCREENING DONE AWAITING SWAT ASSESSMENT. PART OF AB3525 CALDERON SITE REFERRED TO RWQCB.

ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 19

Distance from Property: 0.84 mi. W

SITE INFORMATION

ID#: **19490153** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

NAME: **RIVERA ROAD INDISCRIMINANT DUMP**

ADDRESS: **9400 E RIVERA RD**

PICO RIVERA, CA 90660

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **1**

LEAD AGENCY: **SMBRP**

DTSC PROJECT MANAGER: **MANJUL BOSE**

DTSC SUPERVISOR: **RITA KAMAT**

DTSC DIVISION BRANCH: **NOT REPORTED**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **EVALUATION**

SITE TYPE DESCRIPTION

EVALUATION: IDENTIFIES SUSPECTED, BUT UNCONFIRMED, CONTAMINATED SITES THAT NEED OR HAVE GONE THROUGH AN INVESTIGATION AND ASSESSMENT PROCESS. IF A SITE IS FOUND TO HAVE CONFIRMED CONTAMINATION, IT WILL CHANGE FROM EVALUATION TO EITHER A STATE RESPONSE OR VOLUNTARY CLEANUP SITE TYPE. SITES FOUND TO HAVE NO CONTAMINATION AT THE COMPLETION OF THE INVESTIGATION AND ASSESSMENT PROCESS RESULT IN A NO ACTION REQUIRED (FOR PHASE 1 ASSESSMENTS) OR NO FURTHER ACTION (FOR PHASE 2 ASSESSMENTS) DETERMINATION.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 2008-05-12)

INACTIVE - ACTION REQUIRED --

PAST USE/S THAT CAUSED THE CONTAMINATION

UNKNOWN

CONFIRMED CONTAMINANTS OF CONCERN



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CALSITES DATABASE (CALSITES)

MAP ID# 20

Distance from Property: 0.86 mi. E

FACILITY INFORMATION

ID#: 19280375

NAME: CAL WESTERN PAINTS

ADDRESS: 11748 SLAUSON AVENUE
SANTA FE SPRINGS, CA

STATUS (DATE): NO FURTHER ACTION FOR DTSC (03/03/1984)

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

MANU - CHEMICALS & ALLIED PRODUCTS

ACCESS TO SITE: NOT REPORTED

GROUNDWATER CONTAMINATION: NOT REPORTED

COMMENTS

FACILITY IDENTIFIED FAC ID LACE LACE SEWERED FAC LACSD SEWERED FAC FACILITY DRIVE-BY PAVED SITE NEAR FLOOD CONTROL Q RETURNED SUMP SEDIMENT HAULED AWAY INSPECTION(LOCAL) SURVEILLANCE & COMPLIANCE REP, LA CO ENVIRON HLTH (4 UNDER-G TANKS). FACILITY IDENTIFIED ID FROM ERRIS SOURCE ACT: ASAP FIELD CHECK 3/2/84 & LACE PERMIT - MFG WHOLE & RETAIL PAINT YR OF OPER: 1968 TO PRESENT. PERMIT: IWD - CO ENGR ISSUED 7/8/74 # 1346. SUBMIT TO EPA PRELIM ASSESS DONE RCRA 3012 DATABASE VALIDATION PROJECT CONFIRMS NFA FOR DTSC.



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ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 20

Distance from Property: 0.86 mi. E

SITE INFORMATION

ID#: **19280375** ASSESSOR'S PARCEL #: **8168023029**

NAME: **CAL WESTERN PAINTS**

ADDRESS: **11748 SLAUSON AVENUE**

SANTA FE SPRINGS, CA 90670

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **0**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: *** MMONROY**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **HISTORICAL**

SITE TYPE DESCRIPTION

HISTORICAL: IDENTIFIES SITES FROM AN OLDER DATABASE WHERE NO SITE TYPE WAS IDENTIFIED. MOST OF THESE SITES HAVE A STATUS OF REFERRED OR NO FURTHER ACTION. DTSC IS WORKING TO CLEAN UP THIS DATA BY IDENTIFYING AN APPROPRIATE SITE TYPE FOR EACH "HISTORIC" SITE.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 3/24/1984)

NO FURTHER ACTION --

PAST USE/S THAT CAUSED THE CONTAMINATION

DISTRIBUTOR - CHEMICAL

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 21

Distance from Property: 0.87 mi. E

SITE INFORMATION

ID#: **19340783** ASSESSOR'S PARCEL #: **8168024011**

NAME: **PARKER HANNIFIN**

ADDRESS: **11808 BURKE STREET**

SANTA FE SPRINGS, CA 90670

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **NOT REPORTED**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: *** HARLAN JECHE**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **EVALUATION**

SITE TYPE DESCRIPTION

EVALUATION: IDENTIFIES SUSPECTED, BUT UNCONFIRMED, CONTAMINATED SITES THAT NEED OR HAVE GONE THROUGH AN INVESTIGATION AND ASSESSMENT PROCESS. IF A SITE IS FOUND TO HAVE CONFIRMED CONTAMINATION, IT WILL CHANGE FROM EVALUATION TO EITHER A STATE RESPONSE OR VOLUNTARY CLEANUP SITE TYPE. SITES FOUND TO HAVE NO CONTAMINATION AT THE COMPLETION OF THE INVESTIGATION AND ASSESSMENT PROCESS RESULT IN A NO ACTION REQUIRED (FOR PHASE 1 ASSESSMENTS) OR NO FURTHER ACTION (FOR PHASE 2 ASSESSMENTS) DETERMINATION.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 6/27/2001)

INACTIVE - NEEDS EVALUATION --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 22

Distance from Property: 0.88 mi. S

SITE INFORMATION

ID#: **19820029** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

NAME: **JERSEY AVENUE ELEMENTARY SCHOOL**

ADDRESS: **9400 JERSEY AVENUE**

SANTA FE SPRINGS, CA 90670-2859

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **9.2**

LEAD AGENCY: **SMBRP**

DTSC PROJECT MANAGER: **SHAHIR HADDAD**

DTSC SUPERVISOR: **THOMAS COTA**

DTSC DIVISION BRANCH: **SOUTHERN CALIFORNIA SCHOOLS & BROWNFIELDS OUTREACH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **SCHOOL CLEANUP**

SITE TYPE DESCRIPTION

SCHOOL: IDENTIFIES PROPOSED AND EXISTING SCHOOL SITES THAT ARE BEING EVALUATED BY DTSC FOR POSSIBLE HAZARDOUS MATERIALS CONTAMINATION. SCHOOL SITES ARE FURTHER DEFINED AS "CLEANUP" (REMEDIAL ACTIONS OCCURRED) OR "EVALUATION" (NO REMEDIAL ACTION OCCURRED) BASED ON COMPLETED ACTIVITIES. ALL PROPOSED SCHOOL SITES THAT WILL RECEIVE STATE FUNDING FOR ACQUISITION OR CONSTRUCTION ARE REQUIRED TO GO THROUGH A RIGOROUS ENVIRONMENTAL REVIEW AND CLEANUP PROCESS UNDER DTSC'S OVERSIGHT.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 1/14/2003)

CERTIFIED --

PAST USE/S THAT CAUSED THE CONTAMINATION

*** EDUCATIONAL SERVICES**

CONFIRMED CONTAMINANTS OF CONCERN



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CALSITES DATABASE (CALSITES)

MAP ID# 23

Distance from Property: 0.90 mi. E

FACILITY INFORMATION

ID#: 19340742

NAME: **TECHNI-BRAZE INC**

ADDRESS: **11845 BURKE STREET
SANTA FE SPRINGS, CA**

STATUS (DATE): **PROPERTY/SITE REFERRED TO RWQCB (05/05/1995)**

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

MANU - FABRICATED METAL PRODUCTS

ACCESS TO SITE: **NOT REPORTED**

GROUNDWATER CONTAMINATION: **NOT REPORTED**

COMMENTS

THE RP SUBMITTED A PRELIMINARY SITE INVESTIGATION SUMMARY REPORT TO THE DEPT ON SEPTEMBER 27, 1991. TECHI-BRAZE PERFORMS BRAZING AND HEAT TREATMENT OF METAL PARTS USING VACUUM FURNACES AT THE SITE. SOIL AND GROUNDWATER ARE CONTAMINATED WITH VOCs. SOIL AT A DEPTH OF 25-27 FEET FOUND 4700 PPM TPH AND 92,000 PPB TETRACHLOROETHENE. TOTAL VOC CONCENTRATIONS IN GW RANGED FROM 27 PPB TO 7458 PPB. TETRA IS THE PRIMARY VOC GW CONTAMINANT. OTHER VOCs DETECTED IN GW INCLUDE 1,1, DICHLOROETHENE, 1,1,1, TRICHLOROETHANE, AND TRICHLOROETHENE. GW FOUND AT A DEPTH OF 32 FEET BELOW THE GRADE. THE COMPANIES ADJECENT TO THE PROPERTY ARE CAL-WESTERN PAINTS AND WESTERN SCREW PRODUCTS. STAFF RECOMMENDED A PEA AND MAILED THE NOTIFICATION TO RP. ON APRIL 24, 1992, RP MAILED THE DEPT A RESCISSION NOTICE OF INTENT TO DO A PEA BECAUSE THE RWQCB ACCEPTED THE LEAD AGENCY STATUS FOR THE CLEANUP OVERSIGHT.

ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 23

Distance from Property: 0.90 mi. E

SITE INFORMATION

ID#: **19340742** ASSESSOR'S PARCEL #: **8168023039**

NAME: **TECHNI-BRAZE INC**

ADDRESS: **11845 BURKE STREET**

SANTA FE SPRINGS, CA 90670

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **NOT REPORTED**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: **REFERRED - NOT ASSIGNED**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **HISTORICAL**

SITE TYPE DESCRIPTION

HISTORICAL: IDENTIFIES SITES FROM AN OLDER DATABASE WHERE NO SITE TYPE WAS IDENTIFIED. MOST OF THESE SITES HAVE A STATUS OF REFERRED OR NO FURTHER ACTION. DTSC IS WORKING TO CLEAN UP THIS DATA BY IDENTIFYING AN APPROPRIATE SITE TYPE FOR EACH "HISTORIC" SITE.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 5/1/1995 0)

REFER: RWQCB --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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CALSITES DATABASE (CALSITES)

MAP ID# 24 Distance from Property: 0.90 mi. E

FACILITY INFORMATION

ID#: 19340377

NAME: WESTERN SCREW PRODUCTS #1

ADDRESS: 11770 EAST SLAUSON AVENUE
SANTA FE SPRINGS, CA

STATUS (DATE): PROPERTY/SITE REFERRED TO ANOTHER AGENCY (08/08/1995)

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

MANU - FABRICATED METAL PRODUCTS

ACCESS TO SITE: NOT REPORTED

GROUNDWATER CONTAMINATION: NOT REPORTED

COMMENTS

FACILITY IDENTIFIED FAC ID BY FC FACILITY DRIVE-BY UNPAVED LOT STAINED W/DARK OILY SUBSTANC 18 OVERTURNED DRUMS RUNOFF OF SUBSTANCE TO ALLEY FACILITY DRIVE-BY SOIL STAINED, POOLING OF DARK OILY SUB-STANCE DRUMS NOT THERE LACE NO RECORD RWQCB NO RECORD PRE LOC: 2820 E CENTURY BLVD, SEE FILE #19-35-0120 FINAL STRATEGY SITE REFERRED: TO CO ENGR, HWMB, RWQCB INSPECTION(LOCAL) LACE. OIL & GRINDING SLUDGE DUMPED ON UNPAVED LOT FOR WEED CONTROL. ENFORCEMENT(OTHER) LACE. NOV & ORDER TO COMPLY C-U. INSPECTION(LOCAL) LACE. OIL & GRINDING TAKEN TO ROSE HILL DUMP. SOIL ALSO REMOVED. WOODEN CURB INSTALLED. FACILITY DRIVE-BY SITE CLEANED-UP FACILITY DRIVE-BY NOW LANCASTER REFINISHING ON SITE. OLD CORRUGATED BLDG ON SITE. PAVED. BACK PAVE MENT APPEARS STAINED. CAN'T DETERSTATUS SOURCE ACT: AUTOMATIC SCREW MACHINE PROCESS. YR OF OPER: 1967 TO PRESENT. NO F-U SAMPLING OF SOIL DOCUMENTED. SUBMIT TO EPA SITE SCREENING DONE CERCLIS SITE ON CORTESE LIST RECORDS SEARCH: SITE LISTED IN EPA CERCLIS. RECORD SHOWS THAT EPA COMPLETED PA IN JANUARY 1989 AND RECOMMENDED NO FURTHER ACTION. SITE SCREENING RECOMMENDED FOR DTSC TO DETERMINE STATUS. SITE VISIT CONDUCTED IN JANUARY, 1994. FACILITY IS A HAZARDOUS WASTE GENERATOR. SITE IS PAVED, NO VISIBLE SIGN OF HAZARDOUS WASTE RELEASE AT TIME OF VISIT. SITE SCREENING/FILE REVIEW CONFIRM NFA FOR DTSC. GENERATOR--REFER TO COUNTY.

ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 24

Distance from Property: 0.90 mi. E

SITE INFORMATION

ID#: **19340377** ASSESSOR'S PARCEL #: **8168023049**

NAME: **WESTERN SCREW PRODUCTS #1**

ADDRESS: **11770 EAST SLAUSON AVENUE
SANTA FE SPRINGS, CA 90670**

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **0.2**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: *** MMONROY**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **HISTORICAL**

SITE TYPE DESCRIPTION

HISTORICAL: IDENTIFIES SITES FROM AN OLDER DATABASE WHERE NO SITE TYPE WAS IDENTIFIED. MOST OF THESE SITES HAVE A STATUS OF REFERRED OR NO FURTHER ACTION. DTSC IS WORKING TO CLEAN UP THIS DATA BY IDENTIFYING AN APPROPRIATE SITE TYPE FOR EACH "HISTORIC" SITE.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 8/31/1995)

REFER: OTHER AGENCY --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES (ENVIROSTORPCA)

MAP ID# 25 Distance from Property: 0.92 mi. E

SITE INFORMATION

EPA ID: **CAD981687114**

NAME: **SUR LITE CORP**

ADDRESS: **8124 ALLPORT AVE**

SANTA FE SPRING, CA 906700000

COUNTY: **LOS ANGELES**

PROJECT MANAGER: **NOT REPORTED**

DTSC PROJECT TRACKING CODE:**NOT REPORTED**

FACILITY TYPE: **HISTORICAL - NON-OPERATING**

STATUS: **NON-OPERATING**

HAZARDOUS WASTE UNITS UNDERGOING CLOSURE - NO INFORMATION REPORTED -

HAZARDOUS WASTE UNITS COMPLETED ACTIVITIES - NO INFORMATION REPORTED -

MAINTENANCE - NO INFORMATION REPORTED -

ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 25

Distance from Property: 0.92 mi. E

SITE INFORMATION

ID#: **80001483** ASSESSOR'S PARCEL #: **8169005033**

NAME: **SUR LITE CORP**

ADDRESS: **8124 ALLPORT AVE**

SANTA FE SPRING, CA 906700000

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **0**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: *** UNKNOWN**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **CORRECTIVE ACTION**

SITE TYPE DESCRIPTION

INVESTIGATION AND CLEANUP ACTIVITIES AT HAZARDOUS WASTE FACILITIES (EITHER RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) OR STATE-ONLY) THAT EITHER WERE ELIGIBLE FOR A PERMIT OR RECEIVED A PERMIT, ARE CALLED CORRECTIVE ACTION.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 1/1/2008 0)

*** INACTIVE --**

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 26

Distance from Property: 0.93 mi. SE

SITE INFORMATION

ID#: **19280834** ASSESSOR'S PARCEL #: **8168-001-035**

NAME: **DIVERSEY WYANDOTTE CORPORATION**

ADDRESS: **8921 DICE RD**

SANTA FE SPRINGS, CA 90670

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **6.5**

LEAD AGENCY: **DTSC**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: * **SAYAREH AMIREBRAHIMI**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **VOLUNTARY CLEANUP**

SITE TYPE DESCRIPTION

VOLUNTARY CLEANUP: IDENTIFIES SITES WITH EITHER CONFIRMED OR UNCONFIRMED RELEASES, AND THE PROJECT PROPONENTS HAVE REQUESTED THAT DTSC OVERSEE EVALUATION, INVESTIGATION, AND/OR CLEANUP ACTIVITIES AND HAVE AGREED TO PROVIDE COVERAGE FOR DTSC'S COSTS.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 6/19/2006)

INACTIVE - ACTION REQUIRED --

PAST USE/S THAT CAUSED THE CONTAMINATION

MANUFACTURING - CHEMICALS

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES (ENVIROSTORPCA)

MAP ID# 26

Distance from Property: 0.93 mi. SE

SITE INFORMATION

EPA ID: **CAD046455747**

NAME: **DIVERSEY WYANDOTTE CORP**

ADDRESS: **8921 DICE RD**

SANTA FE SPRINGS, CA 906700000

COUNTY: **LOS ANGELES**

PROJECT MANAGER: **NOT REPORTED**

DTSC PROJECT TRACKING CODE:**NOT REPORTED**

FACILITY TYPE: **HISTORICAL - NON-OPERATING**

STATUS: **CLOSED**

HAZARDOUS WASTE UNITS UNDERGOING CLOSURE

DATE: **3/17/1992**

UNIT: **CONTAIN1, TANKTRT1**

EVENT DESCRIPTION: **CLOSURE FINAL - ISSUE CLOSURE VERIFICATION**

FACILITY TYPE: **HISTORICAL - NON-OPERATING**

DATE: **11/22/1991**

UNIT: **CONTAIN1, TANKTRT1**

EVENT DESCRIPTION: **CLOSURE FINAL - RECEIVE CLOSURE CERTIFICATION**

FACILITY TYPE: **HISTORICAL - NON-OPERATING**

HAZARDOUS WASTE UNITS COMPLETED ACTIVITIES

DATE: **04/06/1983**

UNIT: **CONTAIN1, TANKTRT1**

EVENT DESCRIPTION: **NEW OPERATING PERMIT - APPLICATION PART B RECEIVED**

FACILITY TYPE: **HISTORICAL - NON-OPERATING**

DATE: **07/25/1990**

UNIT: **CONTAIN1, TANKTRT1**

EVENT DESCRIPTION: **NEW OPERATING PERMIT - PERMIT TERMINATED - TERMINATION APPROVED**

FACILITY TYPE: **HISTORICAL - NON-OPERATING**

DATE: **06/08/1989**

UNIT: **CONTAIN1, TANKTRT1**

EVENT DESCRIPTION: **NEW OPERATING PERMIT - PERMIT TERMINATED - TERMINATION RECEIVED**

FACILITY TYPE: **HISTORICAL - NON-OPERATING**

DATE: **11/19/1984**

UNIT: **CONTAIN1, TANKTRT1**

EVENT DESCRIPTION: **NEW OPERATING PERMIT - FINAL PERMIT (EFFECTIVE)**

FACILITY TYPE: **HISTORICAL - NON-OPERATING**

DATE: **10/01/1982**

UNIT: **CONTAIN1, TANKTRT1**

EVENT DESCRIPTION: **NEW OPERATING PERMIT - CALL-IN LETTER ISSUED**

FACILITY TYPE: **HISTORICAL - NON-OPERATING**

DATE: **11/19/1980**

UNIT: **CONTAIN1, TANKTRT1**

EVENT DESCRIPTION: **NEW OPERATING PERMIT - APPLICATION PART A RECEIVED**

FACILITY TYPE: **HISTORICAL - NON-OPERATING**



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ENVIROSTOR PERMITTED AND CORRECTIVE ACTION SITES (ENVIROSTORPCA)

DATE: 08/10/1984
UNIT: CONTAIN1, TANKTRT1
EVENT DESCRIPTION: NEW OPERATING PERMIT - PUBLIC COMMENT (BEGIN)
FACILITY TYPE: HISTORICAL - NON-OPERATING

DATE: 10/19/1989
UNIT: CONTAIN1, TANKTRT1
EVENT DESCRIPTION: NEW OPERATING PERMIT - FINAL PERMIT (EXPIRES)
FACILITY TYPE: HISTORICAL - NON-OPERATING

DATE: 10/19/1984
UNIT: CONTAIN1, TANKTRT1
EVENT DESCRIPTION: NEW OPERATING PERMIT - FINAL PERMIT
FACILITY TYPE: HISTORICAL - NON-OPERATING
MAINTENANCE - NO INFORMATION REPORTED -

CALSITES DATABASE (CALSITES)

MAP ID# 26

Distance from Property: 0.93 mi. SE

FACILITY INFORMATION

ID#: 19280834

NAME: DIVERSEY WYANDOTTE CORPORATION

ADDRESS: 8921 SOUTH DICE ROAD
SANTA FE SPRINGS, CA

STATUS (DATE): VOLUNTARY CLEANUP AGREEMENT TERMINATED (04/04/1996)

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

MANU - CHEMICALS & ALLIED PRODUCTS

ACCESS TO SITE: CONTROLLED

GROUNDWATER CONTAMINATION: SUSPECTED

COMMENTS

PERMIT(OTHER) IWD #1134 - RWQCB VIOLATION DETECTED DISCH OF LIQ TO DRAINING DITCH NEAR CHEM STORAGE BLDG(LACE). VIOLATION DETECTED SPILL C-U. INSPECTION(LOCAL) LACE. RECOM-REMOVE DAMAGED DRUMS;PROVIDE SPILL CONTAINMENT;STOP LEAKAGE- TANK HOSE FACILITY IDENTIFIED FAC ID WADE Q LACE. ADDR P.O. BOX 2147 LOS NIETOS,CA 90606. RWQCB. NOTTINGHAM INTERCEPTOR USED FOR WASTEWATER FROM WASHDOWN OF EQUIP. ENFORCEMENT(OTHER) ISD ISSUED. SUBMITTED OPER PLAN FOR HZD WASTE FAC PERMIT. CO SANIT DISTRICT PERMIT(OTHER) PERMIT: IWD #8113 - CO SANIT FACILITY DRIVE-BY DRIVE BY. PONDED WATER ON UNPAVED GROUND ALONG PROPERTY FENCE. DITCH PARALLEL TO FENCE IS STAINED. PREVIOUS DRIVE BY NOTE LIQ IN THIS DITCH DRAINING OFF PROPERTY. FINAL STRATEGY SITE REFERRED: TO HWMB LA ENF. INSPECTION(STATE) DOHS. ISD INSP. WASTE HAULED BY ATS DISP CO TO BKK. FACILITY IDENTIFIED ID FROM ERRIS DHS FILE 3/83: 1)SOURCE ACT: MFG INDUST DETERGENTS, CLEANERS, 5% METAL FINISHING 2)YR OF OPER: 1954-PRESENT; 3)FAC TYPE: A HISTORY OF SPILLS & INADEQUATE CONTMNM; EMPLOYEE VEG GARDEN IN SW OF SITE WHERE WASTES USED TO HAVE RUN OFF, DRAINED INTO DITCH ON PL BOUNDARY (CO ENGR REC); WASTE: DICHLOROMETHANE FROMALDEHYDE, CLARIFIERS, WASHDOWN EQUIP; SPILLAGE FORMIC ACID, METHANOL THIOCARBAMIDE CO ENGR REC: FORM 1954-73 DISP OF SODIUM HYDROXIDE,SODIUM CARBONATE & PHOSPHORIC ACID TO ON-SITE INJECTN WELLS. 200GAL/D PRELIM ASSESS DONE RCRA 3012 SUBMIT TO EPA REPORTED FOR PROP65 ON CORTESE LIST DHS RCVD FIT PA REEVALUATION- EPA RECOM-MENDS NFA 8-31-90. THE DEPARTMENT RECEIVED A REPORT OF THE KEROSENE CONTAMINATED SOIL REMOVAL. A LEAK IN AN UNDERGROUND PIPE-LINE WAS REPORTED IN MAY 1989 DURING EXCAVATION OF THE CONTAINMENT BERM OF THE ABOVE GROUND KEROSENE STORAGE TANK. FURTHER STUDIES REVEALS THAT THE KEROSENE CONTAMINATION REACHED UP TO A DEPTH OF 45 FEET. GROUNDWATER IS NOT CONTAMINATED WITH KEROSENE TPH. GROUNDWATER SAMPLES CONTAINED SEVERAL HALOGENATED ORGANIC COMPOUNDS EXCEEDING TITLE 22 CRITERIA. DUE TO THE EVIDENCE OF CONTAMINATION ONSITE, THE DEPARTMENT RECOMMENDS A PEA. THE DEPARTMENT ENTERED INTO A VOLUNTARY CLEANUP AGREEMENT WITH THE DIVERSEY CORP. DB FOR THE OVERSIGHT OF A FOCUSED REMEDIAL INVESTIGATION/ FEASIBILITY STUDY. DUE TO REPEATED DELAYS IN THE PROJECT, DTSC ELECTED TO TERMINATE THE VOLUNTARY CLEANUP AGREEMENT.

BACKGROUND

DIVERSEY CORP. MANUFACTURED INDUSTRIAL CLEANING PRODUCTS AT THIS FACILITY FROM 1979 UNTIL 1992. KEROSENE WAS STORED IN TANKS AND PUMPED THROUGH PIPELINES TO THE MANUFACTURING BUILDING.

IN 1989, WHILE EXCAVATING THE KEROSENE TANK CONCRETE BERM, A LEAK IN THE KEROSENE PIPELINE WAS DETECTED. AS A RESULT, PHASE I THROUGH PHASE III ASSESSMENTS WERE CON-DUCTED IN THE SAME YEAR. SOIL CONTAMINATION WAS DETECTED TO 46.5 FEET BELOW GROUND SURFACE AT LEVELS UP TO 11,000 MG/KG.

THE SCOPE OF THE PRESENT INVESTIGATION INVOLVES TWO ADDITIONAL SOIL BORINGS AND SOIL SAMPLING. THE FIRST SOIL BORING, S-11, WILL BE CONVERTED TO A 50-FOOT DEEP VAPOR EXTRACTION WELL. A FATE AND TRANSPORT STUDY AND HEALTH RISK ASSESSMENT SHOULD BE PREPARED TO SET CLEANUP LEVELS.



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ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 26

Distance from Property: 0.93 mi. SE

SITE INFORMATION

ID#: **80001393** ASSESSOR'S PARCEL #: **8168001035**

NAME: **DIVERSEY WYANDOTTE CORP**

ADDRESS: **8921 DICE RD**

SANTA FE SPRINGS, CA 906700000

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **0**

LEAD AGENCY: **MBR**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: *** UNKNOWN**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **CORRECTIVE ACTION**

SITE TYPE DESCRIPTION

INVESTIGATION AND CLEANUP ACTIVITIES AT HAZARDOUS WASTE FACILITIES (EITHER RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) OR STATE-ONLY) THAT EITHER WERE ELIGIBLE FOR A PERMIT OR RECEIVED A PERMIT, ARE CALLED CORRECTIVE ACTION.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 1/1/2008 0)

*** INACTIVE --**

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 27

Distance from Property: 0.96 mi. SE

SITE INFORMATION

ID#: **19280224** ASSESSOR'S PARCEL #: **8168013008**

NAME: **BURDETT OXYGEN COMPANY OF CALIFORNIA (1)**

ADDRESS: **8832-8838 SOUTH DICE ROAD**

SANTA FE SPRINGS, CA 90670

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **NOT REPORTED**

LEAD AGENCY: **US EPA**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: **NOT REPORTED**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **EVALUATION**

SITE TYPE DESCRIPTION

EVALUATION: IDENTIFIES SUSPECTED, BUT UNCONFIRMED, CONTAMINATED SITES THAT NEED OR HAVE GONE THROUGH AN INVESTIGATION AND ASSESSMENT PROCESS. IF A SITE IS FOUND TO HAVE CONFIRMED CONTAMINATION, IT WILL CHANGE FROM EVALUATION TO EITHER A STATE RESPONSE OR VOLUNTARY CLEANUP SITE TYPE. SITES FOUND TO HAVE NO CONTAMINATION AT THE COMPLETION OF THE INVESTIGATION AND ASSESSMENT PROCESS RESULT IN A NO ACTION REQUIRED (FOR PHASE 1 ASSESSMENTS) OR NO FURTHER ACTION (FOR PHASE 2 ASSESSMENTS) DETERMINATION.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 6/6/1995 0)

INACTIVE - NEEDS EVALUATION --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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CALSITES DATABASE (CALSITES)

MAP ID# 27

Distance from Property: 0.96 mi. SE

FACILITY INFORMATION

ID#: 19280224

NAME: BURDETT OXYGEN COMPANY OF CALIFORNIA (1)

ADDRESS: 8832-8838 SOUTH DICE ROAD
SANTA FE SPRINGS, CA

STATUS (DATE): PRELIMINARY ENDANGERMENT ASSESSMENT REQUIRED (06/06/1995)

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

MANU - CHEMICALS & ALLIED PRODUCTS

ACCESS TO SITE: CONTROLLED

GROUNDWATER CONTAMINATION: NOT REPORTED

COMMENTS

FACILITY ID HIST SEARCH FACILITY DRIVE-BY NOW LIQUID AIR ON SITE. ACETYLENE SLUDGE POND ON PROPERTY. LAGE NO RECORD RWQCB NO RECORD FINAL STRATEGY SITE REFERRED: TO HWMB/ENF SITE SCREENING DONE RATIONALE - REC SEARCH REQ LIQUID AIR AT 8832 DICE ROAD ON CERCLAII FOR PA SEE ASPIS #19280766 REPORTED FOR PROP65 ON CORTESE LIST FACILITY DRIVE-BY OBSERVED 10 OR MORE WHITE/GREY WST PILES ON UNPAVED SURFACE. MATERIALS ALSO DISP ALONG RR TRACKS SANTA FE SPRINGS REDEVELOPMENT AGENCY: HAS A FILE LA CO PUB WKS: FILES IN FAC HISTORY ENFORCEMENT(OTHER) LA CO HLTH: ON SITE STORAGE OF PAINT WST, OILS, ACID & ALKALINE CLEANERS & LIME WST. PRELIM ASSESS DONE ONSITE DISPOSAL OF WST TO UNLINED WST PIT HAS OCCURED SUBMIT TO EPA SI MED FOR EPA: DISPOSAL METHODS OF CONCERN SUBMIT TO EPA SI SUBMITTED TO EPA WITH NFA RECOMMENDA-TION SITE INSP DONE LIME WASTE SLUDGES DETERMINED TO BE NON-HAZARDOUS; NO FURTHER ACTION FOR STATE AND CERCLA SITE SCREENING DONE EPA REVIEWED DHS SITE INSPECTION AND CHANGED THEIR RECOMMENDATION TO LISTING SITE INPECTION. DELETED FROM CORTESE HAZD. RANKING SCORE 5.29 HRS PACKAGE COMPLETED 1-31-91.DEPARTMENT MAILED PKG TO RP 4-18-91 FOR REVIEW. EPA/CERCLA SITE SENT PEA INVITE LETTER.



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CALSITES DATABASE (CALSITES)

MAP ID# 27

Distance from Property: 0.96 mi. SE

FACILITY INFORMATION

ID#: 19280766

NAME: LIQUID AIR

ADDRESS: 8832 DICE ROAD

SANTA FE SPRINGS, CA

STATUS (DATE): NO FURTHER ACTION FOR DTSC (12/12/1994)

STANDARD INDUSTRIAL CLASSIFICATION BELIEVED TO BE CAUSE OF (POTENTIAL) CONTAMINATION:

MANU - CHEMICALS & ALLIED PRODUCTS

ACCESS TO SITE: CONTROLLED

GROUNDWATER CONTAMINATION: NOT REPORTED

COMMENTS

INSPECTION(STATE) CO ENGR. APPROX 3000LBS OF SLUDGE, 3000-5000GAL OF CYLINDER COOLING WATER,5GAL OF CAUSTICS SLUDGE WERE DISP OF DAILY. SLUDGE/COOLING WATER IS DISP IN LIME PIT SLUDGE WAS DUMPED ON GROUND. INSPECTION(STATE) CO ENGR. SLUDGE & COOLING WATER DISP OF IN A LARGE PIT DUG LAST SUMMER. SUMP WIL LAST APPROX 15 YEARS. INSPECTION(STATE) CO ENGR. CARBIDE SLUDGE STILL GOES TO QUARRY. INSPECTION(STATE) CO ENGR. EARTH PIT SEPARATE SEWER CONNTN & TRAP. ELECT EQUIP ADJ TO TRAP IS CORR D INSPECTION(STATE) CO ENGR. F-U. TRAP NOT OVERFLOW TRAP HAS OVERFLOWED MANY TIMES. INSPECTION(LOCAL) SANTA FE INDUST WASTE SURVEY. CARBIDE SLUDGE IS STORED IN LARGE SUMPS AT REAR COOLING TOWER BLEED-OFF TO GROUND. INSPECTION(STATE) CO ENGR. FENCE DOWN AROUND WASTE PONDS-150'X90'X24'DEPH. PIT FILLED W/ LIME SLUDGE. ENFORCEMENT(OTHER) FIRE. ACETYLENE GENERATEIN & FILLING WAS DESTROYED. INSPECTION(STATE) RWQCB. WHITE DEPOSITS IN AN UNLIND DITCH SOUTH OF THE PROPERTY. TRACED TO STORM DRAIN OF LIME STORATGE AREA. ILLEGAL DISCH. INSPECTION(STATE) RWQCB. INTERMITTENT DISCH OF COOLING WTR FROM ACETYLENE-FILLING OPER INTO UNLINED DITCH. INSPECTION(LOCAL) CO HLTH. PLANT SURVEY. 1,1,1 TRICHLORO-ETHANE IS USED FOR CLEANING. FACILITY IDENTIFIED FAC ID LACE OPNS 1963 TO PRESENT LACE-LIME PRODUCER,CAUSTICS SPILLED TO GROUND, ACETYLENE SLUDGE PONDS. FACILITY DRIVE-BY ASP. A LARGE POND W/ RUN-OFF. Q RETURNED ON-SITE DISPOSAL OF ACETYLENE SLUDGE IN POND. AERIAL SURVEILLANCE AIR PHOTO-56,60,65 ALL SHOW POND ON SITE FACILITY DRIVE-BY ASAP. ACETYLEN SLUDGE POND. PHOTO TAKEN FACILITY DRIVE-BY CONFIRMED-ACETYLENE SLUDGE POND. FINAL STRATEGY SITE REFERRED: TO HWMB/ENF FACILITY DRIVE-BY ASP. TANKS NOTED. SLUDGE PIT NOT VISIBLE (LIQUID)SOURCE ACT: CETYLENE GAS,FILLING OF CARBON DIOXIDE,NITROUS OXIDE,OXYGEN, ARGON,NITROGEN,HELIUM,& FUEL GAS-FMG. FAC TYPE: CYLINDERS,COLLING TOWER.YR OF OPER: 1963-PRESENT. (M.G.)SOURCE ACT: SIR SEPARATION. OXYGEN MFG PLANT. FAC TYPE: UNLINED QUARRY PIT. WASTE: CAUSTIC BRINE WASTE. (AMERICAN)SOURCE ACT: MFG OF INDUST GAS IN AIR SEPARATION PLANT. FAC TYPE: LIME HOLDING TANKS,CAUSTIC SCRUBBING TOWERS, AIR SCRUBBERS. WASTE: LOW CHROMATE ZINC SULFURIC ACID,BIOCIDE-SODIUM,PENTA-CHLOR PHENATE(LESS 1PPM). (CAL)FOURCE ACT: STORAGE OF LIME WASTES. FAC TYPE: LIME SCRUBBER,TRAP,EARTH PIT, STORAGE TANK. SUBMIT TO EPA SITE SCREENING DONE WASTES STORED IN UNLINED PIT. REPORTED FOR PROP65 ON CORTESE LIST DHS RCVD SSI (SUMMARY REPORT)-EPA RECOM-MENDS NFA 5/17/90. CALSITES VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 27

Distance from Property: 0.96 mi. SE

SITE INFORMATION

ID#: **19280766** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

NAME: **LIQUID AIR**

ADDRESS: **8832 DICE ROAD**

SANTA FE SPRINGS, CA 90670

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **NOT REPORTED**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: * **MMONROY**

DTSC DIVISION BRANCH: **CLEANUP CYPRESS**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **HISTORICAL**

SITE TYPE DESCRIPTION

HISTORICAL: IDENTIFIES SITES FROM AN OLDER DATABASE WHERE NO SITE TYPE WAS IDENTIFIED. MOST OF THESE SITES HAVE A STATUS OF REFERRED OR NO FURTHER ACTION. DTSC IS WORKING TO CLEAN UP THIS DATA BY IDENTIFYING AN APPROPRIATE SITE TYPE FOR EACH "HISTORIC" SITE.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 2/6/2002 0)

REFER: RWQCB --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 28

Distance from Property: 0.96 mi. E

SITE INFORMATION

ID#: **60001721** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

NAME: **EARL MANUFACTURING**

ADDRESS: **11862 BURKE STREET**

SANTA FE SPRINGS, CA 90670

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **0**

LEAD AGENCY: **LOS ANGELES COUNTY**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: **DOUGLAS BAUTISTA**

DTSC DIVISION BRANCH: **CLEANUP CYPRESS**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **EVALUATION**

SITE TYPE DESCRIPTION

EVALUATION: IDENTIFIES SUSPECTED, BUT UNCONFIRMED, CONTAMINATED SITES THAT NEED OR HAVE GONE THROUGH AN INVESTIGATION AND ASSESSMENT PROCESS. IF A SITE IS FOUND TO HAVE CONFIRMED CONTAMINATION, IT WILL CHANGE FROM EVALUATION TO EITHER A STATE RESPONSE OR VOLUNTARY CLEANUP SITE TYPE. SITES FOUND TO HAVE NO CONTAMINATION AT THE COMPLETION OF THE INVESTIGATION AND ASSESSMENT PROCESS RESULT IN A NO ACTION REQUIRED (FOR PHASE 1 ASSESSMENTS) OR NO FURTHER ACTION (FOR PHASE 2 ASSESSMENTS) DETERMINATION.

DTSC's CURRENT INVOLVEMENT AT SITE (as of 4/25/1997)

NO FURTHER ACTION --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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ENVIROSTOR CLEANUP SITES (ENVIROSTOR)

MAP ID# 29

Distance from Property: 0.98 mi. W

SITE INFORMATION

ID#: **71002232** ASSESSOR'S PARCEL #: **NONE SPECIFIED**

NAME: **PICO RIVERA PLATING, INC.**

ADDRESS: **9307 E. BERMUDEZ STREET**

PICO RIVERA, CA 90660

COUNTY: **LOS ANGELES**

SITE SIZE (ACRES): **0**

LEAD AGENCY: **NONE SPECIFIED**

DTSC PROJECT MANAGER: **NOT REPORTED**

DTSC SUPERVISOR: **PHILIP CHANDLER**

DTSC DIVISION BRANCH: **CLEANUP CHATSWORTH**

NPL LISTED: **NO** RESTRICTED LAND USE: **NO**

SITE TYPE: **TIERED PERMIT**

SITE TYPE DESCRIPTION

NOT REPORTED

DTSC's CURRENT INVOLVEMENT AT SITE (as of 8/2/2012 0)

INACTIVE - NEEDS EVALUATION --

PAST USE/S THAT CAUSED THE CONTAMINATION

NONE SPECIFIED

CONFIRMED CONTAMINANTS OF CONCERN



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REPORT SUMMARY OF UNLOCATABLE SITES

DATABASE TYPE	SITE ID#	SITE NAME	ADDRESS	CITY	ZIP CODE
CORTESE	011189-13	AGRICULTURAL PROPERTY	SLAUSON AVE	WHITTIER	90602
CORTESE	3032	FACILITY 4005-1	P.O. BOX 2212	SANTA FE SPRINGS	90670
CORTESE	3036	FACILITY 5125-1	P.O. BOX 2212	SANTA FE SPRINGS	90670
CORTESE	3059	PARCELL RESIDENCE	P.O. BOX 2212	SANTA FE SPRINGS	90670



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CORTESE LIST (CORTESE)

FACILITY INFORMATION

ID#: 011189-13

NAME: AGRICULTURAL PROPERTY

ADDRESS: SLAUSON AVE
WHITTIER CA



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CORTESE LIST (CORTESE)

FACILITY INFORMATION

ID#: 3032

NAME: FACILITY 4005-1

ADDRESS: P.O. BOX 2212
SANTA FE SPRINGS CA



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CORTESE LIST (CORTESE)

FACILITY INFORMATION

ID#: 3036

NAME: FACILITY 5125-1

ADDRESS: P.O. BOX 2212
SANTA FE SPRINGS CA



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CORTESE LIST (CORTESE)

FACILITY INFORMATION

ID#: 3059

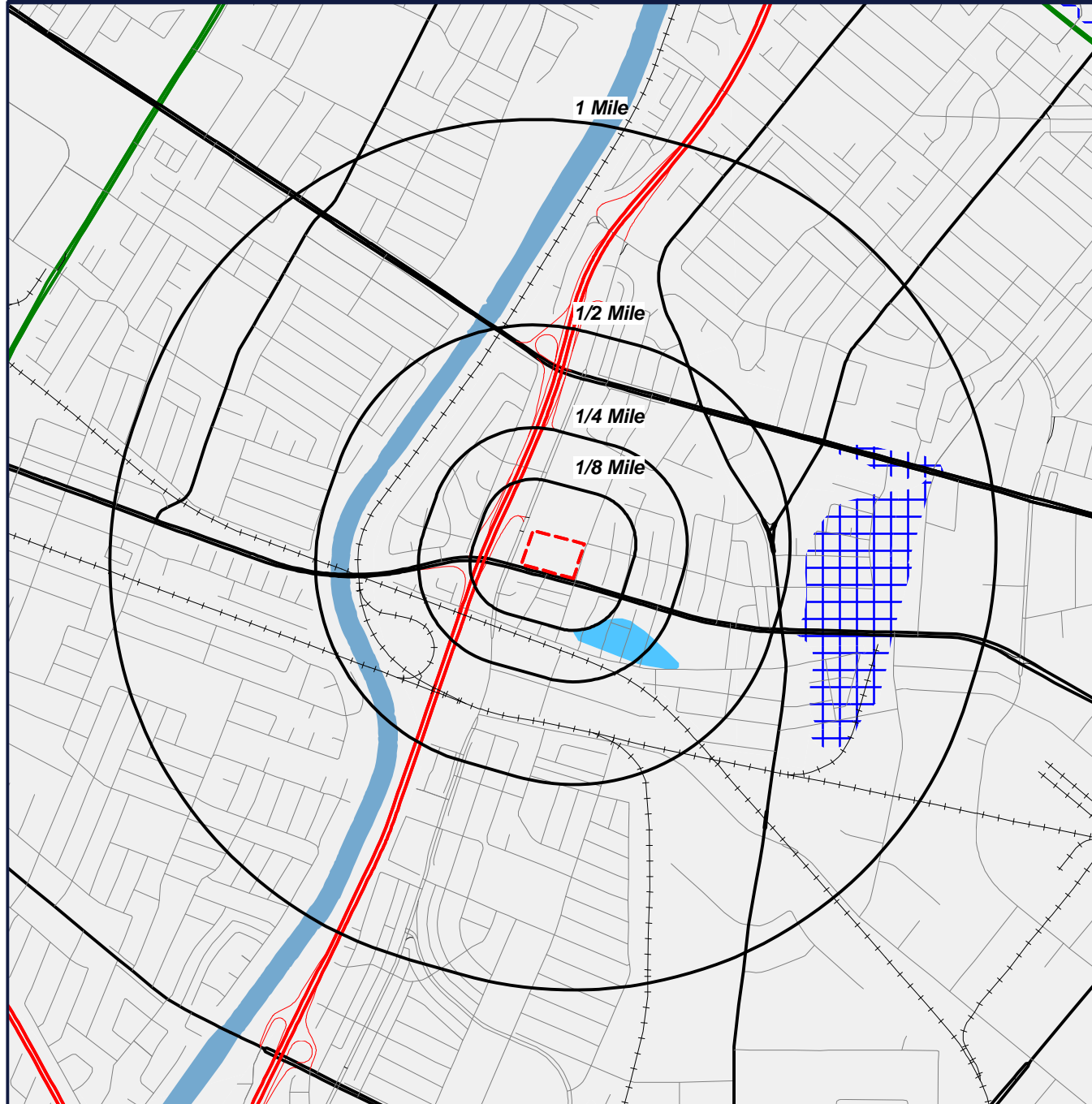
NAME: PARCELL RESIDENCE

ADDRESS: P.O. BOX 2212
SANTA FE SPRINGS CA



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FEMA MAP



Target Property (TP)

**Pioneer High School Stadium
Improvements
10800 Benavon Street
Whittier, California
90606**

Panel #: 0650430935B

- | | | | |
|--|------------|--|----------------------------------|
| | ZONE A | | ZONE X |
| | ZONE AE | | ZONE X500 |
| | ZONE AH | | NDA - DIGITAL DATA NOT AVAILABLE |
| | ZONE ANI | | |
| | ZONE D | | |
| | ZONE UNDES | | |
| | ZONE V | | |
| | ZONE VE | | |



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FEDERAL EMERGENCY MANAGEMENT AGENCY REPORT

FEMA - Federal Emergency Management Agency

The information used in this report is derived from the Federal Emergency Management Agency (FEMA). The Q3 Flood Data is developed by electronically scanning the current effective map panels of existing paper Flood Insurance Rate Maps (FIRMs). Certain key features are digitally captured and then converted into area features, such as floodplain boundaries. Q3 Flood Data captures certain key features from the existing paper FIRMs, including:

- 100-year and 500-year (1% and 0.2% annual chance) floodplain areas, including Zone V areas, certain floodway areas (when present on the FIRM), and zone designations
- Coastal Barrier Resources Act (COBRA) areas
- FIRM panel areas, including panel number and suffix

This data was last updated between 1996 and 2000 and is available in select counties throughout the United States.

FEMA Flood Zone Definitions Relevant to Map

A Zone A

An area inundated by 100 year flooding. No BFEs (base flood elevations) determined.

X Zone X

An area that is determined to be outside the 100 and 500 year floodplains.

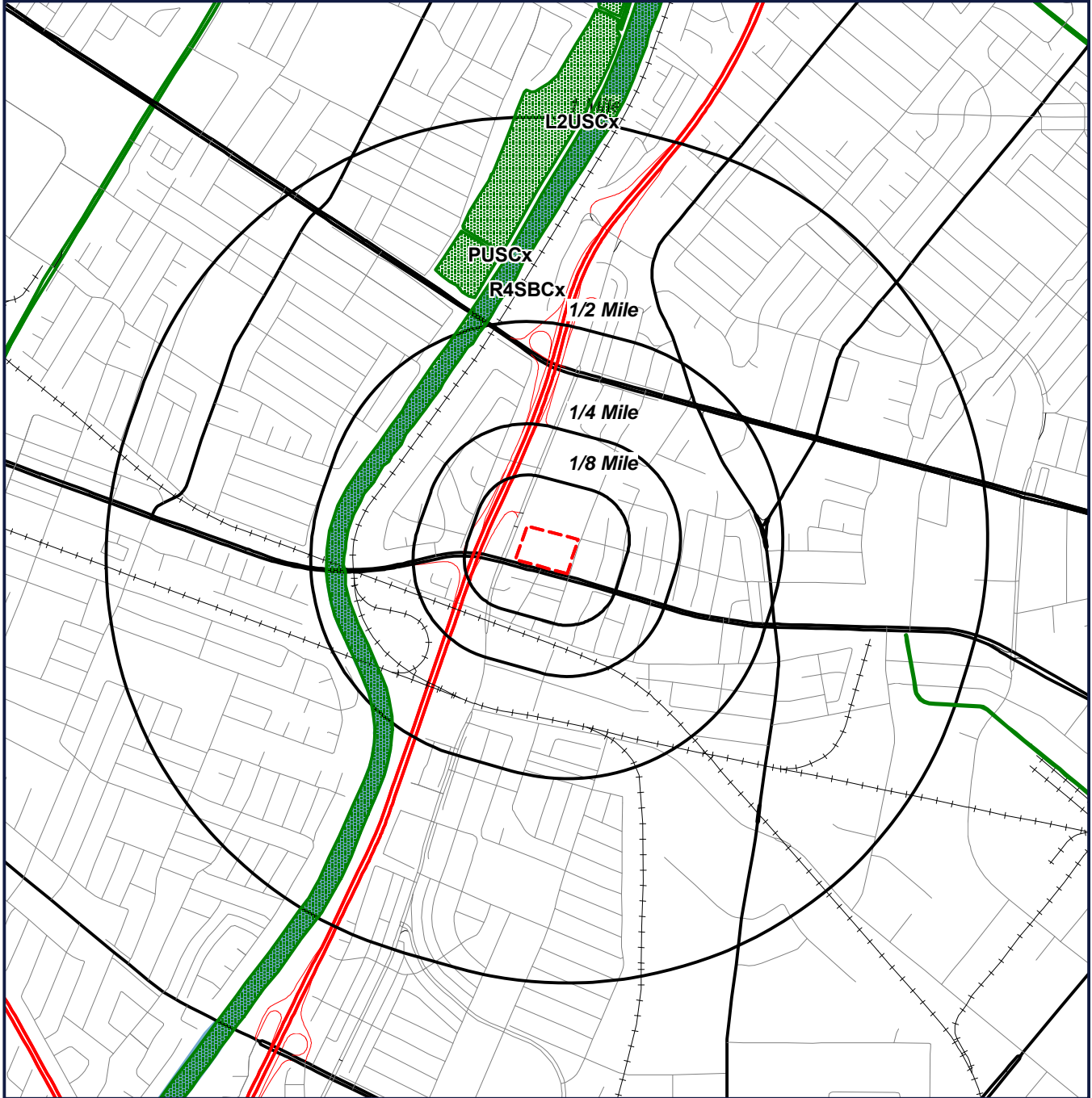
X500 Zone X500 (0.2% Annual Chance)

An area inundated by 500-year flooding; an area inundated by 100-year flooding with average depths of less than 1 foot or with drainage areas less than 1 square mile; or an area protected by levees from 100-year flooding.



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NWI MAP



 Target Property (TP)

 NWI BOUNDARY

 NDA - DIGITAL DATA NOT AVAILABLE

**Pioneer High School Stadium
Improvements
10800 Benavon Street
Whittier, California
90606**



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NATIONAL WETLANDS INVENTORY REPORT

NWI - National Wetlands Inventory

The US NWI digital data bundle is a set of records of wetlands location and classification as defined by the U.S. Fish & Wildlife Service. This dataset is one of a series available in 7.5 minute by 7.5 minute blocks containing ground planimetric coordinates of wetlands point, line, and area features and wetlands attributes. When completed, the series will provide coverage for all of the contiguous United States, Hawaii, Alaska, and U.S. protectorates in the Pacific and Caribbean. The digital data as well as the hardcopy maps that were used as the source for the digital data are produced and distributed by the U.S. Fish & Wildlife Service's National Wetlands Inventory project. Currently, this data is only available in select counties throughout the United States.

NWI Definitions Relevant to Map

L2USC_x

SYSTEM: **LACUSTRINE**
SUBSYSTEM: **LITTORAL**
CLASS: **UNCONSOLIDATED SHORE**
WATER REGIME: **SEASONALLY FLOODED**
SPECIAL MODIFIER: **EXCAVATED**

PUSC_x

SYSTEM: **PALUSTRINE**
CLASS: **UNCONSOLIDATED SHORE**
WATER REGIME: **SEASONALLY FLOODED**
SPECIAL MODIFIER: **EXCAVATED**

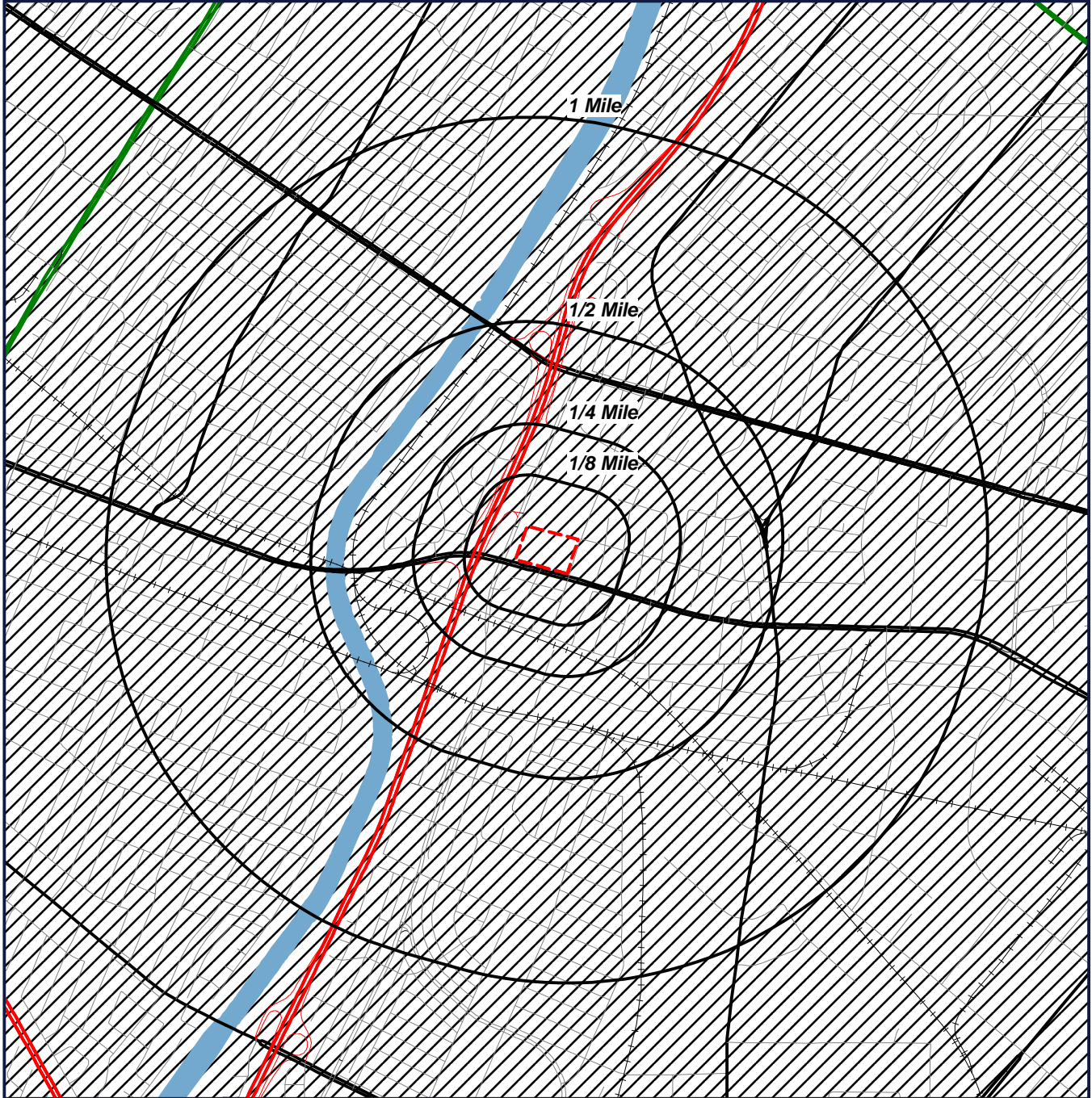
R4SBC_x

SYSTEM: **RIVERINE**
SUBSYSTEM: **INTERMITTENT**
CLASS: **STREAMBED**
WATER REGIME: **SEASONALLY FLOODED**
SPECIAL MODIFIER: **EXCAVATED**



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SOIL SURVEY MAP



 Target Property (TP)

 SOIL BOUNDARY

 NDA - DIGITAL DATA NOT AVAILABLE

**Pioneer High School Stadium
Improvements
10800 Benavon Street
Whittier, California
90606**



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SOIL SURVEY REPORT

Soil Surveys

The soil data used in this report is obtained from the Natural Resources Conservation Service (NRCS). The NRCS is the primary federal agency that works with private landowners to help them conserve, maintain and improve their natural resources. The soil survey contains information that can be applied in managing farms and ranches; in selecting sites for roads, ponds, buildings and other structures; and in determining the suitability of tracts of land for farming, industry and recreation. This data is available in select counties throughout the United States.

Soil Code Definitions Relevant to Map

NDA - DIGITAL DATA NOT AVAILABLE



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

AIRSAFS Aerometric Information Retrieval System / Air Facility Subsystem

VERSION DATE: 8/2012

The United States Environmental Protection Agency (EPA) modified the Aerometric Information Retrieval System (AIRS) to a database that exclusively tracks the compliance of stationary sources of air pollution with EPA regulations: the Air Facility Subsystem (AFS). Since this change in 2001, the management of the AIRS/AFS database was assigned to EPA's Office of Enforcement and Compliance Assurance.

BF Brownfields Management System

VERSION DATE: 10/2012

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. The United States Environmental Protection Agency maintains this database to track activities in the various brown field grant programs including grantee assessment, site cleanup and site redevelopment.

BRS Biennial Reporting System

VERSION DATE: 12/2009

The United States Environmental Protection Agency (EPA), in cooperation with the States, biennially collects information regarding the generation, management, and final disposition of hazardous wastes regulated under the Resource Conservation and Recovery Act of 1976 (RCRA), as amended. The Biennial Report captures detailed data on the generation of hazardous waste from large quantity generators and data on waste management practices from treatment, storage and disposal facilities. Currently, the EPA states that data collected between 1991 and 1997 was originally a part of the defunct Biennial Reporting System and is now incorporated into the RCRAInfo data system.

CDL Clandestine Drug Laboratory Locations

VERSION DATE: 3/2012

The U.S. Department of Justice ("the Department") provides this information 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. The Department does not establish, implement, enforce, or certify compliance with clean-up or remediation standards for contaminated sites; the public should contact a state or local health department or environmental protection agency for that information.



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

CERCLIS Comprehensive Environmental Response, Compensation & Liability Information System

VERSION DATE: 10/2012

CERCLIS is the repository for site and non-site specific Superfund information in support of the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA). This United States Environmental Protection Agency database contains an extract of sites that have been investigated or are in the process of being investigated for potential environmental risk.

DNPL Delisted National Priorities List

VERSION DATE: 10/2012

This database includes sites from the United States Environmental Protection Agency's Final National Priorities List (NPL) where remedies have proven to be satisfactory or sites where the original analyses were inaccurate, and the site is no longer appropriate for inclusion on the NPL, and final publication in the Federal Register has occurred.

DOCKETS EPA Docket Data

VERSION DATE: 12/2005

The United States Environmental Protection Agency Docket data lists Civil Case Defendants, filing dates as far back as 1971, laws broken including section, violations that occurred, pollutants involved, penalties assessed and superfund awards by facility and location. Please refer to ICIS database as source of current data.

DOD Department of Defense Sites

VERSION DATE: 12/2005

This information originates from the National Atlas of the United States Federal Lands data, which includes lands owned or administered by the Federal government. Army DOD, Army Corps of Engineers DOD, Air Force DOD, Navy DOD and Marine DOD areas of 640 acres or more are included.

EC Federal Engineering Institutional Control Sites

VERSION DATE: 11/2012

This database includes site locations where Engineering and/or Institutional Controls have been identified as part of a selected remedy for the site as defined by United States Environmental Protection Agency official remedy decision documents. A site listing does not indicate that the institutional and engineering controls are currently in place nor will be in place once the remedy is complete; it only indicates that the decision to include either of them in the remedy is documented as of the completed date of the document. Institutional controls are actions, such as legal controls, that help minimize the potential for human exposure to contamination by ensuring appropriate land or resource use. Engineering controls include caps, barriers, or other device engineering to prevent access, exposure, or continued migration of contamination.



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

ERNSCA Emergency Response Notification System

VERSION DATE: 12/2011

This National Response Center database contains data on reported releases of oil, chemical, radiological, biological, and/or etiological discharges into the environment anywhere in the United States and its territories. The data comes from spill reports made to the U.S. Environmental Protection Agency, U.S. Coast Guard, the National Response Center and/or the U.S. Department of Transportation.

FRSCA Facility Registry System

VERSION DATE: 5/2012

The United States Environmental Protection Agency's Office of Environmental Information (OEI) developed the Facility Registry System (FRS) as the centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest. The Facility Registry System replaced the Facility Index System or FINDS database.

FUDS Formerly Used Defense Sites

VERSION DATE: 10/2011

The 2010 FUDS inventory includes properties previously owned by or leased to the United States and under Secretary of Defense jurisdiction. The remediation of these properties is the responsibility of the Department of Defense.

HISTPST Historical Gas Stations

VERSION DATE: 7/1930

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

HMIRSR09 Hazardous Materials Incident Reporting System

VERSION DATE: 6/2012

The HMIRS database contains unintentional hazardous materials release information reported to the U.S. Department of Transportation located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

ICIS Integrated Compliance Information System (formerly DOCKETs)

VERSION DATE: 8/2012

ICIS is a case activity tracking and management system for civil, judicial, and administrative federal Environmental Protection Agency enforcement cases. ICIS contains information on federal administrative and federal judicial cases under the following environmental statutes: the Clean Air Act, the Clean Water Act, the Resource Conservation and Recovery Act, the Emergency Planning



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

and Community Right-to-Know Act - Section 313, the Toxic Substances Control Act, the Federal Insecticide, Fungicide, and Rodenticide Act, the Comprehensive Environmental Response, Compensation, and Liability Act, the Safe Drinking Water Act, and the Marine Protection, Research, and Sanctuaries Act.

ICISNPDES Integrated Compliance Information System National Pollutant Discharge Elimination System
VERSION DATE: 8/2012

In 2006, the Integrated Compliance Information System (ICIS) - National Pollutant Discharge Elimination System (NPDES) became the NPDES national system of record for select states, tribes and territories. ICIS-NPDES is an information management system maintained by the United States Environmental Protection Agency's Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. ICIS-NPDES is designed to support the NPDES program at the state, regional, and national levels.

LUCIS Land Use Control Information System
VERSION DATE: 9/2006

The LUCIS database is maintained by the U.S. Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

MLTS Material Licensing Tracking System
VERSION DATE: 2/2012

MLTS is a list of approximately 8,100 sites which have or use radioactive materials subject to the United States Nuclear Regulatory Commission (NRC) licensing requirements.

NFRAP No Further Remedial Action Planned Sites
VERSION DATE: 10/2012

This database includes sites which have been determined by the United States Environmental Protection Agency, following preliminary assessment, to no longer pose a significant risk or require further activity under CERCLA. After initial investigation, no contamination was found, contamination was quickly removed or contamination was not serious enough to require Federal Superfund action or NPL consideration.

NLRRCRAC No Longer Regulated RCRA Corrective Action Facilities
VERSION DATE: 11/2012

This database includes RCRA Corrective Action facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements.



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

NLRRCRAG No Longer Regulated RCRA Generator Facilities

VERSION DATE: 11/2012

This database includes RCRA Generator facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly generated hazardous waste.

Large Quantity Generators: Generate 1,000 kg or more of hazardous waste during any calendar month; or Generate more than 1 kg of acutely hazardous waste during any calendar month; or Generate 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, or acutely hazardous waste during any calendar month; or Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1kg of acutely hazardous waste at any time; or Generate 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 accumulated more than 100 kg of that material at any time.

Small Quantity Generators: Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Conditionally Exempt Small Quantity Generators: Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 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, or acutely hazardous waste; or Generate 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, or acutely hazardous waste during any calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 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.

NLRRCRAT No Longer Regulated RCRA Non-CORRACTS TSD Facilities

VERSION DATE: 11/2012

This database includes RCRA Non-Corrective Action TSD facilities that are no longer regulated by the United States Environmental Protection Agency or do not meet other RCRA reporting requirements. This listing includes facilities that formerly treated, stored or disposed of hazardous waste.

NPDES09 National Pollutant Discharge Elimination System

VERSION DATE: 4/2007

Information in this database is extracted from the Water Permit Compliance System (PCS) database which is used by United States Environmental Protection Agency to track surface water permits issued under the Clean Water Act. This database includes permitted facilities located in



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ENVIRONMENTAL RECORDS DEFINITIONS - FEDERAL

EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa. The NPDES database was collected from December 2002 until April 2007. Refer to the PCS and/or ICIS-NPDES database as source of current data.

NPL National Priorities List

VERSION DATE: 10/2012

This database includes United States Environmental Protection Agency (EPA) National Priorities List sites that fall under the EPA's Superfund program, established to fund the cleanup of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action.

ODI Open Dump Inventory

VERSION DATE: 6/1985

The open dump inventory was published by the United States Environmental Protection Agency. An "open dump" is defined as a facility or site where solid waste is disposed of which is not a sanitary landfill which meets the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944) and which is not a facility for disposal of hazardous waste. This inventory has not been updated since June 1985.

PADS PCB Activity Database System

VERSION DATE: 10/2011

The PCB Activity Database System (PADS) is used by the United States Environmental Protection Agency to monitor the activities of polychlorinated biphenyls (PCB) handlers.

PCSR09 Permit Compliance System

VERSION DATE: 8/2012

The Permit Compliance System is used in tracking enforcement status and permit compliance of facilities controlled by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act and is maintained by the United States Environmental Protection Agency's Office of Compliance. PCS is designed to support the NPDES program at the state, regional, and national levels. This database includes permitted facilities located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

PNPL Proposed National Priorities List

VERSION DATE: 10/2012

This database contains sites proposed to be included on the National Priorities List (NPL) in the Federal Register. The United States Environmental Protection Agency investigates these sites to



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determine if they may present long-term threats to public health or the environment.

RCRAC Resource Conservation & Recovery Act - Corrective Action Facilities

VERSION DATE: 11/2012

This database includes hazardous waste sites listed with corrective action activity in the RCRAInfo system. The Corrective Action Program requires owners or operators of RCRA facilities (or treatment, storage, and disposal facilities) to investigate and cleanup contamination in order to protect human health and the environment. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

RCRAGR09 Resource Conservation & Recovery Act - Generator Facilities

VERSION DATE: 11/2012

This database includes sites listed as generators of hazardous waste (large, small, and exempt) in the RCRAInfo system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). This database includes sites located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

Large Quantity Generators: Generate 1,000 kg or more of hazardous waste during any calendar month; or Generate more than 1 kg of acutely hazardous waste during any calendar month; or Generate 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, or acutely hazardous waste during any calendar month; or Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1kg of acutely hazardous waste at any time; or Generate 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 accumulated more than 100 kg of that material at any time.

Small Quantity Generators: Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.

Conditionally Exempt Small Quantity Generators: Generate 100 kilograms or less of hazardous waste per calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 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, or



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acutely hazardous waste; or Generate 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, or acutely hazardous waste during any calendar month, and accumulate at any time: 1 kg or less of acutely hazardous waste; or 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.

RCRASC RCRA Sites with Controls

VERSION DATE: 6/2012

This list of Resource Conservation and Recovery Act sites with institutional controls in place is provided by the U.S. Environmental Protection Agency.

RCRAT Resource Conservation & Recovery Act - Treatment, Storage & Disposal Facilities

VERSION DATE: 11/2012

This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste in the RCRAInfo system. The United States Environmental Protection Agency defines RCRAInfo as the comprehensive information system which provides access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS).

RODS Record of Decision System

VERSION DATE: 8/2012

These decision documents maintained by the United States Environmental Protection Agency describe the chosen remedy for NPL (Superfund) site remediation. They also include site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, and scope and role of response action.

SFLIENS CERCLIS Liens

VERSION DATE: 6/2012

A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which United States Environmental Protection Agency 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. This database contains those CERCLIS sites where the Lien on Property action is complete.



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SSTS Section Seven Tracking System

VERSION DATE: 12/2009

The United States Environmental Protection Agency tracks information on pesticide establishments through the Section Seven Tracking System (SSTS). SSTS records the registration of new establishments and records pesticide production at each establishment. The Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) requires that production of pesticides or devices be conducted in a registered pesticide-producing or device-producing establishment. ("Production" includes formulation, packaging, repackaging, and relabeling.)

TRI Toxics Release Inventory

VERSION DATE: 12/2010

The Toxics Release Inventory, provided by the United States Environmental Protection Agency, includes data on toxic chemical releases and waste management activities from certain industries as well as federal facilities. This inventory contains information about the types and amounts of toxic chemicals that are released each year to the air, water, and land as well as information on the quantities of toxic chemicals sent to other facilities for further waste management.

TSCA Toxic Substance Control Act Inventory

VERSION DATE: 12/2006

The Toxic Substances Control Act (TSCA) was enacted in 1976 to ensure that chemicals manufactured, imported, processed, or distributed in commerce, or used or disposed of in the United States do not pose any unreasonable risks to human health or the environment. TSCA section 8(b) provides the United States Environmental Protection Agency authority to "compile, keep current, and publish a list of each chemical substance that is manufactured or processed in the United States." This TSCA Chemical Substance Inventory contains non-confidential information on the production amount of toxic chemicals from each manufacturer and importer site.

ENVIRONMENTAL RECORDS DEFINITIONS - STATE (CA)

ABST Above Ground Storage Tanks

VERSION DATE: 12/2007

This database contains aboveground storage tank facilities registered with the California State Water Resources Control Board (SWRCB). Since 2006, tanks were required to contain a minimum (even as cumulative) of 1320 gallons to be in the program. As of January 1, 2008, the SWRCB no longer maintains a list of registered aboveground storage tanks, due to effective Assembly Bill No. 1130 (Laird) of the Aboveground Petroleum Storage Act (APSA). This Bill authorized the Certified Unified Program Agencies to implement and administer the requirements of the APSA.

CALSITES CALSITES Database

VERSION DATE: 9/2004

This historical database was maintained by the Department of Toxic Substance Control for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

CDL Clandestine Drug Labs

VERSION DATE: 7/2012

The California Department of Toxic Substance Control (DTSC) provides this listing of illegal drug laboratories. Pursuant to Section 25354.5 of the California Health and Safety Code, DTSC conducts emergency removal actions at clandestine drug labs at the request of State and local law enforcement agencies. DTSC's contractors typically remove hazardous substances that may pose an immediate threat to public health and the environment while the enforcement officials are on scene. During the emergency removal actions, contractors remove and properly dispose of contaminated lab equipment, chemicals used to make the illegal drugs (usually methamphetamine), lab chemical wastes, and other grossly contaminated materials. DTSC does not perform additional assessment work beyond standard emergency removal actions and makes no further determination regarding the need for future cleanup work at the emergency removal location. The reported location information may or may not include the actual location of the illegal drug lab. The DTSC does not guarantee the accuracy of the address or location information or the condition of the location listed.

CHMIRS California Hazardous Material Incident Report System

VERSION DATE: 9/2012

The California Hazardous Material Incident Report System database is provided by the California Emergency Management Agency. This database contains accidental or spill release information from reported hazardous material incidents since 1993.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (CA)

CLEANER Dry Cleaner Facilities

VERSION DATE: 4/2012

This database, created by accessing the California Department of Toxic Substances Control's (DTSC) Hazardous Waste Tracking System, includes dry cleaner facilities that have registered EPA identification numbers. These facilities are categorized with one of the following NAICS Codes: 81231 or 81232. This database may also include facilities other than dry cleaners who also register with these same NAICS Codes. Not all companies report their NAICS/SIC Codes to the DTSC and therefore this database may exclude registered dry cleaner facilities with incomplete classification information.

CLEANUPSITES GeoTracker Cleanup Sites

VERSION DATE: 8/2012

This GeoTracker Cleanup Sites database is maintained by the California Regional Water Quality Control Board (RWQCB). The database contains contaminated sites that impact groundwater or have the potential to impact ground water, including spills, investigations, cleanup recoveries and reported leaking underground storage tank incidents.

CORTESE Cortese List

VERSION DATE: 11/2002

This historical listing includes hazardous waste and substances sites designated by the State Water Resources Control Board (LUST), the Integrated Waste Board (SWIS), and the Department of Toxic Substance Control (CALSITES). The Cortese List was utilized by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites.

DTSCDR DTSC Deed Restrictions

VERSION DATE: 1/2012

The California Department of Toxic Substances Control (DTSC) maintains this listing of sites with deed restrictions. According to the DTSC, restricted land use indicates whether the site or area within the site has an environmental restriction recorded and/or other institutional control preventing certain types of land use or activities. The land use restrictions listed under the site management requirements are only an abbreviated summary of the land use restrictions, and may not encompass all restrictions and notification requirements placed on a property. For complete land use restriction information please contact the DTSC to review associated Land Use Restriction documents.

DTSCHWT DTSC Registered Hazardous Waste Transporters

VERSION DATE: 10/2012

The Department of Toxic Substances Control provides this list of Registered Hazardous Waste



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Transporters.

EMI Emissions Inventory Data

VERSION DATE: 12/2008

The Air Resources Board's Emissions Inventory Database contains criteria pollutant data and toxic data on facilities throughout the state of California for the 2008 inventory year.

ENVIROSTOR EnviroStor Cleanup Sites

VERSION DATE: 10/2012

The Department of Toxic Substances Control (DTSC) has developed the EnviroStor database system to evaluate and track sites with confirmed or potential contamination and sites where further investigation may be necessary. This EnviroStor database of cleanup sites contains the following: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. Sites where DTSC has made a "No Action Required" determination are not included in this database, as these sites had assessments that revealed no evidence of recognized environmental conditions in connection with the property.

ENVIROSTORPC EnviroStor Permitted and Corrective Action Sites

VERSION DATE: 10/2012

The Department of Toxic Substances Control (DTSC) has developed the EnviroStor database system to evaluate and track sites with confirmed or potential contamination and sites where further investigation may be necessary. This EnviroStor database contains detailed information on hazardous waste permitted and corrective action facilities. Investigation and cleanup activities at hazardous waste facilities (either Resource Conservation and Recovery Act (RCRA) or State-only) that either were eligible for a permit or received a permit are called "corrective action." These facilities treated stored, disposed and/or transferred hazardous waste.

ERAP Expedited Removal Action Program Sites

VERSION DATE: 10/2012

The Expedited Remedial Action Program is a pilot project administered by the Department of Toxic Substances Control's Site Mitigation and Brownfields Reuse Program to promote the cleanup of up to 30 hazardous substance release sites. ERAP provides significant incentives for redevelopment of contaminated properties by promoting cleanups based on the planned land use, by providing a covenant not to sue, and by outlining a fair and equitable liability scheme.



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HISTUST Historical Underground Storage Tanks

VERSION DATE: 12/1987

The Hazardous Substance Storage Container Database is a historical list of Underground Storage Tank sites, compiled from tank survey and registration information collected at one time between 1984 and 1987 by the State Water Resources Control Board. The hazardous substances stored within these tanks includes, but not restricted to, petroleum products, industrial solvents, and other materials.

HWTS Hazardous Waste Tanner Summary

VERSION DATE: 12/2011

This data is prepared from information extracted from copies of hazardous waste manifests received each year by the Department of Toxic Substances Control. The Hazardous Waste Summary Report (Tanner Report) currently includes manifest data from the 1993 through the 2011 reporting years.

LIENS Recorded Environmental Cleanup Liens

VERSION DATE: 9/2012

The California Department of Toxic Substance Control (DTSC) maintains this listing of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

LUST Leaking Underground Storage Tanks

VERSION DATE: 6/2008

This database is maintained by the State Water Resources Control Board. LUST records contain an inventory of reported leaking underground storage tank incidents. Please refer to the CLEANUPSITES database as source of current data.

MWMP California Medical Waste Management Program Facility List

VERSION DATE: 8/2012

To protect the public and the environment from potential infectious exposure to disease causing agents, the Medical Waste Management Program (MWMP), in the Environmental Management Branch of the California Department of Public Health, regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (CA)

NFA No Further Action Determination

VERSION DATE: 7/2005

The NFA listing contains properties at which the Department of Toxic Substance Control has made a clear determination that the property does not pose a problem to the environment or to public health.

NFE Sites Needing Further Evaluation

VERSION DATE: 7/2005

The NFE listing contains properties that the Department of Toxic Substance Control suspects with possible contamination. These are unconfirmed contaminated properties that need further assessment.

NPDES National Pollutant Discharge Elimination System Facilities

VERSION DATE: 11/2012

This State Water Resources Control Board database contains NPDES permits, including stormwater general permit enrollees that are active or have been active within the past three years. NPDES permits are required from all facilities that discharge their wastewater from a point source into a waterbody.

PROC Listing of Certified Processors

VERSION DATE: 8/2012

Listing of Certified Processors that are operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

REF Referred to Another Local or State Agency

VERSION DATE: 7/2005

The REF listing contains properties where contamination has not been confirmed and which were determined as not requiring direct Department of Toxic Substance Control Site Mitigation Program action or oversight. Accordingly, these sites have been referred to another state or local regulatory agency.

SCH School Property Evaluations

VERSION DATE: 7/2005

The SCH listing contains proposed and existing school sites that are being evaluated by Department of Toxic Substance Control 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.



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SLIC Spills, Leaks, Investigation & Cleanup Recovery Listing

VERSION DATE: 6/2008

These records are maintained by the California Regional Water Quality Control Board (RWQCB). This list includes contaminated sites that impact groundwater or have the potential to impact ground water. Please refer to CLEANUPSITES database as source of current data.

SWEEPS Statewide Environmental Evaluation and Planning System

VERSION DATE: 10/1994

The Statewide Environmental Evaluation and Planning System (SWEEPS) contains a historical listing of active and inactive underground storage tank locations from the State Water Resources Control Board. The hazardous substances stored within these tanks includes, but not restricted to, petroleum products, industrial solvents, and other materials. Refer to CUPA listing for source of current data.

SWIS Solid Waste Information System Sites

VERSION DATE: 10/2012

The Solid Waste Information System (SWIS) database includes information on solid waste facilities, operations, and disposal sites located in California. This database is maintained by the California Department of Resources Recycling and Recovery.

SWRCY Recycling Centers

VERSION DATE: 8/2012

Listing of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program. This list is maintained by the Department of Conservation.

TOXPITS Toxic Pits Cleanup Act Sites

VERSION DATE: 7/1995

Toxic Pits are sites with possible contamination of hazardous substances where cleanup is necessary. This listing is no longer updated by the State Water Resources Control Board.

USTCUPA Underground Storage Tanks

VERSION DATE: 8/2012

An underground storage tank is an individual tank or group of tanks that store hazardous substances. Underground storage tanks are completely or considerably below the ground surface. This database contains UST permit data submitted from the Certified Unified Program Agencies (CUPA) directly to the State Water Resources Control Board. CUPA's are local agencies that have been certified by the California EPA to implement state environmental programs within the local agency's jurisdiction.



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ENVIRONMENTAL RECORDS DEFINITIONS - STATE (CA)

VCP Voluntary Cleanup Program

VERSION DATE: 9/2004

The California Voluntary Cleanup program provides regulatory oversight by the Department of Toxic Substance Control (DTSC) to project proponents desiring to address mitigation activities at sites which have lower health and/or environmental risk than sites which are currently being addressed by DTSC. Refer to Envirostor database as source of current data.

WMUDS Waste Management Unit Database

VERSION DATE: 1/2000

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.



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AOC San Gabriel Valley Areas of Concern

VERSION DATE: 1/2006

A listing of the San Gabriel Valley Superfund Sites located in Los Angeles County with Volatile Organic Compound groundwater contamination.

LAHMS Los Angeles County Hazardous Materials System

VERSION DATE: 2/2006

The Los Angeles County Department of Public Works maintains this listing of Industrial Waste and Underground Storage Tank sites.

LASM Los Angeles County Site Mitigation List

VERSION DATE: 12/2011

This listing of industrial sites with a reported spill or complaint is provided by the Site Mitigation Unit (SMU) of the Health Hazardous Materials Division, Los Angeles County Fire Department.

WIP Well Investigations Program Case List

VERSION DATE: 7/2009

The Well Investigations Case List for the San Gabriel and San Fernando Valley Cleanup Programs is maintained by the State Water Resources Control Board.



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INDIANRES Indian Reservations

VERSION DATE: 1/2000

The Department of Interior and Bureau of Indian Affairs maintains this database that includes American Indian Reservations, off-reservation trust lands, public domain allotments, Alaska Native Regional Corporations and Recognized State Reservations.

LUSTR09 Leaking Underground Storage Tanks On Tribal Lands

VERSION DATE: 2/2012

This database, provided by the United States Environmental Protection Agency (EPA), contains leaking underground storage tanks on Tribal lands located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.

ODINDIAN Open Dump Inventory on Tribal Lands

VERSION DATE: 11/2006

This Indian Health Service database contains information about facilities and sites on tribal lands where solid waste is disposed of, which are not sanitary landfills or hazardous waste disposal facilities, and which meet the criteria promulgated under section 4004 of the Solid Waste Disposal Act (42 U.S.C. 6944).

USTR09 Underground Storage Tanks On Tribal Lands

VERSION DATE: 2/2012

This database, provided by the United States Environmental Protection Agency (EPA), contains underground storage tanks on Tribal lands located in EPA Region 9. This region includes the following states: Arizona, California, Hawaii, Nevada, and the territories of Guam and American Samoa.



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Appendix D

Historical Aerial Photographs



Historical Aerials for GeoPreferred & GeoVantage

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000050928>

Click on link above to access the map and satellite view of current property

Target Property:

***Pioneer High School Stadium Improvements
10800 Benavon Street
Whittier, Los Angeles County, California 90606***

Prepared For:

Leighton Consulting

Order #: 21901

Job #: 50928

Project #: 10084001

PO #: 10084001RLO

Date: 12/14/2012

TARGET PROPERTY SUMMARY

Pioneer High School Stadium Improvements
10800 Benavon Street
Whittier, Los Angeles County, California 90606

USGS Quadrangle: **Whittier, CA**
Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):
(-118.079462, 33.966581), (-118.079462, 33.966581), (-118.079002, 33.967785), (-118.081167, 33.968261),
(-118.081668, 33.967074), (-118.079471, 33.966557), (-118.079462, 33.966581)

County/Parish Covered:
Los Angeles (CA)

Zipcode(s) Covered:
Pico Rivera CA: 90660
Santa Fe Springs CA: 90670
Whittier CA: 90606

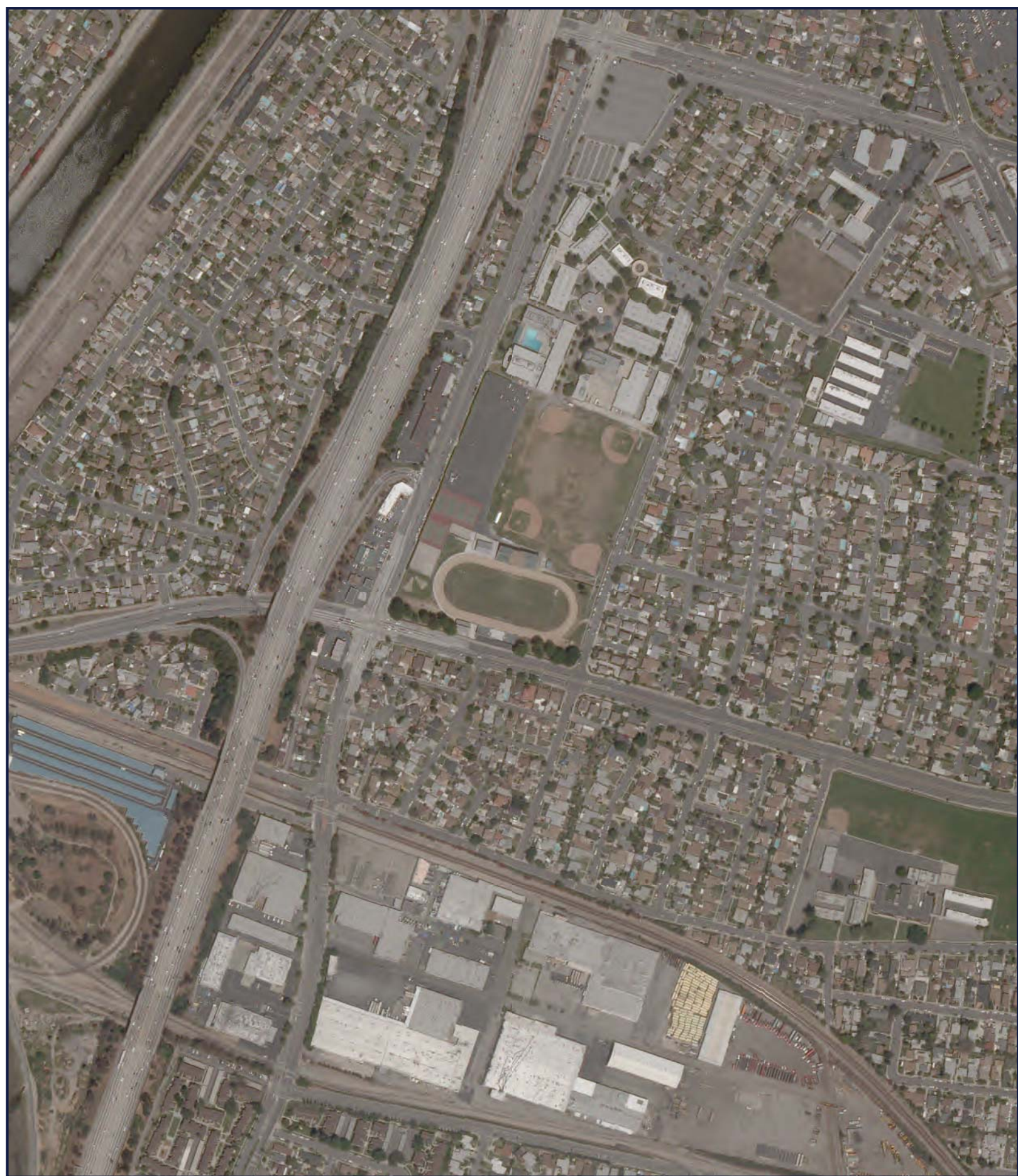
State(s) Covered:
CA

***Target property is located in Radon Zone 2.**
Zone 2 areas have a predicted average indoor radon screening level between 2 and 4 pCi/L
(picocuries per liter).

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JOB #: 50928 - 12/14/2012

SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
SOURCE: USDA
DATE: 4-25-2010
COUNTY: LOS ANGELES, CA
SCALE: 1" = 500'

GeoSearch



JOB #: 50928 - 12/14/2012

SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
SOURCE: USDA
DATE: 1998
COUNTY: LOS ANGELES, CA
SCALE: 1" = 500'

GeoSearch



JOB #: 50928 - 12/14/2012

SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
SOURCE: AERIAL MAP INDUSTRIES
DATE: 1-31-1982
COUNTY: LOS ANGELES, CA
SCALE: 1" = 500'

GeoSearch



JOB #: 50928 - 12/14/2012

SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
SOURCE: TELEDYNE
DATE: 3-12-1976
COUNTY: LOS ANGELES, CA
SCALE: 1" = 500'

GeoSearch



JOB #: 50928 - 12/14/2012

SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
SOURCE: TELEDYNE
DATE: 8-23-1968
COUNTY: LOS ANGELES, CA
SCALE: 1" = 500'

GeoSearch



JOB #: 50928 - 12/14/2012

SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
SOURCE: FAIRCHILD
DATE: 7-19-1956
COUNTY: LOS ANGELES, CA
SCALE: 1" = 500'

GeoSearch



JOB #: 50928 - 12/14/2012

SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
SOURCE: FAICILD
DATE: 6-22-1947
COUNTY: LOS ANGELES, CA
SCALE: 1" = 500'

GeoSearch



JOB #: 50928 - 12/14/2012

SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
SOURCE: USDA
DATE: 5-23-1938
COUNTY: LOS ANGELES, CA
SCALE: 1" = 500'

GeoSearch



JOB #: 50928 - 12/14/2012

SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
SOURCE: FAIRCHILD
DATE: 12-31-1928
COUNTY: LOS ANGELES, CA
SCALE: 1" = 500'

GeoSearch

Appendix E
Historical Topographic Maps



Historical Topographic Maps

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000050925>

Click on link above to access the map and satellite view of current property

Target Property:

***Pioneer High School Stadium Improvements
10800 Benavon Street
Whittier, Los Angeles County, California 90606***

Prepared For:

Leighton Consulting

Order #: 21901

Job #: 50925

Project #: 10084001

PO #: 10084001RLO

Date: 12/12/2012

TARGET PROPERTY SUMMARY

Pioneer High School Stadium Improvements
10800 Benavon Street
Whittier, Los Angeles County, California 90606

USGS Quadrangle: **Whittier, CA**
Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):
(-118.079462, 33.966581), (-118.079462, 33.966581), (-118.079002, 33.967785), (-118.081167, 33.968261),
(-118.081668, 33.967074), (-118.079471, 33.966557), (-118.079462, 33.966581)

County/Parish Covered:
Los Angeles (CA)

Zipcode(s) Covered:
Pico Rivera CA: 90660
Santa Fe Springs CA: 90670
Whittier CA: 90606

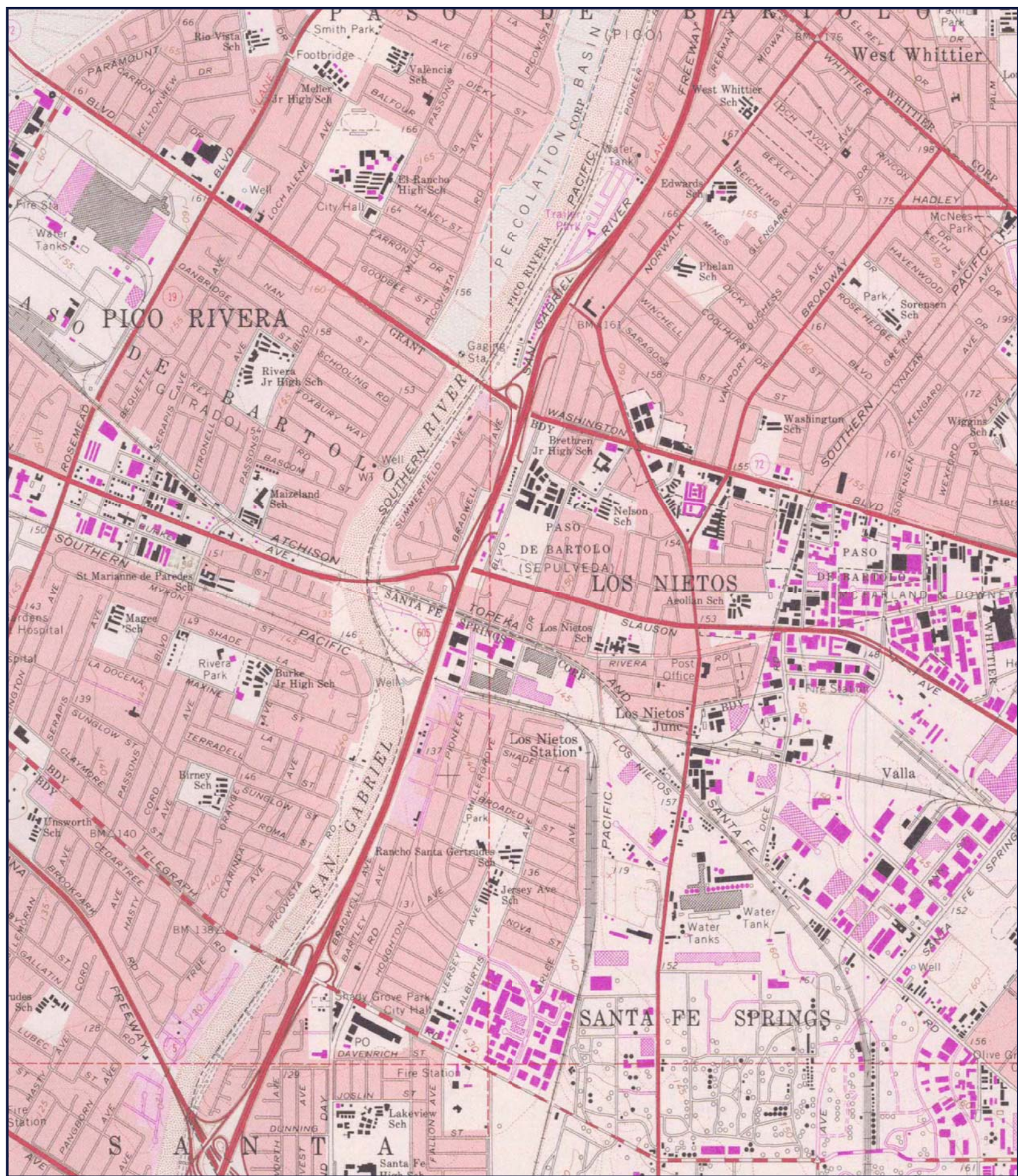
State(s) Covered:
CA

***Target property is located in Radon Zone 2.**
Zone 2 areas have a predicted average indoor radon screening level between 2 and 4 pCi/L
(picocuries per liter).

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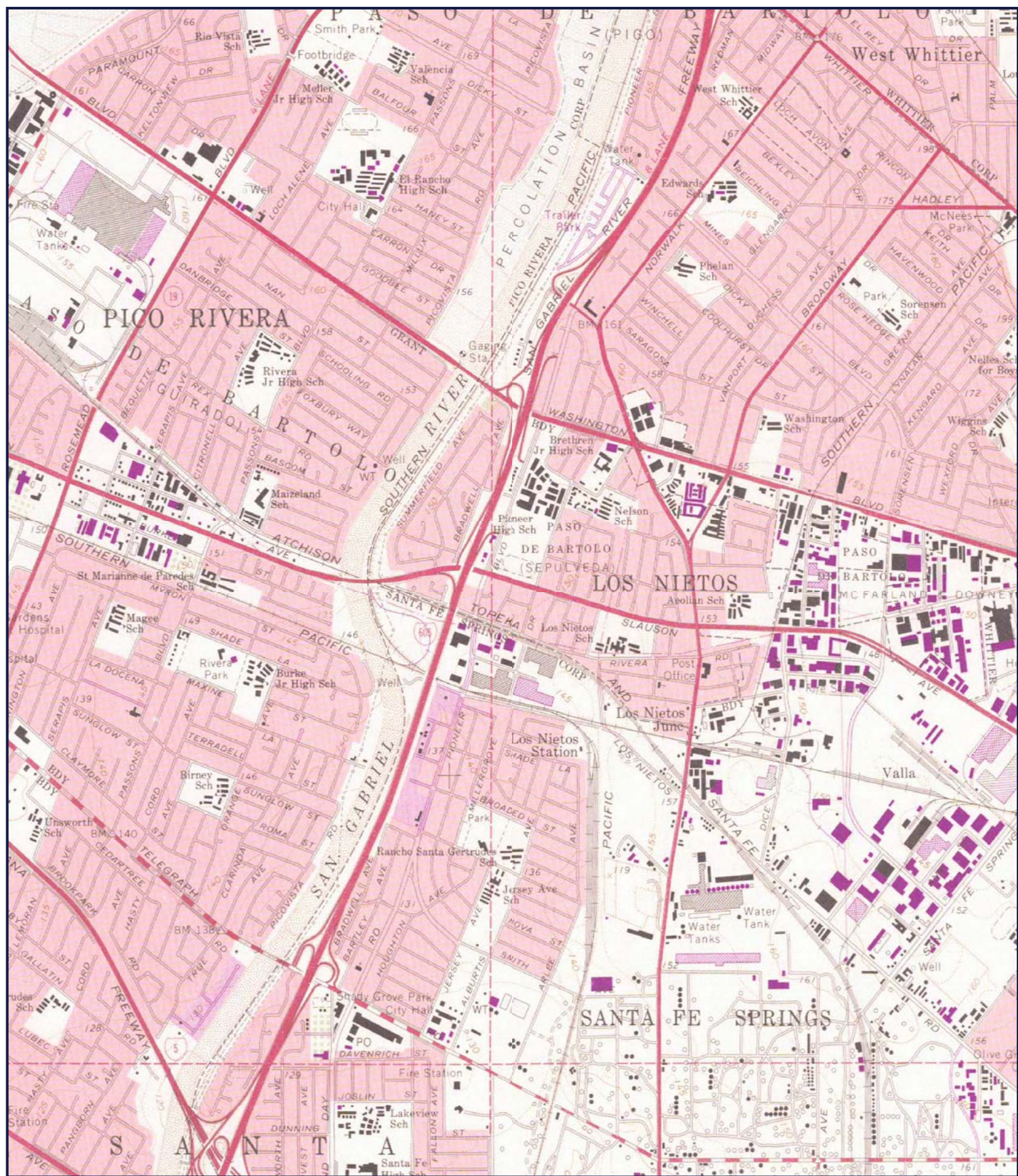


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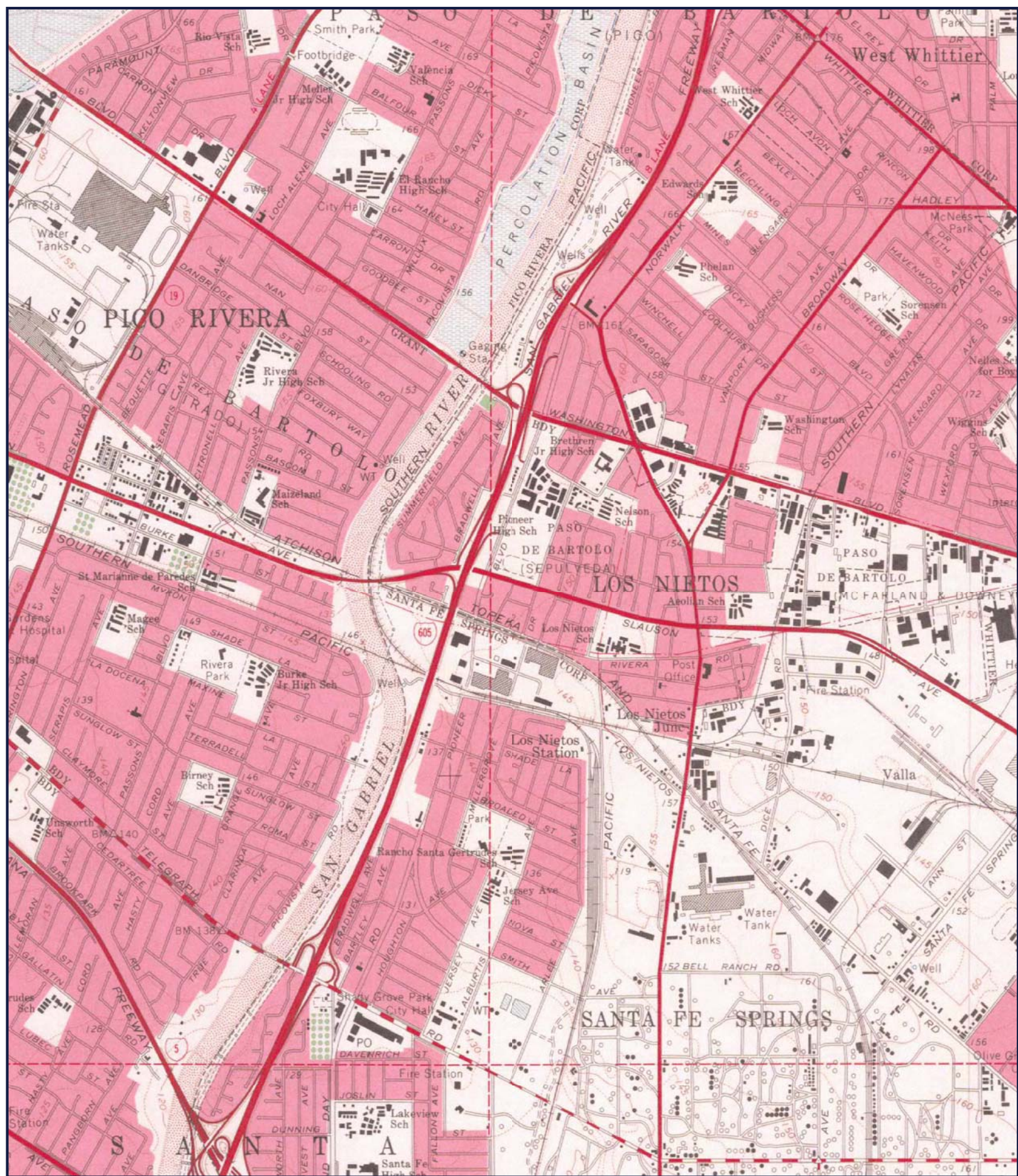
SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
QUAD: WHITTIER, CA
DATE: 1965 PHOTOREVISED 1981
SCALE: 1 : 24,000





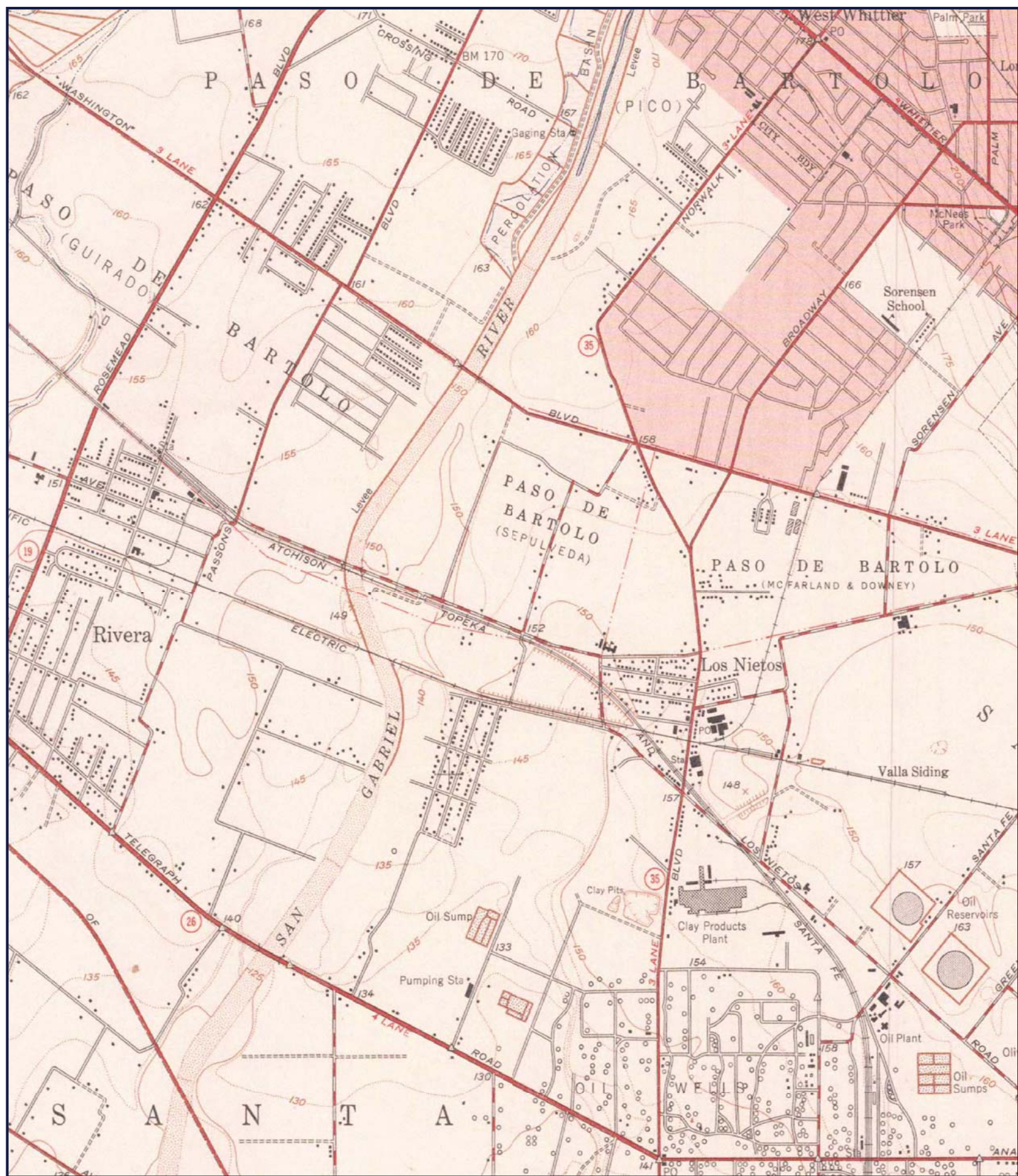
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QUAD: WHITTIER, CA
DATE: 1965 PHOTOREVISED 1972
SCALE: 1 : 24,000





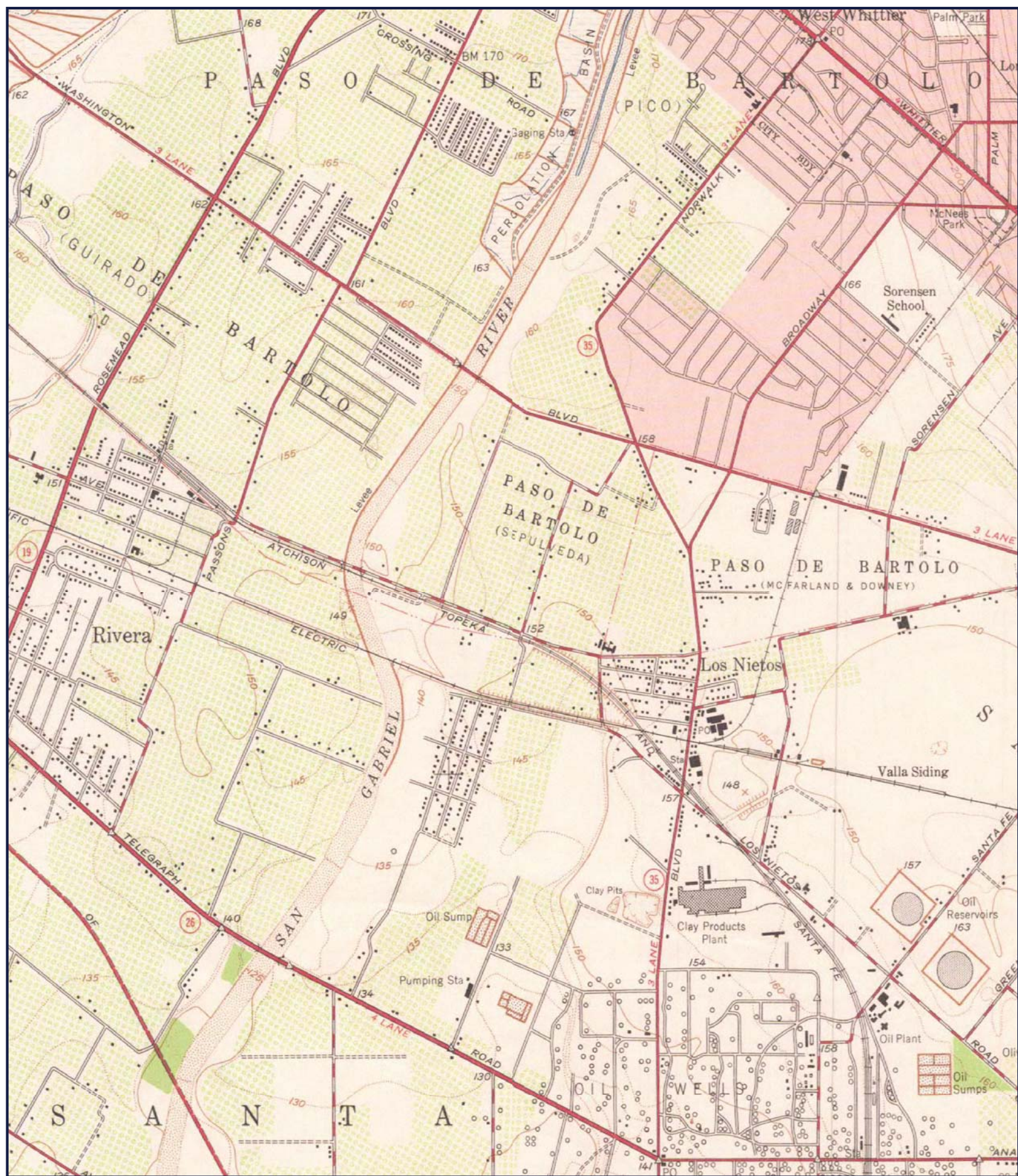
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QUAD: WHITTIER, CA
DATE: 1965
SCALE: 1 : 24,000





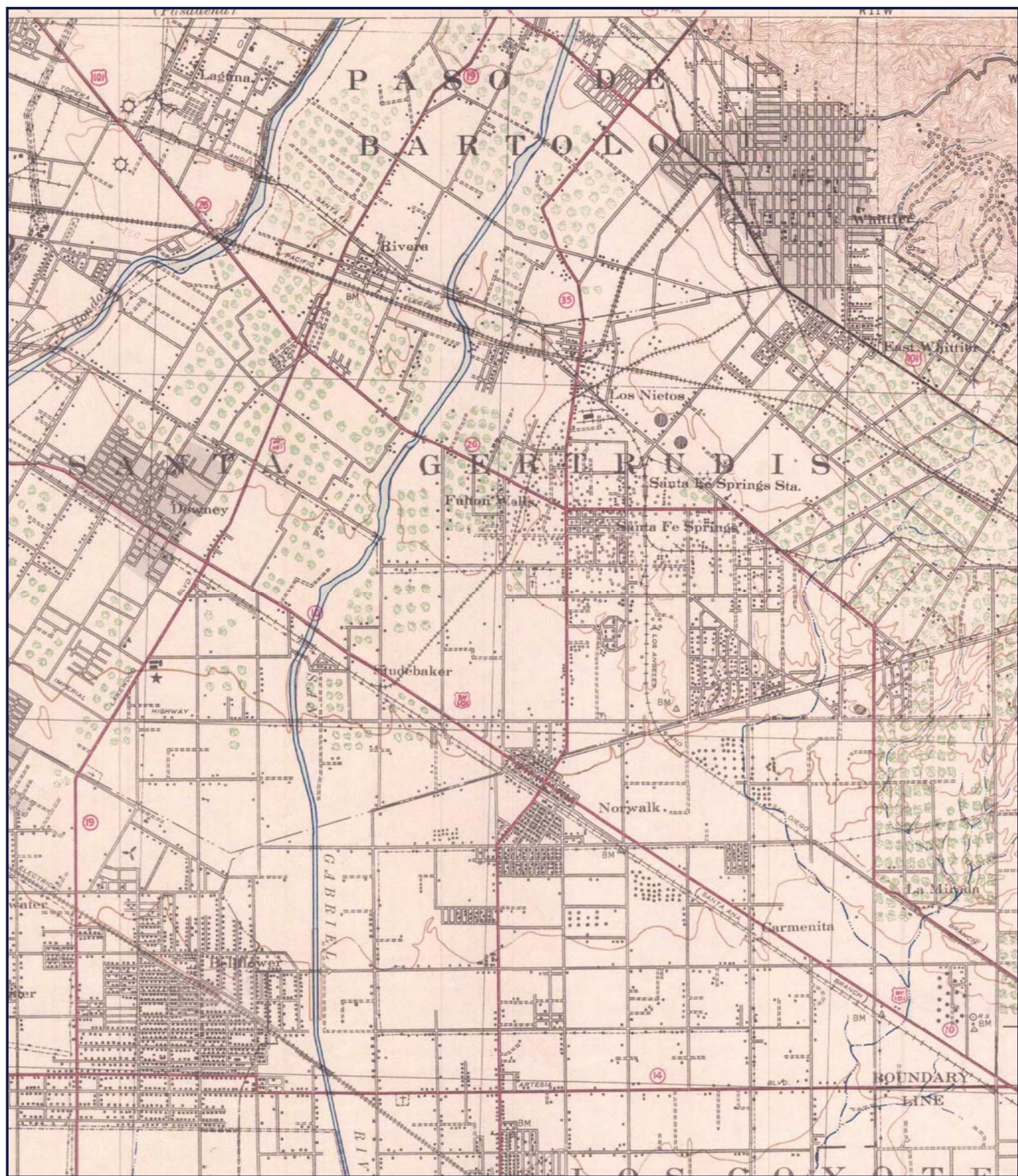
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QUAD: WHITTIER, CA
DATE: 1951
SCALE: 1 : 24,000





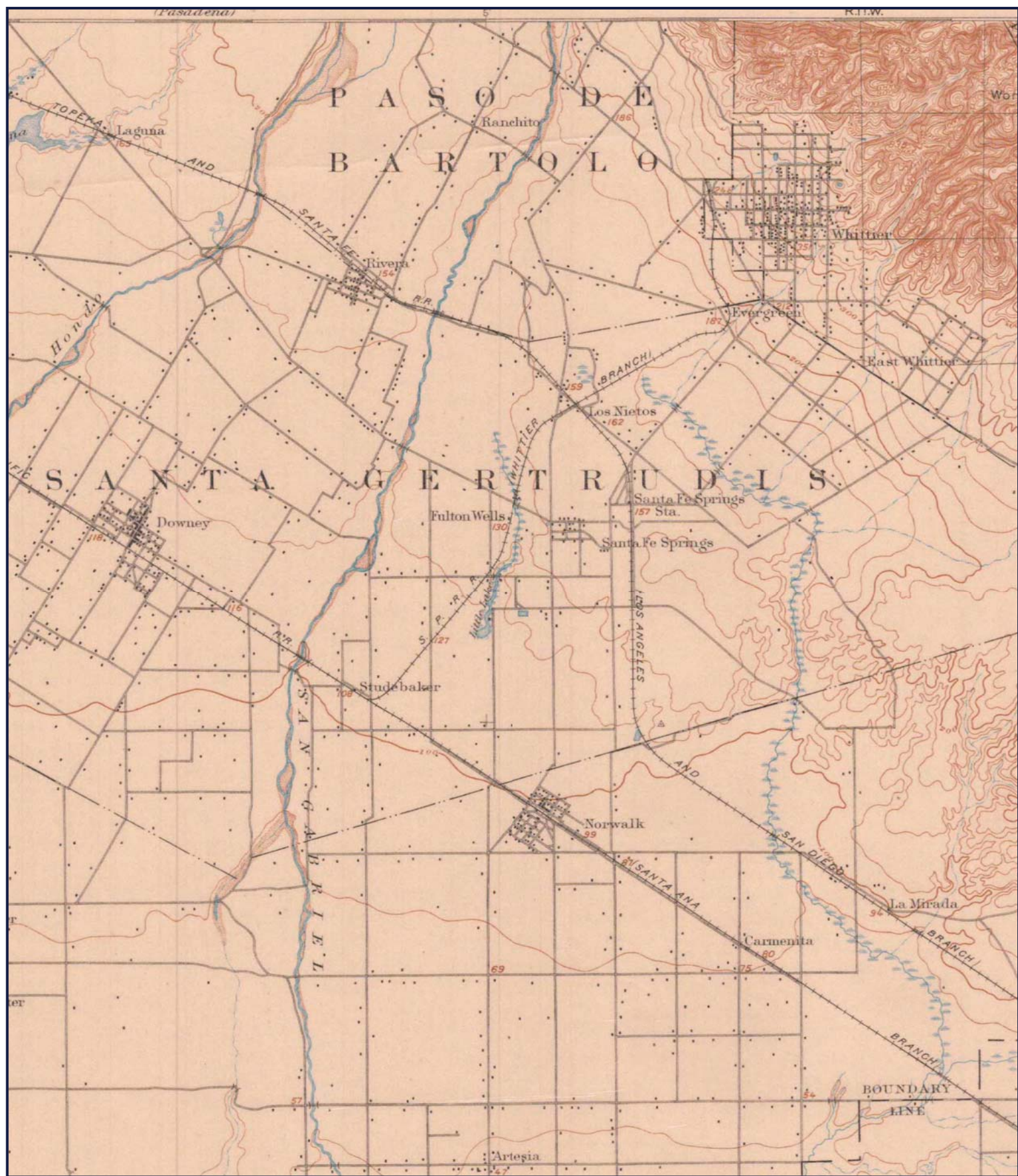
SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
QUAD: WHITTIER, CA
DATE: 1949
SCALE: 1 : 24,000





SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
QUAD: DOWNEY, CA
DATE: 1942
SCALE: 1 : 62,500



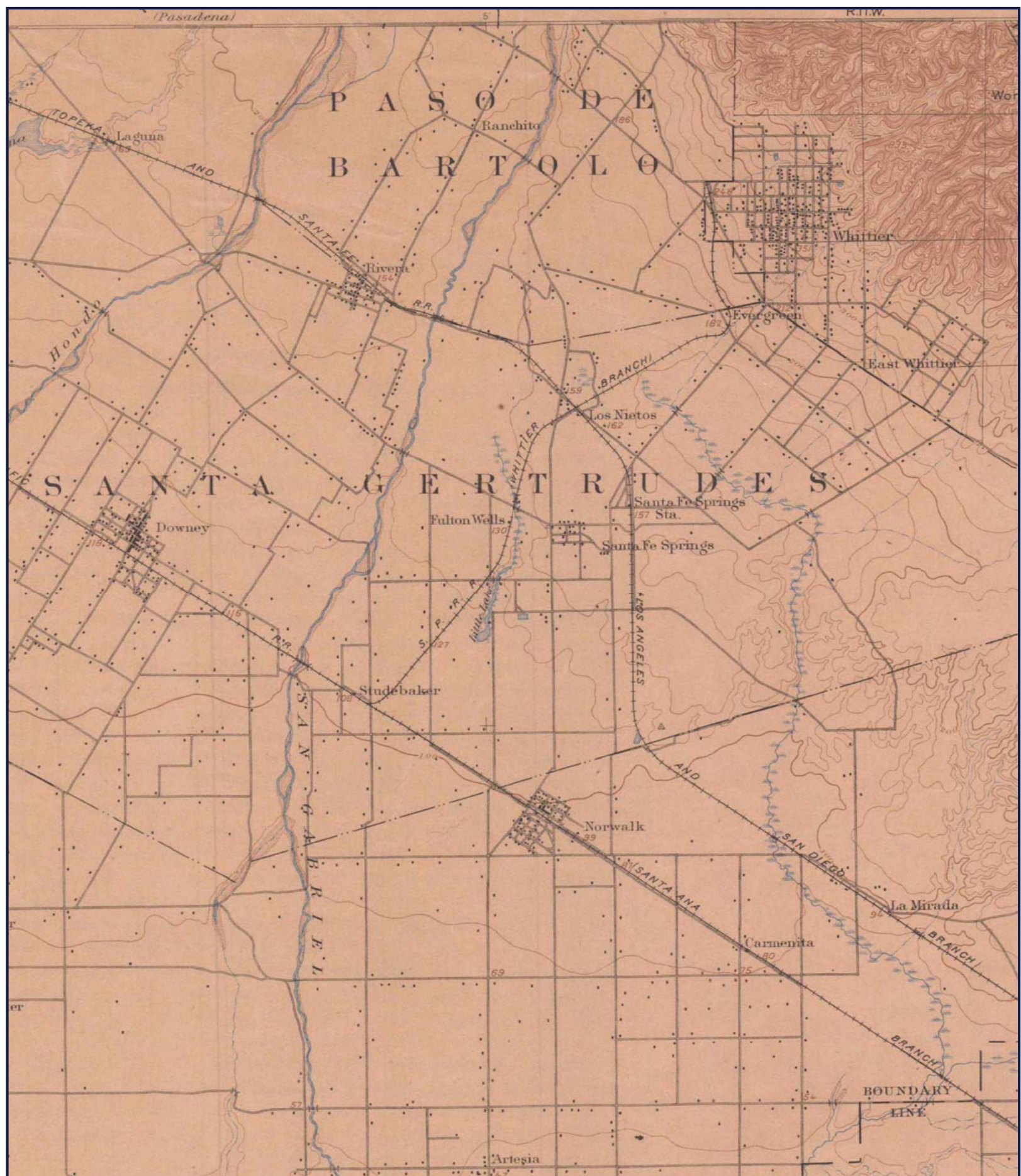


SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
QUAD: DOWNEY, CA
DATE: 1902
SCALE: 1 : 62,500



(Pasadena)

R.T.T.W.



SITE: PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS
QUAD: DOWNEY, CA
DATE: 1899
SCALE: 1 : 62,500



Appendix F
Sanborn Maps



Date: December 13, 2012

GS Job Number: 21901

Client Contact: Zach Freeman

Client Information: Leighton & Associates
10532 Acacia St Suite B-6
Rancho Cucamonga, CA 91786

Project Number: 10084001

Site Information: Pioneer High School Stadium Improvements

The collection of Sanborn fire insurance maps has been reviewed according to the site information listed above. Based on the information provided, no coverage is available.

Disclaimer – The information in this report was obtained from a variety of public sources. GeoSearch cannot insure or makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customers interpretation of this report. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers and independent contractors cannot be held liable for actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.

Appendix G
City Directory

City Directory Standard Report

Target Property:

10800 Ben Avon St,
Whittier, CA 90606

Prepared For:

Leighton Consulting

Order# : 21901

Project #10084001

Date : 12/18/2012

City Directory Standard Report

10800 Ben Avon St, Whittier, CA 90606

Haines Directory

LA Eastern San Gabriel Valley 2008

Ben Avon St

10544 Pedroza Anthony
x [Bradwell Ave]
y [Danby Ave]
10800 CARS Net
Pioneer High School
Whittr Chrysler
x [Milna Ave]
y [millergrove Dr]
10910 Sandoval Rueben

Haines Directory

LA Eastern San Gabriel Valley 2002-03

Ben Avon St

10544 Prado Eileen
x [Bradwell Ave]
10800 Pioneer High School
x [Danby Ave]
y [Milna Ave]
10880 No current listing
x [Millergrrove Dr]
10910 Sandoval Rueben

Haines Directory

LA Eastern San Gabriel Valley 1997-98

Ben Avon St

10543 Esparza Patricia
10800 Pioneer high School
10880 XXXX
10910 Sandoval Rueben

Haines Directory

LA Eastern San Gabriel Valley 1991-92

Ben Avon St

10544 No current listing
10800 Pioneer Cmnty Sc
Pioneer High School
Pioneer Little Lge
10880 La Co Parks Pool
10910 Sandoval Rueben

City Directory Standard Report

10800 Ben Avon St, Whittier, CA 90606

Haines Directory			
LA Eastern San Gabriel Valley	1987	Ben Avon St	
		10543	XXXX
		10544	Santiago Hipolito
		10800	La Co Parks Pool
			Pioneer Cmnty Sc
			Pioneer High School
			Pioneer Little Lge
		10835	Gardner Ray
		10910	XXXX
Haines Directory			
LA East Suburban	1984	Ben Avon St	
		10543	XXXX
		10544	Covarrubias Pedro
		10800	La Co Pks & Rec Pools
			Pioneer Cmnty School
			Pioneer Little Lge
		10835	Gardner Ray
		10910	Martinez Elizabeth
Haines Directory			
LA East Suburban	1981	Ben Avon St	
		10543	XXXX
		10544	XXXX
		10800	Pioneer Community Sc
			Pioneer High Schl
		10835	XXXX
		10910	Armijo Louis
Haines Directory			
Los Angeles East Suburban	1976	Ben Avon St	
		10543	XXXX
		10544	Lugo Leo M
		10800	Pioneer High School
		10835	Matson Donald H Jr
		10913	Frazer Ann
			Himler Paul J
			Klingenberg M
			Ringstad J
Haines Directory			
Los Angeles East Suburban	1972	Ben Avon St	
		10543	Welker Robt I
		10544	Lego Leo M
		10800	Pioneer High School
		10913	Apartments

City Directory Standard Report

10800 Ben Avon St, Whittier, CA 90606

R.L. Polk & Co.

Whittier

1964-65

Ben Avon St

10800

Street not listed

Comments: **Address range located in Los Nietos.**

City Directory Target Property Address

Target Property:

10800 Ben Avon St,
Whittier, CA 90606

Prepared For:

Leighton Consulting

Order# : 21901

Project #10084001

Date : 12/18/2012

City Directory Target Property Address

10800 Ben Avon St, Whittier, CA 90606

10800 Ben Avon St

2008	CARS Net	Haines Directory	LA Eastern San Gabriel Valley
	Pioneer High School	Haines Directory	LA Eastern San Gabriel Valley
	Whittr Chrysler	Haines Directory	LA Eastern San Gabriel Valley
2002-03	Pioneer High School	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Pioneer high School	Haines Directory	LA Eastern San Gabriel Valley
1991-92	Pioneer Cmnty Sc	Haines Directory	LA Eastern San Gabriel Valley
	Pioneer High School	Haines Directory	LA Eastern San Gabriel Valley
	Pioneer Little Lge	Haines Directory	LA Eastern San Gabriel Valley
1987	La Co Parks Pool	Haines Directory	LA Eastern San Gabriel Valley
	Pioneer Cmnty Sc	Haines Directory	LA Eastern San Gabriel Valley
	Pioneer High School	Haines Directory	LA Eastern San Gabriel Valley
	Pioneer Little Lge	Haines Directory	LA Eastern San Gabriel Valley
1984	La Co Pks & Rec Pools	Haines Directory	LA East Suburban
	Pioneer Cmnty School	Haines Directory	LA East Suburban
	Pioneer Little Lge	Haines Directory	LA East Suburban
1981	Pioneer Community Sc	Haines Directory	LA East Suburban
	Pioneer High Schl	Haines Directory	LA East Suburban
1976	Pioneer High School	Haines Directory	Los Angeles East Suburban
1972	Pioneer High School	Haines Directory	Los Angeles East Suburban
1964-65	Street not listed	R.L. Polk & Co.	Whittier

10543 Ben Avon St

1997-98	Esparza Patricia	Haines Directory	LA Eastern San Gabriel Valley
1987	XXXX	Haines Directory	LA Eastern San Gabriel Valley
1984	XXXX	Haines Directory	LA East Suburban
1981	XXXX	Haines Directory	LA East Suburban
1976	XXXX	Haines Directory	Los Angeles East Suburban
1972	Welker Robt I	Haines Directory	Los Angeles East Suburban

City Directory Target Property Address

10800 Ben Avon St, Whittier, CA 90606

10544 Ben Avon St

2008	Pedroza Anthony	Haines Directory	LA Eastern San Gabriel Valley
	x [Bradwell Ave]	Haines Directory	LA Eastern San Gabriel Valley
	y [Danby Ave]	Haines Directory	LA Eastern San Gabriel Valley
2002-03	Prado Eileen	Haines Directory	LA Eastern San Gabriel Valley
	x [Bradwell Ave]	Haines Directory	LA Eastern San Gabriel Valley
1991-92	No current listing	Haines Directory	LA Eastern San Gabriel Valley
1987	Santiago Hipolito	Haines Directory	LA Eastern San Gabriel Valley
1984	Covarrubias Pedro	Haines Directory	LA East Suburban
1981	XXXX	Haines Directory	LA East Suburban
1976	Lugo Leo M	Haines Directory	Los Angeles East Suburban
1972	Lego Leo M	Haines Directory	Los Angeles East Suburban

10800 Ben Avon St

2008	x [Milna Ave]	Haines Directory	LA Eastern San Gabriel Valley
	y [millergrove Dr]	Haines Directory	LA Eastern San Gabriel Valley
2002-03	x [Danby Ave]	Haines Directory	LA Eastern San Gabriel Valley
	y [Milna Ave]	Haines Directory	LA Eastern San Gabriel Valley

10835 Ben Avon St

1987	Gardner Ray	Haines Directory	LA Eastern San Gabriel Valley
1984	Gardner Ray	Haines Directory	LA East Suburban
1981	XXXX	Haines Directory	LA East Suburban
1976	Matson Donald H Jr	Haines Directory	Los Angeles East Suburban

10880 Ben Avon St

2002-03	No current listing	Haines Directory	LA Eastern San Gabriel Valley
	x [Millergrove Dr]	Haines Directory	LA Eastern San Gabriel Valley
1997-98	XXXX	Haines Directory	LA Eastern San Gabriel Valley
1991-92	La Co Parks Pool	Haines Directory	LA Eastern San Gabriel Valley

City Directory Target Property Address

10800 Ben Avon St, Whittier, CA 90606

10910 Ben Avon St

2008	Sandoval Rueben	Haines Directory	LA Eastern San Gabriel Valley
2002-03	Sandoval Rueben	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Sandoval Rueben	Haines Directory	LA Eastern San Gabriel Valley
1991-92	Sandoval Rueben	Haines Directory	LA Eastern San Gabriel Valley
1987	XXXX	Haines Directory	LA Eastern San Gabriel Valley
1984	Martinez Elizabeth	Haines Directory	LA East Suburban
1981	Armijo Louis	Haines Directory	LA East Suburban

10913 Ben Avon St

1976	Frazer Ann	Haines Directory	Los Angeles East Suburban
	Klingenberg M	Haines Directory	Los Angeles East Suburban
	Ringstad J	Haines Directory	Los Angeles East Suburban
	Himler Paul J	Haines Directory	Los Angeles East Suburban
1972	Apartments	Haines Directory	Los Angeles East Suburban

Comments: **Address range located in Los Nietos.**

City Directory Standard Report

Target Property:

*Pioneer Blvd,
Whittier, CA 90606*

Prepared For:

Leighton Consulting

Order# : 21901

Project #10084001

Date : 12/18/2012

City Directory Standard Report

Pioneer Blvd, Whittier, CA 90606

Haines Directory

LA Eastern San Gabriel Valley 2008

Pioneer Blvd

7841	Maier Rosalie x [Washington Blvd]
8011	Mr Security
8013	C-Ring Computeters P3 Communications
8015	Intl party Supply
8017	Arianna's Beauty Salon
8019	Nails SPA
8021	XXXX
8023	Fierros Realty Manuel
8025	Las Chinampas
8051	Resilent Floor & Decrtve Cvrngs
8129	Valencia Jess
8131	Reyed David
8135	Gearhart Evelyn
8141	Folks Peggy Yancey Gary Eqp
8147	Guerreto Joshua Tovar Salvador
8153	Montano Ofelia
8157	Romo Emma
8163	Cerda Alfredo
8169	Hernandez Gloria SAAD Ramzy x [Waddell St]
8221	Motel 6
8401	Family Christian Store 452
8409	Sonus USA Inc
8413	Day & Night Barber Shop
8425	No current listing
8441	Park's Mobile Service x [Slauson Ave]
8505	Marrz Oil Llc

City Directory Standard Report

Pioneer Blvd, Whittier, CA 90606

Haines Directory

LA Eastern San Gabriel
Valley

2002-03

Pioneer Blvd S

7841	Maier Rosalie x [Washington Blvd]
8011	No current listing
8015	Inspired Designs
8017	Arianna's Beauty Salon
8019	Speed Customs
8023	No current listing
8025	Las Chinampas
8051	Resilient Floor&Dectrve Cvrngs
8129	Kirk Miriam Valencia Jess
8131	Reyes David
8141	Yancey Gary Eqp Rpr
8147	Padilla Hector
8153	Whitman Thomas
8157	Romo Gerardo
8163	Cerda Silvia
8169	Santos Cecilia x [Waddell]
8221	Motel 6
8401	Family Christian Store 452
8409	David W Jann Ascts
8411	No current listing
8413	No current listing
8425	Denny's Restaurant
8441	Parks Mobile Serv x [Slauson Ave]
8505	Marrz Oil Llc

City Directory Standard Report

Pioneer Blvd, Whittier, CA 90606

Haines Directory

LA Eastern San Gabriel Valley 1997-98

Pioneer Blvd S

7841	Maier Fred C
8051	Resilient Flr
8129	Martinez Laura
8131	Reyes David
8135	Gearheart Orville
8141	Folks Floyd
	Yancey Gary EQP RPR
8147	Whitman George
8153	Whitman Thomas
8163	Cerda Alfredo
8169	Sierra R
8221	Motel 6
8401	Christian Disc Book
8409	David W Jann Ascts
8411	No current listing
8413	No current listing
8425	Dennys Restaurant
8441	Parks Mobile Serv
8505	No current listing

Haines Directory

LA Eastern San Gabriel Valley 1991-92

Pioneer Blvd S

7841	Maier Fred C
8051	Resilient Flr 1247
8131	Reyes Benito C
8141	Yancey Gary Eqp Rpr
8147	No current listing
8157	Campana Luis G
8163	No current listing
8221	Motel 6
8401	Christian Disc Book
8409	David W Jann Ascts
8411	No current listing
8413	Doreens Market
8425	Dennys Restaurant
8441	Parks Mobile Serv
8505	605 Chevron Serv

City Directory Standard Report

Pioneer Blvd, Whittier, CA 90606

Haines Directory

LA Eastern San Gabriel Valley 1987

Pioneer Blvd S

7841	Maier Fred
8051	Clarke & Associates Laboratory Frntr
8055	A L Williams Agent
8131	Reyes Benito
8141	Yancey Gary Eqp RPR
8147	Harned Ruth
8153	Le Tanh Hoang
8163	XXXX
8221	Motel 6
8401	Christian Disc Book
8407	Peyton Place
8409	Southrn Ca Hrng Aid
8411	No current listing
8413	Pioneer Mkt
8425	Dennys Restaurant
8441	Pioneer Mobile
8505	Bens Chevron Serv

Haines Directory

LA East Suburban 1984

Pioneer Blvd S

7841	Maier Fred
8131	Reyes Benito
8141	Yancey Gary Eqp Rpr
8153	Le Tanh Hoang
8163	XXXX
8221	XXXX
8401	Christian Disc Book
8407	Peyton Place
8409	So Ca Hearng Aid Ct
8411	Intl Assn Mach 1571
8413	Transamerica Find
8425	Dennys Whittier
8441	Pioneer Mobile
8505	Bens Chevron Serv

City Directory Standard Report

Pioneer Blvd, Whittier, CA 90606

Haines Directory
LA East Suburban

1981

Pioneer Blvd S

7841 A Continental Carpt
A Contintl Phtgrphc
Great American Dating
Maier Fred
8051 Mulhearn Realty Reg
8131 Reyes Mary R
8141 Yancey Gary Eqpmnt Rpr
8153 Letanh Hoang
8163 XXXX
8221 Motel 6
8401 Christian Dsc Bk Ct
8407 Peyton Place
8409 Southern CA Hrng Ad
8411 Countrywide Funding
8413 No current listing
8425 Dennys Rest Whit
8441 Mobil Oil Corp
8505 Leroy&RToms Chvrn Sv

Haines Directory
Los Angeles East
Suburban

1976

Pioneer Blvd S

7841 Maier Fred
8131 Reyes Mary
8163 XXXX
8221 Motel 6
8401 Christian Disc Book
8407 Peyton Place
8409 No current listing
8411 Countrywide Funding
8413 Carousel Realty
L&M Real Estate Sls
8425 Dennys Restaurant
8441 Pioneer Mobil Srv
8505 Leroy&Toms Chvrn Sv

City Directory Standard Report

Pioneer Blvd, Whittier, CA 90606

Haines Directory
Los Angeles East
Suburban

1972

Pioneer Blvd S

7841	Maier Fred
8131	Reyes Mary
8163	Rodriguez Pete
8169	Ruiz Lupe
8401	R B D H
8407	Peyton Place
8409	Southrn Cal Hrng Ct
8413	Foxy Lady
8425	Dennys Restaurant
8441	Pioneer Service
8516	No current listing

R.L. Polk & Co.
Whittier

1964-65

Pioneer Blvd S

Range not listed

Comments: **Address range located in Los Nietos.**

City Directory Target Property Address

Target Property:

*Pioneer Blvd,
Whittier, CA 90606*

Prepared For:

Leighton Consulting

Order# : 21901

Project #10084001

Date : 12/18/2012

City Directory Target Property Address

Pioneer Blvd, Whittier, CA 90606

7841 Pioneer Blvd

2008	Maier Rosalie	Haines Directory	LA Eastern San Gabriel Valley
	x [Washington Blvd]	Haines Directory	LA Eastern San Gabriel Valley

8011 Pioneer Blvd

2008	Mr Security	Haines Directory	LA Eastern San Gabriel Valley
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8013 Pioneer Blvd

2008	C-Ring Computerers	Haines Directory	LA Eastern San Gabriel Valley
	P3 Communications	Haines Directory	LA Eastern San Gabriel Valley

8015 Pioneer Blvd

2008	Intl party Supply	Haines Directory	LA Eastern San Gabriel Valley
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8017 Pioneer Blvd

2008	Arianna's Beauty Salon	Haines Directory	LA Eastern San Gabriel Valley
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8019 Pioneer Blvd

2008	Nails SPA	Haines Directory	LA Eastern San Gabriel Valley
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8021 Pioneer Blvd

2008	XXXX	Haines Directory	LA Eastern San Gabriel Valley
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8023 Pioneer Blvd

2008	Fierros Realty Manuel	Haines Directory	LA Eastern San Gabriel Valley
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8025 Pioneer Blvd

2008	Las Chinampas	Haines Directory	LA Eastern San Gabriel Valley
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8051 Pioneer Blvd

2008	Resilent Floor & Decrtve Cvrngs	Haines Directory	LA Eastern San Gabriel Valley
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8129 Pioneer Blvd

2008	Valencia Jess	Haines Directory	LA Eastern San Gabriel Valley
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City Directory Target Property Address

Pioneer Blvd, Whittier, CA 90606

8131 Pioneer Blvd

2008	Reyed David	Haines Directory	LA Eastern San Gabriel Valley
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8135 Pioneer Blvd

2008	Gearhart Evelyn	Haines Directory	LA Eastern San Gabriel Valley
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8141 Pioneer Blvd

2008	Folks Peggy	Haines Directory	LA Eastern San Gabriel Valley
	Yancey Gary Eqp	Haines Directory	LA Eastern San Gabriel Valley

8147 Pioneer Blvd

2008	Guerreto Joshua	Haines Directory	LA Eastern San Gabriel Valley
	Tovar Salvador	Haines Directory	LA Eastern San Gabriel Valley

8153 Pioneer Blvd

2008	Montano Ofelia	Haines Directory	LA Eastern San Gabriel Valley
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8157 Pioneer Blvd

2008	Romo Emma	Haines Directory	LA Eastern San Gabriel Valley
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8163 Pioneer Blvd

2008	Cerda Alfredo	Haines Directory	LA Eastern San Gabriel Valley
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8169 Pioneer Blvd

2008	Hernandez Gloria	Haines Directory	LA Eastern San Gabriel Valley
	SAAD Ramzy	Haines Directory	LA Eastern San Gabriel Valley
	x [Waddell St]	Haines Directory	LA Eastern San Gabriel Valley

8221 Pioneer Blvd

2008	Motel 6	Haines Directory	LA Eastern San Gabriel Valley
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8401 Pioneer Blvd

2008	Family Christian Store 452	Haines Directory	LA Eastern San Gabriel Valley
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City Directory Target Property Address

Pioneer Blvd, Whittier, CA 90606

8409 Pioneer Blvd

2008	Sonus USA Inc	Haines Directory	LA Eastern San Gabriel Valley
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8413 Pioneer Blvd

2008	Day & Night Barber Shop	Haines Directory	LA Eastern San Gabriel Valley
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8425 Pioneer Blvd

2008	No current listing	Haines Directory	LA Eastern San Gabriel Valley
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8441 Pioneer Blvd

2008	Park's Mobile Service	Haines Directory	LA Eastern San Gabriel Valley
	x [Slauson Ave]	Haines Directory	LA Eastern San Gabriel Valley

8505 Pioneer Blvd

2008	Marrz Oil Llc	Haines Directory	LA Eastern San Gabriel Valley
1964-65	Range not listed	R.L. Polk & Co.	Whittier

7841 Pioneer Blvd S

2002-03	Maier Rosalie	Haines Directory	LA Eastern San Gabriel Valley
	x [Washington Blvd]	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Maier Fred C	Haines Directory	LA Eastern San Gabriel Valley
1991-92	Maier Fred C	Haines Directory	LA Eastern San Gabriel Valley
1987	Maier Fred	Haines Directory	LA Eastern San Gabriel Valley
1984	Maier Fred	Haines Directory	LA East Suburban
1981	A Continental Carpt	Haines Directory	LA East Suburban
	A Contintl Phtgrphc	Haines Directory	LA East Suburban
	Great American Dating	Haines Directory	LA East Suburban
	Maier Fred	Haines Directory	LA East Suburban
1976	Maier Fred	Haines Directory	Los Angeles East Suburban
1972	Maier Fred	Haines Directory	Los Angeles East Suburban

8011 Pioneer Blvd S

2002-03	No current listing	Haines Directory	LA Eastern San Gabriel Valley
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City Directory Target Property Address

Pioneer Blvd, Whittier, CA 90606

8015 Pioneer Blvd S

2002-03	Inspired Designs	Haines Directory	LA Eastern San Gabriel Valley
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8017 Pioneer Blvd S

2002-03	Arianna's Beauty Salon	Haines Directory	LA Eastern San Gabriel Valley
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8019 Pioneer Blvd S

2002-03	Speed Customs	Haines Directory	LA Eastern San Gabriel Valley
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8023 Pioneer Blvd S

2002-03	No current listing	Haines Directory	LA Eastern San Gabriel Valley
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8025 Pioneer Blvd S

2002-03	Las Chinampas	Haines Directory	LA Eastern San Gabriel Valley
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8051 Pioneer Blvd S

2002-03	Resilient Floor&Decrtve Cvrngs	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Resilient Flr	Haines Directory	LA Eastern San Gabriel Valley
1991-92	Resilient Flr 1247	Haines Directory	LA Eastern San Gabriel Valley
1987	Clarke & Associates	Haines Directory	LA Eastern San Gabriel Valley
	Laboratory Frntr	Haines Directory	LA Eastern San Gabriel Valley
1981	Mulhearn Realty Reg	Haines Directory	LA East Suburban

8055 Pioneer Blvd S

1987	AL Williams Agent	Haines Directory	LA Eastern San Gabriel Valley
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8129 Pioneer Blvd S

2002-03	Kirk Miriam	Haines Directory	LA Eastern San Gabriel Valley
	Valencia Jess	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Martinez Laura	Haines Directory	LA Eastern San Gabriel Valley

City Directory Target Property Address

Pioneer Blvd, Whittier, CA 90606

8131 Pioneer Blvd S

2002-03	Reyes David	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Reyes David	Haines Directory	LA Eastern San Gabriel Valley
1991-92	Reyes Benito C	Haines Directory	LA Eastern San Gabriel Valley
1987	Reyes Benito	Haines Directory	LA Eastern San Gabriel Valley
1984	Reyes Benito	Haines Directory	LA East Suburban
1981	Reyes Mary R	Haines Directory	LA East Suburban
1976	Reyes Mary	Haines Directory	Los Angeles East Suburban
1972	Reyes Mary	Haines Directory	Los Angeles East Suburban

8135 Pioneer Blvd S

1997-98	Gearheart Orville	Haines Directory	LA Eastern San Gabriel Valley
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8141 Pioneer Blvd S

2002-03	Yancey Gary Eqp Rpr	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Folks Floyd	Haines Directory	LA Eastern San Gabriel Valley
	Yancey Gary EQP RPR	Haines Directory	LA Eastern San Gabriel Valley
1991-92	Yancey Gary Eqp Rpr	Haines Directory	LA Eastern San Gabriel Valley
1987	Yancey Gary Eqp RPR	Haines Directory	LA Eastern San Gabriel Valley
1984	Yancey Gary Eqp Rpr	Haines Directory	LA East Suburban
1981	Yancey Gary Eqpmnt Rpr	Haines Directory	LA East Suburban

8147 Pioneer Blvd S

2002-03	Padilla Hector	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Whitman George	Haines Directory	LA Eastern San Gabriel Valley
1991-92	No current listing	Haines Directory	LA Eastern San Gabriel Valley
1987	Harned Ruth	Haines Directory	LA Eastern San Gabriel Valley

8153 Pioneer Blvd S

2002-03	Whitman Thomas	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Whitman Thomas	Haines Directory	LA Eastern San Gabriel Valley
1987	Le Tanh Hoang	Haines Directory	LA Eastern San Gabriel Valley
1984	Le Tanh Hoang	Haines Directory	LA East Suburban
1981	Letanh Hoang	Haines Directory	LA East Suburban

City Directory Target Property Address

Pioneer Blvd, Whittier, CA 90606

8157 Pioneer Blvd S

2002-03	Romo Gerardo	Haines Directory	LA Eastern San Gabriel Valley
1991-92	Campana Luis G	Haines Directory	LA Eastern San Gabriel Valley

8163 Pioneer Blvd S

2002-03	Cerda Silvia	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Cerda Alfredo	Haines Directory	LA Eastern San Gabriel Valley
1991-92	No current listing	Haines Directory	LA Eastern San Gabriel Valley
1987	XXXX	Haines Directory	LA Eastern San Gabriel Valley
1984	XXXX	Haines Directory	LA East Suburban
1981	XXXX	Haines Directory	LA East Suburban
1976	XXXX	Haines Directory	Los Angeles East Suburban
1972	Rodriguez Pete	Haines Directory	Los Angeles East Suburban

8169 Pioneer Blvd S

2002-03	Santos Cecilia	Haines Directory	LA Eastern San Gabriel Valley
	x [Waddell]	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Sierra R	Haines Directory	LA Eastern San Gabriel Valley
1972	Ruiz Lupe	Haines Directory	Los Angeles East Suburban

8221 Pioneer Blvd S

2002-03	Motel 6	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Motel 6	Haines Directory	LA Eastern San Gabriel Valley
1991-92	Motel 6	Haines Directory	LA Eastern San Gabriel Valley
1987	Motel 6	Haines Directory	LA Eastern San Gabriel Valley
1984	XXXX	Haines Directory	LA East Suburban
1981	Motel 6	Haines Directory	LA East Suburban
1976	Motel 6	Haines Directory	Los Angeles East Suburban

City Directory Target Property Address

Pioneer Blvd, Whittier, CA 90606

8401 Pioneer Blvd S

2002-03	Family Christian Store 452	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Christian Disc Book	Haines Directory	LA Eastern San Gabriel Valley
1991-92	Christian Disc Book	Haines Directory	LA Eastern San Gabriel Valley
1987	Christian Disc Book	Haines Directory	LA Eastern San Gabriel Valley
1984	Christian Disc Book	Haines Directory	LA East Suburban
1981	Christian Dsc Bk Ct	Haines Directory	LA East Suburban
1976	Christian Disc Book	Haines Directory	Los Angeles East Suburban
1972	R B D H	Haines Directory	Los Angeles East Suburban

8407 Pioneer Blvd S

1987	Peyton Place	Haines Directory	LA Eastern San Gabriel Valley
1984	Peyton Place	Haines Directory	LA East Suburban
1981	Peyton Place	Haines Directory	LA East Suburban
1976	Peyton Place	Haines Directory	Los Angeles East Suburban
1972	Peyton Place	Haines Directory	Los Angeles East Suburban

8409 Pioneer Blvd S

2002-03	David W Jann Ascts	Haines Directory	LA Eastern San Gabriel Valley
1997-98	David W Jann Ascts	Haines Directory	LA Eastern San Gabriel Valley
1991-92	David W Jann Ascts	Haines Directory	LA Eastern San Gabriel Valley
1987	Southern Ca Hrng Aid	Haines Directory	LA Eastern San Gabriel Valley
1984	So Ca Hearng Aid Ct	Haines Directory	LA East Suburban
1981	Southern CA Hrng Ad	Haines Directory	LA East Suburban
1976	No current listing	Haines Directory	Los Angeles East Suburban
1972	Southern Cal Hrng Ct	Haines Directory	Los Angeles East Suburban

City Directory Target Property Address

Pioneer Blvd, Whittier, CA 90606

8411 Pioneer Blvd S

2002-03	No current listing	Haines Directory	LA Eastern San Gabriel Valley
1997-98	No current listing	Haines Directory	LA Eastern San Gabriel Valley
1991-92	No current listing	Haines Directory	LA Eastern San Gabriel Valley
1987	No current listing	Haines Directory	LA Eastern San Gabriel Valley
1984	Intl Assn Mach 1571	Haines Directory	LA East Suburban
1981	Countrywide Funding	Haines Directory	LA East Suburban
1976	Countrywide Funding	Haines Directory	Los Angeles East Suburban

8413 Pioneer Blvd S

2002-03	No current listing	Haines Directory	LA Eastern San Gabriel Valley
1997-98	No current listing	Haines Directory	LA Eastern San Gabriel Valley
1991-92	Doreens Market	Haines Directory	LA Eastern San Gabriel Valley
1987	Pioneer Mkt	Haines Directory	LA Eastern San Gabriel Valley
1984	Transamerica Find	Haines Directory	LA East Suburban
1981	No current listing	Haines Directory	LA East Suburban
1976	Carousel Realty	Haines Directory	Los Angeles East Suburban
	L&M Real Estate Sls	Haines Directory	Los Angeles East Suburban
1972	Foxy Lady	Haines Directory	Los Angeles East Suburban

8425 Pioneer Blvd S

2002-03	Denny's Restaurant	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Dennys Restaurant	Haines Directory	LA Eastern San Gabriel Valley
1991-92	Dennys Restaurant	Haines Directory	LA Eastern San Gabriel Valley
1987	Dennys Restaurant	Haines Directory	LA Eastern San Gabriel Valley
1984	Dennys Whittier	Haines Directory	LA East Suburban
1981	Dennys Rest Whit	Haines Directory	LA East Suburban
1976	Dennys Restaurant	Haines Directory	Los Angeles East Suburban
1972	Dennys Restaurant	Haines Directory	Los Angeles East Suburban

City Directory Target Property Address

Pioneer Blvd, Whittier, CA 90606

8441 Pioneer Blvd S

2002-03	Parks Mobile Serv	Haines Directory	LA Eastern San Gabriel Valley
	x [Slauson Ave]	Haines Directory	LA Eastern San Gabriel Valley
1997-98	Parks Mobile Serv	Haines Directory	LA Eastern San Gabriel Valley
1991-92	Parks Mobile Serv	Haines Directory	LA Eastern San Gabriel Valley
1987	Pioneer Mobile	Haines Directory	LA Eastern San Gabriel Valley
1984	Pioneer Mobile	Haines Directory	LA East Suburban
1981	Mobil Oil Corp	Haines Directory	LA East Suburban
1976	Pioneer Mobil Srv	Haines Directory	Los Angeles East Suburban
1972	Pioneer Service	Haines Directory	Los Angeles East Suburban

8505 Pioneer Blvd S

2002-03	Marrz Oil Llc	Haines Directory	LA Eastern San Gabriel Valley
1997-98	No current listing	Haines Directory	LA Eastern San Gabriel Valley
1991-92	605 Chevron Serv	Haines Directory	LA Eastern San Gabriel Valley
1987	Bens Chevron Serv	Haines Directory	LA Eastern San Gabriel Valley
1984	Bens Chevron Serv	Haines Directory	LA East Suburban
1981	Leroy&RToms Chvrn Sv	Haines Directory	LA East Suburban
1976	Leroy&Toms Chvrn Sv	Haines Directory	Los Angeles East Suburban

8516 Pioneer Blvd S

1972	No current listing	Haines Directory	Los Angeles East Suburban
------	--------------------	------------------	---------------------------

Comments: **Address range located in Los Nietos.**

City Directory Standard Report

Target Property:

Slauson Ave,
Whittier, CA 90606

Prepared For:

Leighton Consulting

Order# : 21901

Project #10084001

Date : 12/18/2012

City Directory Standard Report

Slauson Ave, Whittier, CA 90606

Haines Directory
Eastern San Gabriel
Valley

2008

Slauson Ave

Street begins
x [Pioneer Blvd]
11002 Castanon Jess R
11008 No current listing
11012 Armas Oscar
11018 Aguilar Fernando
11022 Baca Pete
11028 Holly Gregory
11032 Gagnon Dennis
x [Danby Ave]
11102 Macias Trinidad
Rodriguez Edwin
11108 Argumedo Anibal
11112 Ramirez Rebecca
11118 Higuera Hannibal
11124 Vega Erick
11128 Cervantes Jose Luis
x [Millergrove Dr]
y [Morrill Ave]
11236 Galaviz Regula

Haines Directory
Eastern San Gabriel
Valley

2002-03

Slauson Ave

Street begins
11002 Castanon Jess R
11008 Munoz Raul
11012 Armas Oscar
11022 Baca Pete
11028 Holly Gregory
11032 Gagnon Dennis
x [Danby Ave]
11102 Macias Trinidad
11108 Navidad Gerardo
Solares Ana Victoria
11112 Ramirez Felix
11118 Higuera Hannibal
11128 Cervantes Jose Luis
x [Millergrove Dr]
y [Morrill Ave]
11236 Martin Maria

City Directory Standard Report

Slauson Ave, Whittier, CA 90606

Haines Directory
Eastern San Gabriel
Valley

1997-98

Slauson Ave

Street begins
11002 Castanon Jess R
11028 Holly Gregory
11102 No current listing
11108 Solares Ana Victoria
11112 Azuela Linda
Vallejo A
11236 Medina Jose Miguel

Haines Directory
Eastern San Gabriel
Valley

1991-92

Slauson Ave

Street begins
11002 Castanon Jess R
11018 No current listing
11022 No current listing
11028 Holly Gregory
11102 Macias Trinidad
11108 No Current Listing
11112 No current listing
11118 Higuera Melissa
11236 No current listing

Haines Directory
Eastern San Gabriel
Valley

1987

Slauson Ave

Street begins
11002 Castanon Jess R
11018 No current listing
11022 No current listing
11028 Holly Gregory
11032 No current listing
11102 Macias Trinidad
11108 No current listing
11118 Higuera Melissa
11236 Montaldo Catalina

City Directory Standard Report

Slauson Ave, Whittier, CA 90606

Haines Directory
LA East Suburban 1984

Slauson Ave

Street begins

11002 Castanon Jess R
11018 No current listing
11022 No current listing
11028 Holly Gregory
11032 No current listing
11102 Macias Trinidad
11108 No current listing
11118 Higuera Melissa
11236 No current listing

Haines Directory
LA East Suburban 1980

Slauson Ave

Street begins

11002 Castanon Jess R
11018 No current listing
11022 No current listing
11028 Holly Gregory
11032 Gagnon Dennis L
11102 Macias Trinidad
11108 Mills Fred
11118 Higuera Melissa
11236 Garcia Fred B

Haines Directory
LA East Suburban 1976

Slauson Ave

Street begins

11002 Castanon Jess R
11018 Aguilar J G
11022 No current listing
11028 Holly Gregory
11032 Gagnon Dennis L
11102 Macias Trinidad
11108 Mills Fred
11236 Garcia Fred B

City Directory Standard Report

Slauson Ave, Whittier, CA 90606

Haines Directory

LA East Suburban

1972

Slauson Ave

Street begins

11002 Castanon Jess R

11008 Munoz Raul

Soto Dolores

11022 Ortiz Richard T

11028 Holly Elsworth D

11032 No current listing

11102 Macias Trinidad

11108 Mills Fred

11118 Higuera Cecilia

11252 Letterman Ruth

R.L. Polk & Co.

Whittier

1964-65

Slauson Ave

Street not listed

Comments: **Address range located in Los Nietos.**

City Directory Target Property Address

Target Property:

Slauson Ave,
Whittier, CA 90606

Prepared For:

Leighton Consulting

Order# : 21901

Project #10084001

Date : 12/18/2012

City Directory Target Property Address

Slauson Ave, Whittier, CA 90606

2008	Street begins	Haines Directory	Eastern San Gabriel Valley
	x [Pioneer Blvd]	Haines Directory	Eastern San Gabriel Valley
2002-03	Street begins	Haines Directory	Eastern San Gabriel Valley
1997-98	Street begins	Haines Directory	Eastern San Gabriel Valley
1991-92	Street begins	Haines Directory	Eastern San Gabriel Valley
1987	Street begins	Haines Directory	Eastern San Gabriel Valley
1984	Street begins	Haines Directory	LA East Suburban
1980	Street begins	Haines Directory	LA East Suburban
1976	Street begins	Haines Directory	LA East Suburban
1972	Street begins	Haines Directory	LA East Suburban
1964-65	Street not listed	R.L. Polk & Co.	Whittier

11002 Slauson Ave

2008	Castanon Jess R	Haines Directory	Eastern San Gabriel Valley
2002-03	Castanon Jess R	Haines Directory	Eastern San Gabriel Valley
1997-98	Castanon Jess R	Haines Directory	Eastern San Gabriel Valley
1991-92	Castanon Jess R	Haines Directory	Eastern San Gabriel Valley
1987	Castanon Jess R	Haines Directory	Eastern San Gabriel Valley
1984	Castanon Jess R	Haines Directory	LA East Suburban
1980	Castanon Jess R	Haines Directory	LA East Suburban
1976	Castanon Jess R	Haines Directory	LA East Suburban
1972	Castanon Jess R	Haines Directory	LA East Suburban

11008 Slauson Ave

2008	No current listing	Haines Directory	Eastern San Gabriel Valley
2002-03	Munoz Raul	Haines Directory	Eastern San Gabriel Valley
1972	Munoz Raul	Haines Directory	LA East Suburban
	Soto Dolores	Haines Directory	LA East Suburban

11012 Slauson Ave

2008	Armas Oscar	Haines Directory	Eastern San Gabriel Valley
2002-03	Armas Oscar	Haines Directory	Eastern San Gabriel Valley

City Directory Target Property Address

Slauson Ave, Whittier, CA 90606

11018 Slauson Ave

2008	Aguilar Fernando	Haines Directory	Eastern San Gabriel Valley
1991-92	No current listing	Haines Directory	Eastern San Gabriel Valley
1987	No current listing	Haines Directory	Eastern San Gabriel Valley
1984	No current listing	Haines Directory	LA East Suburban
1980	No current listing	Haines Directory	LA East Suburban
1976	Aguilar J G	Haines Directory	LA East Suburban

11022 Slauson Ave

2008	Baca Pete	Haines Directory	Eastern San Gabriel Valley
2002-03	Baca Pete	Haines Directory	Eastern San Gabriel Valley
1991-92	No current listing	Haines Directory	Eastern San Gabriel Valley
1987	No current listing	Haines Directory	Eastern San Gabriel Valley
1984	No current listing	Haines Directory	LA East Suburban
1980	No current listing	Haines Directory	LA East Suburban
1976	No current listing	Haines Directory	LA East Suburban
1972	Ortiz Richard T	Haines Directory	LA East Suburban

11028 Slauson Ave

2008	Holly Gregory	Haines Directory	Eastern San Gabriel Valley
2002-03	Holly Gregory	Haines Directory	Eastern San Gabriel Valley
1997-98	Holly Gregory	Haines Directory	Eastern San Gabriel Valley
1991-92	Holly Gregory	Haines Directory	Eastern San Gabriel Valley
1987	Holly Gregory	Haines Directory	Eastern San Gabriel Valley
1984	Holly Gregory	Haines Directory	LA East Suburban
1980	Holly Gregory	Haines Directory	LA East Suburban
1976	Holly Gregory	Haines Directory	LA East Suburban
1972	Holly Elsworth D	Haines Directory	LA East Suburban

City Directory Target Property Address

Slauson Ave, Whittier, CA 90606

11032 Slauson Ave

2008	Gagnon Dennis	Haines Directory	Eastern San Gabriel Valley
	x [Danby Ave]	Haines Directory	Eastern San Gabriel Valley
2002-03	Gagnon Dennis	Haines Directory	Eastern San Gabriel Valley
	x [Danby Ave]	Haines Directory	Eastern San Gabriel Valley
1987	No current listing	Haines Directory	Eastern San Gabriel Valley
1984	No current listing	Haines Directory	LA East Suburban
1980	Gagnon Dennis L	Haines Directory	LA East Suburban
1976	Gagnon Dennis L	Haines Directory	LA East Suburban
1972	No current listing	Haines Directory	LA East Suburban

11102 Slauson Ave

2008	Macias Trinidad	Haines Directory	Eastern San Gabriel Valley
	Rodriguez Edwin	Haines Directory	Eastern San Gabriel Valley
2002-03	Macias Trinidad	Haines Directory	Eastern San Gabriel Valley
1997-98	No current listing	Haines Directory	Eastern San Gabriel Valley
1991-92	Macias Trinidad	Haines Directory	Eastern San Gabriel Valley
1987	Macias Trinidad	Haines Directory	Eastern San Gabriel Valley
1984	Macias Trinidad	Haines Directory	LA East Suburban
1980	Macias Trinidad	Haines Directory	LA East Suburban
1976	Macias Trinidad	Haines Directory	LA East Suburban
1972	Macias Trinidad	Haines Directory	LA East Suburban

11108 Slauson Ave

2008	Argumedo Anibal	Haines Directory	Eastern San Gabriel Valley
2002-03	Navidad Gerardo	Haines Directory	Eastern San Gabriel Valley
	Solares Ana Victoria	Haines Directory	Eastern San Gabriel Valley
1997-98	Solares Ana Victoria	Haines Directory	Eastern San Gabriel Valley
1991-92	No Current Listing	Haines Directory	Eastern San Gabriel Valley
1987	No current listing	Haines Directory	Eastern San Gabriel Valley
1984	No current listing	Haines Directory	LA East Suburban
1980	Mills Fred	Haines Directory	LA East Suburban
1976	Mills Fred	Haines Directory	LA East Suburban
1972	Mills Fred	Haines Directory	LA East Suburban

City Directory Target Property Address

Slauson Ave, Whittier, CA 90606

11112 Slauson Ave

2008	Ramirez Rebecca	Haines Directory	Eastern San Gabriel Valley
2002-03	Ramirez Felix	Haines Directory	Eastern San Gabriel Valley
1997-98	Azuela Linda	Haines Directory	Eastern San Gabriel Valley
	Vallejo A	Haines Directory	Eastern San Gabriel Valley
1991-92	No current listing	Haines Directory	Eastern San Gabriel Valley

11118 Slauson Ave

2008	Higuera Hannibal	Haines Directory	Eastern San Gabriel Valley
2002-03	Higuera Hannibal	Haines Directory	Eastern San Gabriel Valley
1991-92	Higuera Melissa	Haines Directory	Eastern San Gabriel Valley
1987	Higuera Melissa	Haines Directory	Eastern San Gabriel Valley
1984	Higuera Melissa	Haines Directory	LA East Suburban
1980	Higuera Melissa	Haines Directory	LA East Suburban
1972	Higuera Cecilia	Haines Directory	LA East Suburban

11124 Slauson Ave

2008	Vega Erick	Haines Directory	Eastern San Gabriel Valley
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11128 Slauson Ave

2008	Cervantes Jose Luis	Haines Directory	Eastern San Gabriel Valley
	x [Millergrove Dr]	Haines Directory	Eastern San Gabriel Valley
	y [Morrill Ave]	Haines Directory	Eastern San Gabriel Valley
2002-03	Cervantes Jose Luis	Haines Directory	Eastern San Gabriel Valley
	x [Millergrove Dr]	Haines Directory	Eastern San Gabriel Valley
	y [Morrill Ave]	Haines Directory	Eastern San Gabriel Valley

City Directory Target Property Address

Slauson Ave, Whittier, CA 90606

11236 Slauson Ave

2008	Galaviz Regula	Haines Directory	Eastern San Gabriel Valley
2002-03	Martin Maria	Haines Directory	Eastern San Gabriel Valley
1997-98	Medina Jose Miguel	Haines Directory	Eastern San Gabriel Valley
1991-92	No current listing	Haines Directory	Eastern San Gabriel Valley
1987	Montaldo Catalina	Haines Directory	Eastern San Gabriel Valley
1984	No current listing	Haines Directory	LA East Suburban
1980	Garcia Fred B	Haines Directory	LA East Suburban
1976	Garcia Fred B	Haines Directory	LA East Suburban

11252 Slauson Ave

1972	Letterman Ruth	Haines Directory	LA East Suburban
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Comments: **Address range located in Los Nietos.**

Appendix H
Environmental Lien Report



Order Number	GS#21901	Effective Date	2/4/1967		
Last name	WHITTIER UNION HIGH SCHOOL DISTRICT				
First name		County	LOS ANGELES		
Street address	10800 BENAVALON STREET, WHITTIER, CA 90606	City	WHITTIER	State	CA
Mailing address	9401 S. PAINTER AVENUE, WHITTIER, CA 90605				
Parcel number	8177-019-905	Alternate APN			
Legal Description	PIONEER HIGH SCHOOL STADIUM IMPROVEMENTS				

Federal, state, and local environmental records have been researched, resulting in the following list of recorded environmental liens and AUL's (activity and usage limitations) for the subject property having been found:

ENVIRONMENTAL LIENS, IC s, LUC s, AUL s, & DEUR s

- 1 NONE FOUND
- 2 NONE FOUND
- 3
- 4

JUDGMENTS, LIENS

- 1 NONE FOUND
- 2
- 3
- 4

OTHER INFORMATION:

Appendix I

GeoSearch Oil/Gas Report



GeoPlus Oil & Gas Report

<http://www.geo-search.net/QuickMap/index.htm?DataID=Standard0000050929>

Click on link above to access the map and satellite view of current property

Target Property:

***Pioneer High School Stadium Improvements
10800 Benavon Street
Whittier, Los Angeles County, California 90606***

Prepared For:

Leighton Consulting

Order #: 21901

Job #: 50929

Project #: 10084001

PO #: 10084001RLO

Date: 12/13/2012

TARGET PROPERTY SUMMARY

Pioneer High School Stadium Improvements
10800 Benavon Street
Whittier, Los Angeles County, California 90606

USGS Quadrangle: **Whittier, CA**
Target Property Geometry: **Area**

Target Property Longitude(s)/Latitude(s):
(-118.079462, 33.966581), (-118.079462, 33.966581), (-118.079002, 33.967785), (-118.081167, 33.968261),
(-118.081668, 33.967074), (-118.079471, 33.966557), (-118.079462, 33.966581)

County/Parish Covered:
Los Angeles (CA)

Zipcode(s) Covered:
Pico Rivera CA: 90660
Santa Fe Springs CA: 90670
Whittier CA: 90606

State(s) Covered:
CA

***Target property is located in Radon Zone 2.**
Zone 2 areas have a predicted average indoor radon screening level between 2 and 4 pCi/L
(picocuries per liter).

Disclaimer - The information provided in this report was obtained from a variety of public sources. GeoSearch cannot ensure and makes no warranty or representation as to the accuracy, reliability, quality, errors occurring from data conversion or the customer's interpretation of this report. This report was made by GeoSearch for exclusive use by its clients only. Therefore, this report may not contain sufficient information for other purposes or parties. GeoSearch and its partners, employees, officers And independent contractors cannot be held liable For actual, incidental, consequential, special or exemplary damages suffered by a customer resulting directly or indirectly from any information provided by GeoSearch.



www.geo-search.net · phone: 888-396-0042 · fax: 512-472-9967

DATABASE FINDINGS SUMMARY

DATABASE	ACRONYM	LOCA- TABLE	UNLOCA- TABLE	SEARCH RADIUS (miles)
STATE (CA)				
OIL AND GAS	OG	0	0	0.5000
SUB-TOTAL		0	0	

TOTAL

0 0



www.geo-search.net · phone: 888-396-0042 · fax: 512-472-9967

LOCATABLE DATABASE FINDINGS

ACRONYM	Target Property	SEARCH RADIUS (miles)	1/8 Mile (> TP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
STATE (CA)								
OG		.5000	0	0	0	0	NS	0
SUB-TOTAL			0	0	0	0	0	0

TOTAL	0	0	0	0	0	0	0
-------	---	---	---	---	---	---	---

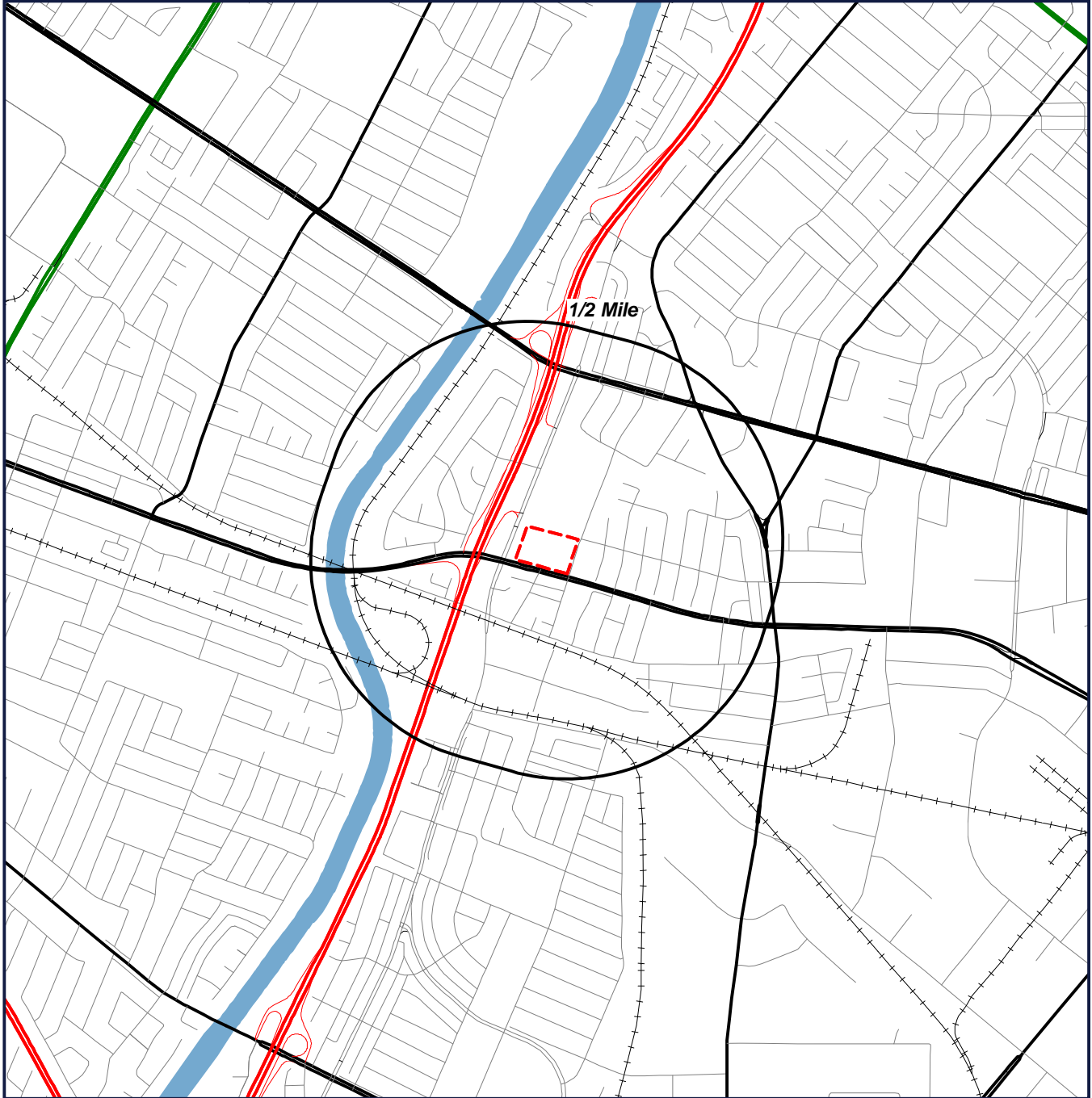
NOTES:



NS = NO SEARCH REQUESTED BY CUSTOMER



www.geo-search.net · phone: 888-396-0042 · fax: 512-472-9967

OIL / GAS WELL MAP



-  Target Property (TP)
-  Well Location

**Pioneer High School Stadium
Improvements
10800 Benavon Street
Whittier, California
90606**



0' 1000' 2000' 3000'
SCALE: 1" = 2000'

GeoSearch

www.geo-search.net - phone: 888-396-0042 - fax: 512-472-9967

ENVIRONMENTAL RECORDS DEFINITIONS - STATE (CA)

OG Oil and Gas

VERSION DATE: 8/2012

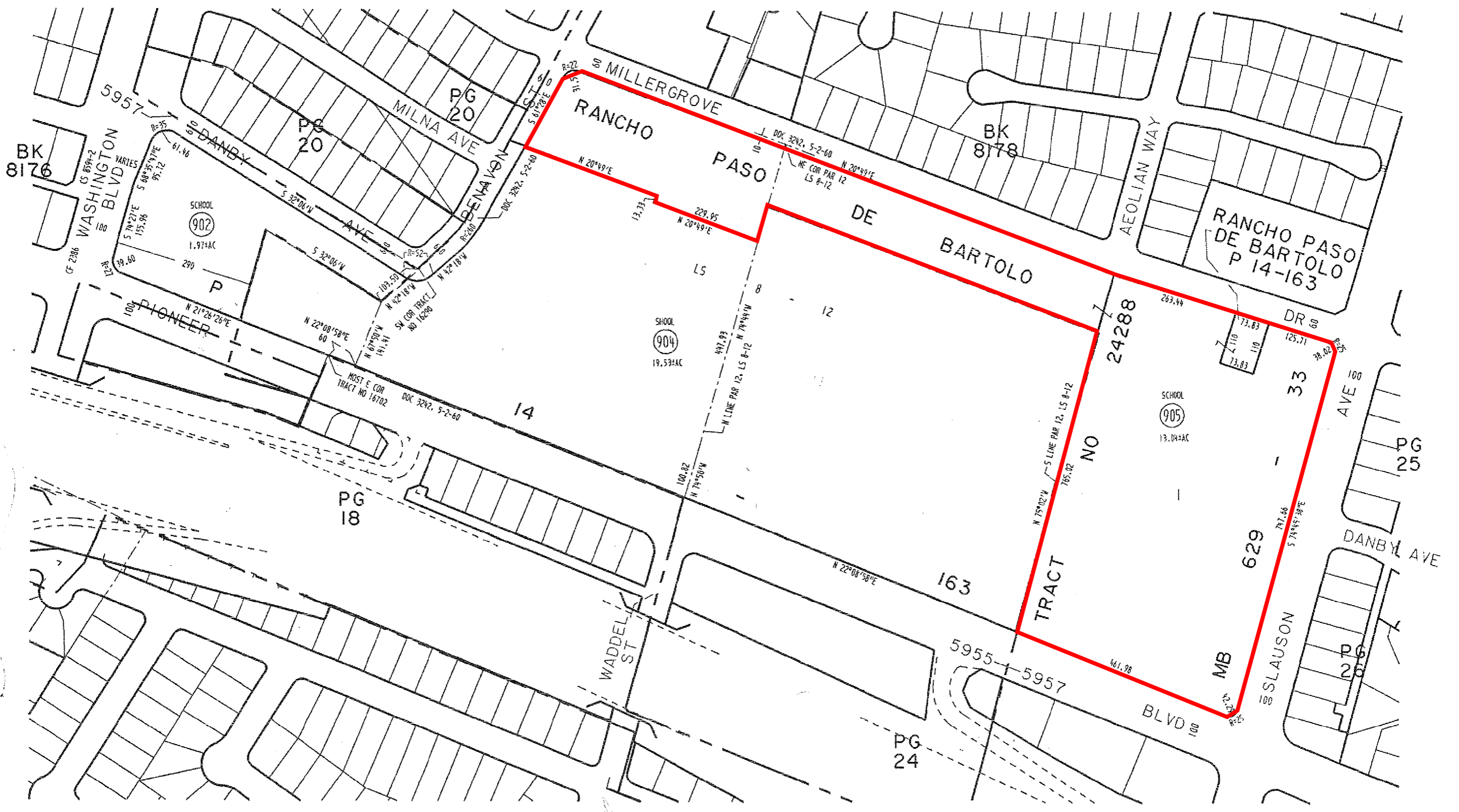
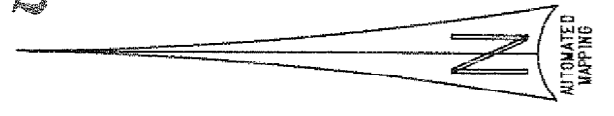
This oil, gas, and geothermal well information database is maintained by the California Department of Conservation's Division of Oil, Gas, and Geothermal Resources. The database information may change without notice. The Department of Conservation makes no warranties, whether expressed or implied, as to the suitability of the product for any particular purpose. Any use of this information is at the user's own risk.



www.geo-search.net · phone: 888-396-0042 · fax: 512-472-9967

Appendix J
Assessor's Parcel Maps

1992



Appendix K

Records of Communication



Department of Toxic Substances Control



Matthew Rodriguez
Secretary for
Environmental Protection

Deborah O. Raphael, Director
9211 Oakdale Avenue
Chatsworth, California 91311

Edmund G. Brown Jr.
Governor

December 14, 2012

Mr. Zach Freeman
Leighton Consulting, Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730

9800 South Mills Avenue, Whittier, CA
10800 Benavon Street, Whittier, CA
PR #31212122

Dear Mr. Freeman:

We have received your Public Records Act Request for records from the Department of Toxic Substances Control.

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 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.

If you have any questions, would like further information regarding your request or would like an appointment to visit Chatsworth's Central Files, please contact me at (818) 717-6522.

Sincerely,

Glenn Castillo/cs
Regional Records Coordinator



Matthew Rodriguez
Secretary for
Environmental Protection



Department of Toxic Substances Control

Deborah O. Raphael, Director
5796 Corporate Ave
Cypress, California 90630



Edmund G. Brown Jr.
Governor

December 11, 2012

Mr. Zack Freeman
Leighton Consulting, Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, California 91730

PR41211126 Sites: 10800 Benavon St., & 9800 S. Mills Ave, Whittier

Dear Mr. Freeman:

We have received your request for records from the Department of Toxic Substances Control 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 sites/facilities referenced above.

Plus, for any future requests, please combine sites on one page or add a second page with all the sites. We do not need complete paragraphs that you may have added "stating conducting a Phase I," etc., etc. We pull entire site documents.

If you have any questions, would like further information regarding your request, please contact our Regional Records Coordinator at (714) 484-5336.

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 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,

Jone Barrio
Regional Records Coordinator
Cypress Administrative Services



Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

December 11, 2012

Underground Storage Tank Program
Los Angeles County Public Works
900 S. Fremont Avenue 3rd Floor Annex
Alhambra, CA 91803
FACSIMILE: (626) 458-3569

Subject: **File Review**

Dear File Review:

Leighton Consulting, Inc. (Leighton) is requesting information for the following addresses:

- **10800 Benavon Street, Whittier, California** → *m. files found*

We are requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmental sensitive spills, responses or concerns. Thank you for your assistance.

Sincerely

LEIGHTON CONSULTING, INC.

Zach Freeman
Sr. Staff Geologist
(909) 527-8785 (phone)
(909) 484-2170 (fax)
zfreeman@leightongroup.com

Post-it® Fax Note	7671	Date	12-11	# of pages	▲
To	Zach Freeman	From			
Co./Dept.	Leighton Consulting	Co.	LACISPW		
Phone #		Phone #	(626) 458-3569		
Fax #	909-484-2170	Fax #			

From: [Yvette Caldero](#)
To: [Zachary Freeman](#)
Subject: re: 9800 S. Mills Ave & 10800 E. Benavon St, Whittier Ca 90606
Date: Wednesday, December 26, 2012 3:03:26 PM

Zach,

We received a file for 9800 S. Mills Ave & 10800 E. Benavon St, Whittier Ca 90606.
Please call or email me back if you would like to set up an appointment to review it.
We Do file reviews Mon-Thursday from 9:00am to 3:00pm.
The earliest appointment would be Monday 12/31/12.

Yvette

Yvette Caldero
Public Health Investigation
Los Angeles County Department of Public Health
5555 Ferguson Drive Suite 120-04
Commerce, Ca 90022
(323)890-7806
(323)728-0217 Fax

Important: This e-mail message is intended for the exclusive use of the recipient(s) named above. It may contain information that is protected, privileged, or confidential, and it should not be disseminated, distributed, or copied to persons not authorized to receive such information. If you are not the intended recipient, any dissemination, distribution, or copying is strictly prohibited. If you think you have received this e-mail message in error, please notify the sender immediately.

Important: This email message is intended for the exclusive use of the recipient(s) named above. It may contain information that is protected, privileged, or confidential and it should not be disseminated, distributed, or copied to persons not authorized to receive such information. If you are not the intended recipient, any dissemination, distribution, or copying is strictly prohibited. If you think you have received this e-mail message

in error, please notify the sender immediately.

From: [Gallardo, Laura@Waterboards](mailto:Gallardo.Laura@Waterboards)
To: [Zachary Freeman](mailto:Zachary.Freeman)
Cc: [Gallardo, Laura@Waterboards](mailto:Gallardo.Laura@Waterboards)
Subject: File Review Request/Tracking No. 2012121301
Date: Thursday, December 20, 2012 4:06:42 PM

*****The Los Angeles Regional Water Quality Control Board is going paperless, please submit future file review requests via e-mail to RB4-publicrecords@waterboards.ca.gov.*****

Thank you for your request to review Regional Board records concerning the property on 10800 Benavon Street, Whittier, CA & 9800 S. Mills Avenue, Whittier, CA.

The Regional Board has reviewed its files and has concluded that it does not have any records that are responsive to your request.

Laura C. Gallardo
Associate Analyst
213.576.6636 (office)
213.576.6676 (fax)

Public Records and Freedom of Information Act
Rb4-Publicrecords@waterboards.ca.gov

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Office of the State Fire Marshal

Pipeline Safety Division

P.O. Box 944246

Sacramento, CA 94244-2460

Request ID: 12132012SFM006

TO: LEIGHTON CONSULTING
ZACH FREEMAN
10532 ACACIA STREET #B-61
RANCHO CUCAMONGA, CA 91730

Phone: 909 484 2205
Fax: 909 484 2170

FROM: Lisa Dowdy

Phone: (916) 445-8477
Fax: (916) 445-8526

PIPELINE LOCATION REQUEST FOR:

**10800 BENAVIDES STREET
WHITTIER, CA 90606**

LOS ANGELES Thomas Brothers Book
Page 706, Grid G,H1

THERE ARE NO PIPELINES JURISDICTIONAL TO THE STATE FIRE MARSHAL
IN THE AREA FOR WHICH YOU HAVE INQUIRED.

- FOR NATURAL GAS PIPELINES PLEASE CONTACT YOUR LOCAL GAS COMPANY

- FOR OTHER TYPES OF PIPELINE PLEASE CONTACT THE DIVISION OF OIL AND GAS AT
(714) 816-6847

- FOR PUBLIC UTILITIES PLEASE CONTACT THE PUBLIC UTILITIES COMMISSION AT (415)
703-2782

Disclaimer: The pipeline information and data represented in this correspondence varies in accuracy, scale, origin and completeness and may be changed at any time without notice. While the Office of the State Fire Marshal, Pipeline Safety Division (OSFM/PSD) makes every effort to provide accurate information, OSFM/PSD makes no warranties as to the suitability of this product for any particular purpose. Any use of this information is at the user's own risk.

For further information or suggestions regarding the data on this site, please contact the Office of the State Fire Marshal, Pipeline Safety Division at P.O. Box 944246, Sacramento, CA 94244 or call (916) 445-8477.



Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

December 11, 2012

Department of Toxic Substances Control
9211 Oakdale Avenue
Chatsworth, CA 91311-6505
818-717-6521 (Phone)
VIA FACSIMILE: (818)-717-6526

Subject: **File Review**

Dear Ms. Tutaan:

Leighton Consulting, Inc. (Leighton) is requesting information for the following addresses:

- **10800 Benavon Street, Whittier, CA**

We are requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmental sensitive spills, responses or concerns. Thank you for your assistance.

Sincerely

LEIGHTON CONSULTING, INC.

Zach Freeman
Sr. Staff Geologist
(909) 527-8785 (phone)
(909) 484-2170 (fax)
zfreeman@leightongroup.com



Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

December 11, 2012

Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, CA 90630
(714) 484-5300 (Phone)
VIA FACSIMILE: (714) 484-5318 OR (714) 484-5302

Subject: **File Review**

Dear Ms. Barrio:

Leighton Consulting, Inc. (Leighton) is requesting information for the following addresses:

- **10800 Benavon Street, Whittier, CA**

We are requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmental sensitive spills, responses or concerns. Thank you for your assistance.

Sincerely

LEIGHTON CONSULTING, INC.

Zach Freeman
Sr. Staff Geologist
(909) 527-8785 (phone)
(909) 484-2170 (fax)
zfreeman@leightongroup.com



Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

December 11, 2012

Ms. Lisa Dowdy
Office of the State Fire Marshall
Fax No. (916) 445-8526

Subject: **Pipeline Location Certification Form.**

Dear Lisa,

Leighton Consulting, Inc. is requesting information for the following addresses:

- **Pioneer High School, 10800 Benavon Street, Whittier, California**

I am requesting the completion of a Pipeline Certification by an engineer for the subject property. A map is included to indicate the subject property location.

I am interested in the presence of pipelines jurisdiction to the State Fire Marshall's office within approximately 500 feet of the subject site.

Included is a Thomas Guide Map with the Site Location noted. The subject site is located on Thomas Guide Page Number 706, Grids G1 and H1.

Sincerely,

LEIGHTON CONSULTING, INC.

Zach Freeman
Sr. Staff Geologist
(909) 527-8785 (phone)
(909) 484-2170 (fax)
zfreeman@leightongroup.com



Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

December 11, 2012

Underground Storage Tank Program
Los Angeles County Public Works
900 S. Fremont Avenue 3rd Floor Annex
Alhambra, CA 91803
FACSIMILE: (626) 458-3569

Subject: **File Review**

Dear File Review:

Leighton Consulting, Inc. (Leighton) is requesting information for the following addresses:

- **10800 Benavon Street, Whittier, California**

We are requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmental sensitive spills, responses or concerns. Thank you for your assistance.

Sincerely

LEIGHTON CONSULTING, INC.

Zach Freeman
Sr. Staff Geologist
(909) 527-8785 (phone)
(909) 484-2170 (fax)
zfreeman@leightongroup.com



Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

December 11, 2012

Regional Water Quality Control Board – Los Angeles Region
Well Investigation Program
320 W. 4th Street
Los Angeles, CA 90013
(213)-576-6600 (Phone)
VIA FACSIMILE: (213)-576-6640

Subject: **File Review**

Leighton Consulting, Inc. (Leighton) is requesting information for the following addresses:

- **10800 Benavon Street, Whittier, California**

We are requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, groundwater remediation or any other environmental sensitive spills, responses or concerns. Thank you for your assistance.

Sincerely

LEIGHTON CONSULTING, INC.

Zach Freeman
Sr. Staff Geologist
(909) 527-8785 (phone)
(909) 484-2170 (fax)
zfreeman@leightongroup.com



Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

December 11, 2012

Custodian of Records
Los Angeles County Public Health Investigations
5555 Ferguson Drive, Suite 120-04
Commerce, CA 90022
FACSIMILE: (323) 728-0217

Subject: **File Review**

Dear File Review:

Leighton Consulting, Inc. (Leighton) is requesting information for the following addresses:

- **10800 Benavon Street, Whittier, California 90606**

We are requesting any information concerning hazardous waste/materials, underground storage tanks, leaking underground storage tanks cleanup, inspections, violations, or any other environmental sensitive spills, responses or concerns. Thank you for your assistance.

Sincerely

LEIGHTON CONSULTING, INC.

Zach Freeman
Sr. Staff Geologist
(909) 484-2205 (phone)
(909) 484-2170 (fax)
zfreeman@leightongroup.com



Leighton Consulting, Inc.

A LEIGHTON GROUP COMPANY

Phase I ESA Owner/Site Contact Interview Form

Interviewee Name: Annette Ledesma Title: Asst Principal for Business and Activities
Interviewee Name: Luis Lagos Title: Head Custodian
Address: 10800 Benawan Ave, Whittier, CA Phone: (562) 447-8753
Relationship to Property: Employee
Name and Address of Owner of the Property: WUUSD
Date of Ownership: 1959 Site Name: Pioneer High School
Property Address: 10800 Benawan Ave, Whittier, CA
Previous Street Names/Numbers: Unk
General Business Type/Present Property Use: School
Assessor Parcel Number: 8177-014-905 Total # of Buildings: Unk
Grand Total Square Footage: Unk Date Built: 1959
Past Property Uses (include dates): agricultural prior to 1959
Source of Potable Water Supply (municipal/groundwater wells): municipal
Sewage Disposal (municipal/septic) (provide name of utility): municipal
Means of Heating/Cooling (gas, electric, heating oil, etc.): gas/electric
Fuel Source for Heating/Air Conditioning (provide name of utility): SCE/SCG
Neighboring Property Types (commercial/industrial/residential): Commercial/residential
Current Uses of Adjoining Properties: North: Pioneer Hs
South: Residential
East: Residential
West: Commercial

ARE THERE NOW, OR HAVE THERE BEEN IN THE PAST, ANY OF THESE ITEMS ONSITE OR ON ADJACENT PROPERTIES:

ITEM	YES	NO	UNK.	ADJACENT PROPERTY
Hazardous Materials		X		
Hazardous Waste		X		
MSDS Sheets		X		
Underground Storage Tanks		X		
Aboveground Storage Tanks		X		
Vent Pipes, fill pipes, or access ways indicating a fill pipe to an underground storage area		X		
Odors		X		
Drums		X		
Electrical or hydraulic equipment known to contain PCBs		X		
Stained soil or surfaces		X		
Drains	X	X		stormdrain
Sumps		X		
Clarifier		X		
Pits, ponds, or lagoons		X		
Stressed vegetation		X		
Areas for dumping solid waste (landfill)		X		
Wastewater		X		
Wells (oil or gas)		X		
Septic Systems		X		
Fill Material (if fill material is on site, please state source of fill)		X		

ADDITIONAL QUESTIONS:	YES	NO	UNK	REMARKS
Has the Site been used as any of the following: gas station, motor repair facility, commercial printing facility, dry cleaners, photo developing laboratory, junkyard, or landfill, or as a waste treatment, storage, disposal, processing, or recycling facility? If so, state which type of facility.		X		former agricultural
Are you aware of any regulatory compliance audit reports, geotechnical reports, Phase I Environmental Site Assessments, or Phase II Environmental Site Assessments, or soil sampling reports prepared for the Site?		X		
Do you know of any notices or correspondence from any government agency relating to past or current violations of environmental laws with respect to the Site or relating to environmental liens encumbering the Site?		X		
Do you know of any pending, threatened, or past litigation or administrative proceedings relevant to hazardous substances or petroleum products in, on or from the Site?		X		
Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?		X		
Do you know of any environmental concerns associated with the Site? If so please state in remarks column.		X		
Do you know of any environmental concerns associated with any adjacent or nearby properties? If so please state in remarks column.		X		

Current Property Owner's Time Period of Ownership: 1959 to present

Property Utilization During Ownership: High School

Name and Address of Past Owners: Unknown

Additional Comments: _____

Preparer presents that to the best of the preparer's knowledge the above statements and facts are true and correct and to the best of the preparer's actual knowledge no material facts have been suppressed or misstated.

Signature

Date



Leighton

Phase I ESA Users Questionnaire

Project Name: Pioneer HS Stadium Modernization

Project Address or APN: 10300 Benavon Ave, Whittier, CA

Client (or user of the Phase I Environmental Site Assessment): WUHSD
Name/Title: Annette Ledesma
Luis Lagos

Client Phone:

Reason Phase I is required:
EIR

Type of property:
High School

Type of property transaction (e.g., Sale, purchase, exchange):
N/A

Complete and Correct Address of the property and APN(s):
10300 Benavon Ave, Whittier CA 8177-019-905

Any scope of services beyond the ASTM Practice E 1527:
none

All Parties that will rely on the Phase I report:
Flewelling & Moody Architects

Name and Contact Information for Site Contact:
Annette Ledesma

Any special terms or conditions:
none

Any other pertinent knowledge or experience with the property (e.g., prior reports, documents, correspondence concerning the environmental conditions of the property):
none



Leighton

(1). Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25).

Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law? Yes | No

If Yes, Describe:

(2). Activity and land use limitations (AULs) that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26).

Are you aware of any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state or local law? Yes | No

If Yes, Describe:

(3). Specialized knowledge or experience of the person seeking to qualify for the Landowners Liability Protections (LLP) (40 CFR 312.28).

As the user of this ESA do you have any specialized knowledge or experience related to the property or the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business? Yes | No

If Yes, Describe:

(4). Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 DRF 312.29).

Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property? Yes | No

If Yes, Describe: *N/A*

(5). Commonly known or reasonable ascertainable information about the property (40 CFR 312.30).

Are you aware of commonly known or *reasonably ascertainable* information about the property that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as user,

- (a.) Do you know the past uses of the property? Yes | No
- (b.) Do you know of specific chemicals that are present or once were present at the property? Yes | No *none used*
- (c.) Do you know of spills or other chemical releases that have taken place at the property? Yes | No
- (d.) Do you know of any environmental cleanups that have taken place at the property? Yes | No

If Yes, Describe:

(6). The degree of obviousness of the presence of likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31).

As the user of this ESA, based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of contamination at the property? Yes |

No

If Yes, Describe:



Appendix L

ASFE – Information About Geoenvironmental Reports

Important Information About Your Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. *Have realistic expectations.* Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

Beware of Change; Keep Your Geoenvironmental Professional Advised

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- replacement of or additions to the financing entity,
- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvironmental report.* Advise your geoenvironmental professional immediately; follow the professional's advice.

Recognize the Impact of Time

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

Prepare To Deal with Unanticipated Conditions

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing.* Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental professional has applied that specific information to develop a general opinion about environmental conditions. *Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report.* For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. *Even conditions in areas that were tested can change,* sometimes suddenly, due to any number of events, not the least of which include occurrences at

adjacent sites. Recognize, too, that *even some conditions in tested areas may go undiscovered*, because the tests or analytical methods used were designed to detect only those conditions assumed to exist.

Manage your risks by retaining your geoenvironmental professional to work with you as the project proceeds. Establish a contingency fund or other means to enable your geoenvironmental professional to respond rapidly, in order to limit the impact of unforeseen conditions. And to help prevent any misunderstanding, identify those empowered to authorize changes and the administrative procedures that should be followed.

Do Not Permit Any Other Party To Rely on the Report

Geoenvironmental professionals design their studies and prepare their reports to meet the specific needs of the clients who retain them, in light of the risk management methods that the client and geoenvironmental professional agree to, and the statutory, regulatory, or other requirements that apply. The study designed for a developer may differ sharply from one designed for a lender, insurer, public agency...or even another developer. *Unless the report specifically states otherwise, it was developed for you and only you.* Do not unilaterally permit any other party to rely on it. The report and the study underlying it may not be adequate for another party's needs, and you could be held liable for shortcomings your geoenvironmental professional was powerless to prevent or anticipate. Inform your geoenvironmental professional when you know or expect that someone else—a third-party—will want to use or rely on the report. *Do not permit third-party use or reliance until you first confer with the geoenvironmental professional who prepared the report.* Additional testing, analysis, or study may be required and, in any event, appropriate terms and conditions should be agreed to so both you and your geoenvironmental professional are protected from third-party risks. *Any party who relies on a geoenvironmental report without the express written permission of the professional who prepared it and the client for whom it was prepared may be solely liable for any problems that arise.*

Avoid Misinterpretation of the Report

Design professionals and other parties may want to rely on the report in developing plans and specifications. They need to be advised, in writing, that their needs may not have been considered when the study's scope was developed, and, even if their needs were considered, they might misinterpret geoenvironmental findings, conclusions, and recommendations. *Commission your geoenvironmental professional to explain pertinent elements of the report to others who are permitted to rely on it, and to review any plans, specifications or other instruments of professional service that incorporate any of the report's findings, conclusions, or recommendations.* Your geoenvironmental professional has the best understanding of the issues involved, including the fundamental assumptions that underpinned the study's scope.

Give Contractors Access to the Report

Reduce the risk of delays, claims, and disputes by giving contractors access to the full report, *providing that it is accompanied by a letter of transmittal that can protect you* by making it unquestionably clear that: 1) the study was not conducted and the report was not prepared for purposes of bid development, and 2) the findings, conclusions, and recommendations included in the report are based on a variety of opinions, inferences, and assumptions and are subject to interpretation. Use the letter to also advise contractors to consult with your geoenvironmental professional to obtain clarifications, interpretations, and guidance (a fee may be required for this service), and that—in any event—they should conduct additional studies to obtain the specific type and extent of information each prefers for preparing a bid or cost estimate. Providing access to the full report, with the appropriate caveats, helps prevent formation of adversarial attitudes and claims of concealed or differing conditions. If a contractor elects to ignore the warnings and advice in the letter of transmittal, it would do so at its own risk. Your geoenvironmental professional should be able to help you prepare an effective letter.

Do Not Separate Documentation from the Report

Geoenvironmental reports often include supplemental documentation, such as maps and copies of regulatory files, permits, registrations, citations, and correspondence with regulatory agencies. If subsurface explorations were performed, the report may contain final boring logs and copies of laboratory data. If remediation activities occurred on site, the report may include: copies of daily field reports; waste manifests; and information about the disturbance of subsurface materials, the type and thickness of any fill placed on site, and fill placement practices, among other types of documentation. *Do not separate supplemental documentation from the report. Do not, and do not permit any other party to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.*

Understand the Role of Standards

Unless they are incorporated into statutes or regulations, standard practices and standard guides developed by the American Society for Testing and Materials (ASTM) and other recognized standards-developing organizations (SDOs) are little more than aspirational methods agreed to by a consensus of a committee. The committees that develop standards may not comprise those best-qualified to establish methods and, no matter what, no standard method can possibly consider the infinite client- and project-specific variables that fly in the face of the theoretical "standard conditions" to which standard practices and standard guides apply. In fact, these variables can be so pronounced that geoenvironmental professionals who comply with every directive of an ASTM or other standard procedure could run afoul of local custom and practice, thus violating the standard of care.

Accordingly, when geoenvironmental professionals indicate in their reports that they have performed a service "in general compliance" with one standard or another, it means they have applied professional judgement in creating and implementing a scope of service designed for the specific client and project involved, and which follows some of the general precepts laid out in the referenced standard. To the extent that a report indicates "general compliance" with a standard, you may wish to speak with your geoenvironmental professional to learn more about what was and was not done. *Do not assume a given standard was followed to the letter.* Research indicates that that seldom is the case.

Realize That Recommendations May Not Be Final

The technical recommendations included in a geoenvironmental report are based on assumptions about actual conditions, and so are preliminary or tentative. Final recommendations can be prepared only by observing actual conditions as they are exposed. For that reason, you should retain the geoenvironmental professional of record to observe construction and/or remediation activities on site, to permit rapid response to unanticipated conditions. *The geoenvironmental professional who prepared the report cannot assume responsibility or liability for the report's recommendations if that professional is not retained to observe relevant site operations.*

Understand That Geotechnical Issues Have Not Been Addressed

Unless geotechnical engineering was specifically included in the scope of professional service, a report is not likely to relate any findings, conclusions, or recommendations about the suitability of subsurface materials for construction purposes, especially when site remediation has been accomplished through the removal, replacement, encapsulation, or chemical treatment of on-site soils. The

equipment, techniques, and testing used by geotechnical engineers differ markedly from those used by geoenvironmental professionals; their education, training, and experience are also significantly different. If you plan to build on the subject site, but have not yet had a geotechnical engineering study conducted, your geoenvironmental professional should be able to provide guidance about the next steps you should take. The same firm may provide the services you need.

Read Responsibility Provisions Closely

Geoenvironmental studies cannot be exact; they are based on professional judgement and opinion. Nonetheless, some clients, contractors, and others assume geoenvironmental reports are or certainly should be unerringly precise. Such assumptions have created unrealistic expectations that have led to wholly unwarranted claims and disputes. To help prevent such problems, geoenvironmental professionals have developed a number of report provisions and contract terms that explain who is responsible for what, and how risks are to be allocated. Some people mistake these for "exculpatory clauses," that is, provisions whose purpose is to transfer one party's rightful responsibilities and liabilities to someone else. Read the responsibility provisions included in a report and in the contract you and your geoenvironmental professional agreed to. *Responsibility provisions are not "boilerplate."* They are important.

Rely on Your Geoenvironmental Professional for Additional Assistance

Membership in ASFE exposes geoenvironmental professionals to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a geoenvironmental project. Confer with your ASFE-member geoenvironmental professional for more information.



8811 Colesville Road/Suite G106, Silver Spring, MD 20910
Telephone: 301/565-2733 Facsimile: 301/589-2017
e-mail: info@asfe.org www.asfe.org

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**PHASE I ENVIRONMENTAL SITE ASSESSMENT ADDENDUM
REPORT FOR THE STADIUM MODERNIZATION PROJECT ON
THE EXISTING PIONEER HIGH SCHOOL CAMPUS,
LOCATED AT 10800 BEN AVON AVENUE, WHITTIER,
LOS ANGELES COUNTY, CALIFORNIA**

Prepared for:

WHITTIER UNION HIGH SCHOOL DISTRICT
9401 South Painter Avenue
Whittier, California 90605

Project No. 10084.002

March 27, 2013



Leighton Consulting, Inc.

A LEIGHTON GROUP COMPANY



Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

March 27, 2013

Project No. 10084.002

To: Whittier Union High School District
9401 South Painter Avenue
Whittier, California 90605

Attention: Mr. Don Lussier, Director of Facilities

Subject: Phase I Environmental Site Assessment Addendum Report for the Stadium Modernization Project on the Existing Pioneer High School Campus, Located at 10800 Ben Avon Avenue, Whittier, Los Angeles County, California

Introduction

In response to your request, Leighton Consulting, Inc. (Leighton Consulting) has conducted a Phase I Addendum soil investigation for the existing Pioneer High School Campus site, located at 10800 Ben Avon Avenue, Whittier, Los Angeles County, California (Site, Figure 1).

During the Phase I Environmental Site Assessment (ESA), historical aerial photographs and interviews showed that the stadium bleachers on the Site were constructed prior to 1968. Additional small structures and the varsity baseball field dugouts were added between 1968 and 1998. These buildings were constructed of metal framing and siding or masonry and no termite pesticide applications are suspected. The permanent buildings may have been painted with lead-based paint.

Prior to the construction of Pioneer High School the Site was occupied by agricultural fields. Based on the age of the school site there is a low potential for organochlorine pesticides to remain in the soil. However, arsenical pesticides may have been used and have the potential to remain in the soil.

An electrical transformer was also identified beneath the north side stadium bleachers. At the time of the Phase I ESA the transformer appeared in good condition and did not appear to be the oil filled variety, however, this may be a replacement for an older model that contained polychlorinated biphenyls (PCBs).

Several large cargo containers are present on the subject property. These are used primarily for the storage of sports equipment by the athletic department and are located west of the southern bleachers, east of the varsity baseball field, and north of the softball field. The age of these cargo containers is unknown and they may have been painted with lead based paint prior to being brought to the Site.

Scope of Work

The work included the collection of soil samples from 23 primary sample locations and six step out locations in the vicinity of the stadium bleachers, varsity baseball field dugouts, sports equipment containers located west of the southern bleachers, and the sports equipment containers and bleachers adjacent to the softball field identified on the Site during a review of historical aerial photographs (Leighton Consulting, 2013). Soil samples were analyzed for lead, arsenic, and polychlorinated biphenyls (PCBs) in accordance with the Department of Toxic Substances Control (DTSC) *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* (DTSC, 2006).

Soil Sampling

Leighton Consulting performed a soil investigation on February 14, 15, and March 5, 2013. Soil samples were collected from 29 locations (Figure 2) across the Site at the surface (0.0 to 0.5 feet below ground surface [bgs]), near surface (2.0 to 2.5 feet bgs), and at depth (3.5-4.0 feet bgs) using a hand auger. The samples were transferred to laboratory supplied glass jars. The auger was decontaminated between samples using a detergent scrub followed by a tap water rinse and two distilled water rinses. Field equipment blanks were collected following each day of sampling. Equipment blanks are collected by pouring distilled water over the decontaminated sampling equipment and

collecting the rinsate in an appropriate laboratory supplied container. Field equipment blanks were analyzed for the same analytes as the soil samples.

Soil samples were transported under chain of custody protocols to EnviroChem Laboratories in Pomona, California, for analysis.

Laboratory Analysis

A total of 46 primary, six QA/QC duplicate, 12 step-out, and two step-down soil samples were collected from 29 locations on the Site and analyzed by Enviro-Chem using Environmental Protection Agency (EPA) Method 6010B for lead and arsenic, and EPA Method 8082 for polychlorinated biphenyls (PCBs).

Results of the laboratory analyses are summarized in Tables 3 and 4. Copies of the laboratory results are provided in Appendix B.

Laboratory QA/QC

A QA/QC evaluation according to precision, accuracy, representativeness, completeness, and comparability (PARCC) parameters was performed relative to the project data quality objectives (DQOs). A PARCC validation report completed by Laboratory Data Consultants, Inc. has been included in Appendix C. The validation report was performed under EPA Level II guidelines. The results of the laboratory data validation for PARCC parameters were reported to be within the acceptable goals of the EPA guidelines. Of the 261 total analytes reported none of the sample results were rejected. The completeness was reported at 100 percent and met the DQO goal of 90 percent.

Soil Sample Laboratory Results

Lead concentrations were reported in each of the samples analyzed (Table 3). The concentrations of lead exceeded the California Human Health Screening Level (CHSSL) of 80 milligrams per kilogram (mg/kg) for unrestricted land use and the Lead Spread v.7 Model threshold of 255 mg/kg in one of the surface samples: BS-7-0.5 (276 mg/kg). Sample BB-2-0.5 (72.5 mg/kg) contained a concentration of lead greater than ten times the soluble threshold leaching concentration (STLC) limit of 5.0 milligrams per liter (mg/l). As a result, step out samples were collected surrounding these sample locations. Step-down samples were also collected at a depth of 4.0 feet bgs in the location of the original samples. The step-out and step down samples did not contain lead concentrations

greater the residential CHHSL of 80 mg/kg however samples BB-2NW-0.5 (64.7 mg/kg) and BB-2-SE-2.5 (53.5 mg/kg) contained concentrations of lead greater than 10 times the STLC limit.

Arsenic concentrations were reported in each of the samples analyzed (Table 3). The concentrations of arsenic exceeded the residential CHHSL but were below the DTSC recognized ambient background arsenic concentration for southern California soils of 12 mg/kg (DTSC, 2008) in each of the samples with the exception of ST-4-0.5 (17.9 mg/kg).

OCPs were not reported at concentrations exceeding the laboratory method detection limits in the samples analyzed (Table 4).

PCBs were not reported at concentrations exceeding the laboratory method detection limits in the samples analyzed (Table 5).

Conclusions

The limited soil investigation indicates concentrations of lead were detected in the surface and near surface samples taken from the vicinity of one of the storage containers and adjacent to the south of the tennis courts. The concentration of lead identified in BS-7-0.5, adjacent to the storage container, exceeds the CHHSLs for unrestricted residential land use. The surrounding step-out and step-down samples contain concentrations of lead below the CHHSLs for unrestricted residential land use.

Concentrations of arsenic in excess of the CHHSL for unrestricted residential land use were detected in each of the samples taken from across the site. The arsenic concentrations were however below the DTSC recognized ambient background arsenic concentration for southern California soils of 12 mg/kg (DTSC, 2008) in each of the samples with the exception of ST-4-0.5 (17.9 mg/kg). A 95% upper confidence level of 9.54 mg/kg was calculated for the arsenic concentrations observed on the site, less than the DTSC recognized ambient background arsenic concentration of 12 mg/kg (Appendix B).

Concentrations of PCBs and OCPs did not exceed the laboratory method detection limit.

Recommendations

Due to the low concentrations and limited extent of lead and arsenic concentrations identified at the site, Leighton Consulting recommends no further action.

This report and accompanying Phase I ESA report dated January 25, 2013 should be submitted to the Department of Toxic Substances Control in hard copy and electronic CD ROM format for review and comment. The report should be sent to the attention of Ellen Del Mar, DTSC Cypress Office, 5796 Corporate Avenue, Cypress, California 90630. A check in the amount of \$1,500 should be made payable to the DTSC Accounting/Cashier, at 1001 I Street, 21st Floor, P.O. Box 806, Sacramento, CA 95812-0806 with the school name identified with the submittal.

If you have questions regarding our report, please contact this office. We appreciate this opportunity to be of service.

Respectfully submitted,

LEIGHTON CONSULTING, INC.



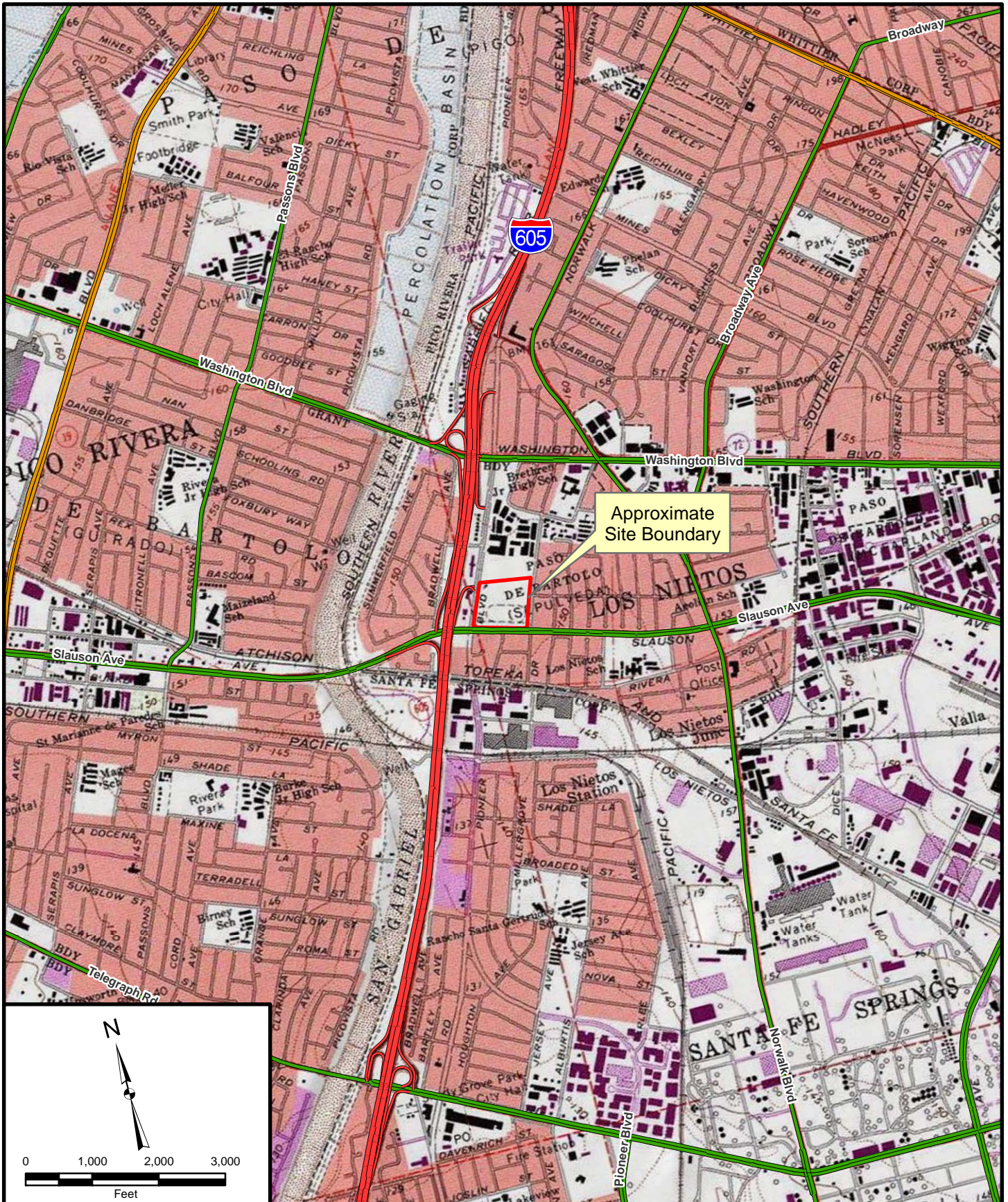
A handwritten signature in blue ink that reads "Richard L. Orr".

Richard L. Orr, PG 7199
Associate Geologist

ZAF/RLO/rsm

Attachments: Figure 1 - Site Location Map
Figure 2 - Sample Plan
Table 1 - Summary of Sampling and Analysis Program
Table 2 - Sample List
Table 3 - Summary of Metals Analyses
Table 4 - Summary of OCPs
Table 5 - Summary of PCBs
Appendix A - References
Appendix B - Laboratory Analytical Report and Chain-of- Custody Documentation
Appendix C - Laboratory Data Validation Report
Appendix D - ASFE Geoenvironmental Report

Distribution: (3 + 1 CD ROM) Addressee

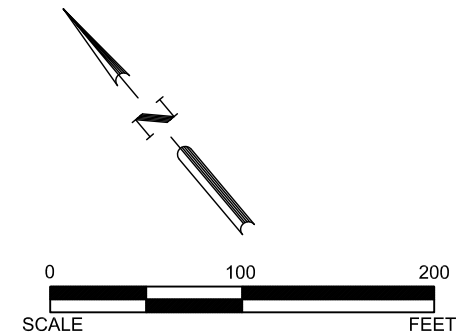
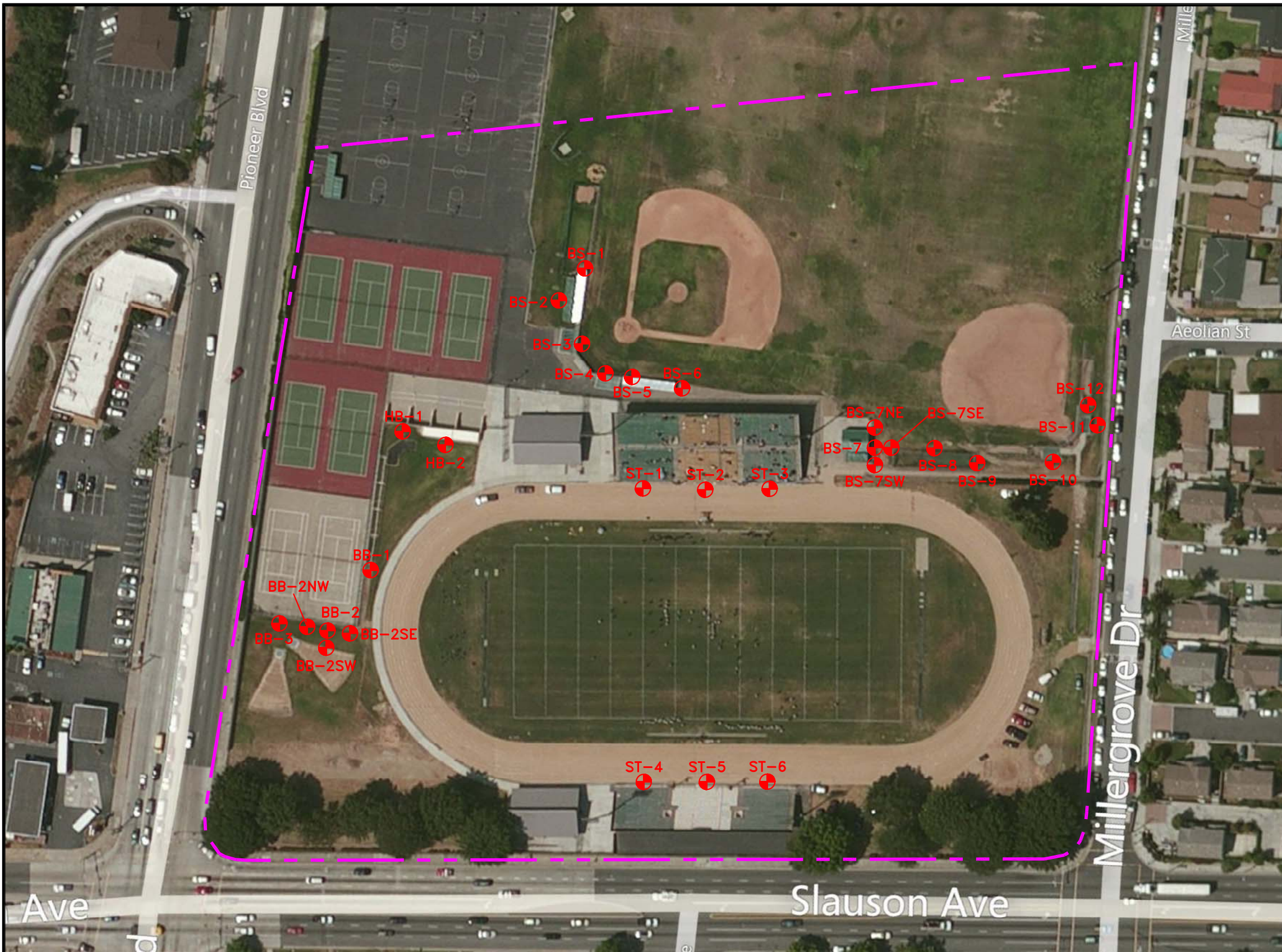


Project: 10084.001	Eng/Geol: RLO
Scale: 1" = 2,000'	Date: January, 2013
Base Map: ESRI Resource Center, 2010 Thematic Info: Leighton Author: Geomatics (btran)	

SITE LOCATION MAP
 Pioneer High School Stadium Modernization
 10800 Benavon Avenue
 Whittier, California

Figure 1

Leighton



LEGEND



APPROXIMATE SAMPLE LOCATIONS

Proj: 10084-001

Eng/Geol: RLO

Scale: 1"=100'

Date: 3/2013

SITE PLAN

PIONEER HIGH SCHOOL STADIUM MODERNIZATION
10800 BENAVAL AVENUE, WHITTIER, CALIFORNIA

FIGURE 2



Leighton

Table 1
SUMMARY OF SAMPLING AND ANALYSES PROGRAM
 WUHSD Pioneer High School
 10800 Benavon Avenue
 Whittier, California

Sample Location/ Number	General Parameters	Test Method of Analyses	Container	Preservative	Holding Time
<p>Lead-based Paint Soil samples were collected from 27 sample locations in the vicinity of the football stadium, baseball field structures, handball courts, tennis courts, and sports equipment storage containers. Samples were collected at depths of 0 to 0.5 feet and 2.0 to 2.5 feet bgs. Surface samples were analyzed for lead.</p> <p>(See Figure 2 for sample locations and parameters.)</p>	Lead	EPA 6010B	4 oz glass jar	4 °C	180 days
<p>Arsenical Pesticides Soil samples were collected from four sample locations across the subject property. Samples were collected at depths of 0 to 0.5 feet and 2.0 to 2.5 feet bgs and analyzed for arsenic.</p> <p>(See Figure 2 for sample locations and parameters.)</p>	Arsenic	EPA 6010B	4 oz glass jar	4 °C	180 days
<p>Termiticides Soil samples were collected at depths of 0 to 0.5 feet and 2.0 to 2.5 feet from six locations around the football bleachers, composited in to six composite samples, and analyzed for OCPs.</p> <p>(See Figure 2 for sample locations and parameters)</p>	OCPs	EPA 8081A	4 oz glass jar	4 °C	14 days to extraction, 40 days to analysis

Table 1
SUMMARY OF SAMPLING AND ANALYSES PROGRAM
 WUHSD Pioneer High School
 10800 Benavon Avenue
 Whittier, California

<p>Electrical transformer investigation</p> <p>Two soil borings were advanced in the vicinity of one electrical transformer identified on the subject property. Soil samples were collected at depths of 0 to 0.5 feet and 2.0 to 2.5 feet bgs. Samples were analyzed for PCBs.</p> <p>(See Figure 2 for sample locations and parameters.)</p>	PCBs	EPA 8082	4 oz glass jar	4 °C	14 days to extraction, 40 days to analysis
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QA/QC SAMPLES					
Sample Description	General Parameters	Test Method of Analyses	Container	Preservative	Holding Time
<p>Field duplicates were collected at the following sample locations BB-102, BB-105, BS-105, HB-102, and ST-104. Duplicates were analyzed for the same analytes as the primary samples. Duplicates are designated as 1xx.</p> <p>(See Table 2 for the number of samples and parameters to be tested)</p>	Lead and Arsenic OCPs PCBs	EPA 6010B EPA 8081A EPA 8082	4 oz glass jar 4 oz glass jar 4 oz glass jar	4 °C 4 °C 4 °C	180 days 14 days to extraction, 40 days to analysis 14 days to extraction, 40 days to analysis
<p>Field equipment blanks were collected following each day of sampling. Equipment blanks are collected by pouring distilled water over the decontaminated sampling equipment and collecting the rinsate in an appropriate laboratory supplied container. Field equipment blanks were analyzed for the same analytes as the soil samples. Equipment blanks are designated as 200-1, 200-2, and 300-1</p> <p>(See Table 2 for the number of samples and parameters to be tested)</p>	Lead and Arsenic OCPs PCBs	EPA 6010B EPA 8081A EPA 8082	500 ml poly 1L amber glass jar 1L amber glass jar	HNO ₃ 4 °C 4 °C	180 days 14 days to extraction, 40 days to analysis 14 days to extraction, 40 days to analysis

Sample List
WUHSD Pioneer High School
10800 Benavon Avenue
Whittier, California

Soil Sample Location	Sample Number	OCP Composite Samples	Depth (ft)	Arsenic (6010B)	Lead (6010B)	OCPs (8081A)	PCBs (8082)
Stadium Samples	ST-1-0.5	ST-1	0.0 - 0.5	X	X	X	
	ST-1-2.5		2.0 - 2.5	X	Hold	X	
	ST-2-0.5	ST-2	0.0 - 0.5		X	X	
	ST-2-2.5		2.0 - 2.5		Hold	X	
	ST-3-0.5	ST-3	0.0 - 0.5	X	X	X	
	ST-3-2.5		2.0 - 2.5	X	Hold	X	
	ST-4-0.5	ST-4	0.0 - 0.5		X	X	
	ST-4-2.5		2.0 - 2.5		Hold	X	
	ST-5-0.5	ST-5	0.0 - 0.5	X	X	X	
	ST-5-2.5		2.0 - 2.5	X	Hold	X	
	ST-6-0.5	ST-6	0.0 - 0.5		X	X	
	ST-6-2.5		2.0 - 2.5		Hold	X	
Handball Court Samples	HB-1-0.5		0.0 - 0.5		X		
	HB-1-2.5		2.0 - 2.5		Hold		
	HB-2-0.5		0.0 - 0.5		X		
	HB-2-2.5		2.0 - 2.5		Hold		
Tennis Court Samples	BC-1-0.5		0.0 - 0.5		X		
	BC-1-2.5		2.0 - 2.5		Hold		
	BC-2-0.5		0.0 - 0.5		X		
	BC-2-2.5		2.0 - 2.5		Hold		
	BC-3-0.5		0.0 - 0.5		X		
	BC-3-2.5		2.0 - 2.5		Hold		
Baseball Field Structure	BB-1-0.5		0.0 - 0.5	X	X		
	BB-1-2.5		2.0 - 2.5	X	Hold		
	BB-2-0.5		0.0 - 0.5		X		
	BB-2-2.5		2.0 - 2.5		Hold		
	BB-3-0.5		0.0 - 0.5		X		
	BB-3-2.5		2.0 - 2.5		Hold		
	BB-4-0.5		0.0 - 0.5		X		
	BB-4-2.5		2.0 - 2.5		Hold		
	BB-5-0.5		0.0 - 0.5		X		
	BB-5-2.5		2.0 - 2.5		Hold		
	BB-6-0.5		0.0 - 0.5		X		
	BB-6-2.5		2.0 - 2.5		Hold		
BB-7-0.5		0.0 - 0.5		X			
BB-7-2.5		2.0 - 2.5		Hold			

Sample List
WUHSD Pioneer High School
10800 Benavon Avenue
Whittier, California

Soil Sample Location	Sample Number	OCP Composite Samples	Depth (ft)	Arsenic (6010B)	Lead (6010B)	OCPs (8081A)	PCBs (8082)
Baseball Field Structure	BB-8-0.5		0.0 - 0.5		X		
	BB-8-2.5		2.0 - 2.5		Hold		
	BB-9-0.5		0.0 - 0.5		X		
	BB-9-2.5		2.0 - 2.5		Hold		
	BB-10-0.5		0.0 - 0.5		X		
	BB-10-2.5		2.0 - 2.5		Hold		
	BB-11-0.5		0.0 - 0.5		X		
	BB-11-2.5		2.0 - 2.5		Hold		
	BB-12-0.5		0.0 - 0.5		X		
	BB-12-2.5		2.0 - 2.5		Hold		
Transformer Samples	TF-1-0.5		0.0 - 0.5				X
	TF-1-2.5		2.0 - 2.5				X
	TF-2-0.5		0.0 - 0.5				X
	TF-2.2.5		2.0 - 2.5				X
Field QA/QC Samples	BB-102-0.5		0.0 - 0.5		X		
	BB-105-0.5		0.0 - 0.5		Hold		
	BS-105-0.5		0.0 - 0.5		X		
	HB-102-0.5		0.0 - 0.5		Hold		
	ST-103-0.5		0.0 - 0.5	X	X		
	ST-103-2.5		2.0 - 2.5	X	Hold		
	ST-104-0.5		0.0 - 0.5			X	
	ST-104-2.5		2.0 - 2.5			X	
	TR-101-0.5		0.0 - 0.5				X
TR-101-2.5		2.0 - 2.5				X	
Equipment Rinsate Blank (One Per Day)	200-1		N/A	X	X	X	
	200-2		N/A	X	X	X	X
	300-1		N/A		X		

Notes:

OCP: Organochlorine Pesticides

PCB: Polychlorinated Biphenyls

Depths are in feet below ground surface

Table 3
SUMMARY OF METALS ANALYSES

WUHSD Pioneer HS
10800 Benavon Avenue
Whittier, California

Sample ID (Depth in Feet)	Sample Date	Arsenic (mg/kg)	Lead (mg/kg)
ST-1-0.5	2/13/2013	7.24	7.96
ST-1-2.5	2/13/2013	4.51	Hold
ST-2-0.5	2/13/2013	-	10.1
ST-2-2.5	2/13/2013	-	Hold
ST-3-0.5	2/13/2013	1.25	46.3
ST-3-2.5	2/13/2013	1.01	Hold
ST-4-0.5	2/13/2013	17.9	12.5
ST-4-2.5	2/13/2013	11.8	Hold
ST-5-0.5	2/13/2013	-	20.4
ST-5-2.5	2/13/2013	-	Hold
ST-6-0.5	2/13/2013	-	8.0
ST-6-2.5	2/13/2013	-	Hold
HB-1-0.5	2/13/2013	-	25.0
HB-1-2.5	2/13/2013	-	Hold
HB-2-0.5	2/13/2013	-	10.3
HB-2-2.5	2/13/2013	-	Hold
BB-1-0.5	2/12/2013	7.63	19.9
BB-1-2.5	2/12/2013	3.06	Hold
BB-2-0.5	2/12/2013	-	72.4
BB-2-2.5	2/12/2013	-	Hold
BB-2-4.0	3/5/2013	-	3.68
BB-2NW-0.5	3/5/2013	-	64.7
BB-2NW-2.5	3/5/2013	-	4.31
BB-2SW-0.5	3/5/2013	-	41.5
BB-2SW-2.5	3/5/2013	-	5.40
BB-2SE-0.5	3/5/2013	-	3.98
BB-2SE-2.5	3/5/2013	-	53.5
BB-3-0.5	2/12/2013	-	52.6
BB-3-2.5	2/12/2013	-	Hold
BS-1-0.5	2/12/2013	7.63	33.3
BS-1-2.5	2/12/2013	3.06	Hold
BS-2-0.5	2/12/2013	-	70.9
BS-2-2.5	2/12/2013	-	Hold
BS-3-0.5	2/12/2013	-	7.99
BS-3-2.5	2/12/2013	-	Hold
BS-4-0.5	2/12/2013	-	13.8
BS-4-2.5	2/12/2013	-	Hold
BS-5-0.5	2/12/2013	-	34.3
BS-5-2.5	2/12/2013	-	14.8
BS-6-0.5	2/12/2013	-	4.30
BS-6-2.5	2/12/2013	-	Hold
BS-7-0.5	2/12/2013	-	276
BS-7-2.5	2/12/2013	-	Hold
BS-7-4.0	3/5/2013	-	3.15
BS-7NE-0.5	3/5/2013	-	18.3
BS-7NE-2.5	3/5/2013	-	3.48
BS-7SE-0.5	3/5/2013	-	3.89
BS-7SE-2.5	3/5/2013	-	10.5
BS-7SW-0.5	3/5/2013	-	44.9

Table 3
SUMMARY OF METALS ANALYSES

WUHSD Pioneer HS
10800 Benavon Avenue
Whittier, California

Sample ID (Depth in Feet)	Sample Date	Arsenic (mg/kg)	Lead (mg/kg)
BS-7SW-2.5	3/5/2013	-	3.58
BS-8-0.5	2/12/2013	-	8.96
BS-8-2.5	2/12/2013	-	Hold
BS-9-0.5	2/12/2013	-	12.8
BS-9-2.5	2/12/2013	-	Hold
BS-10-0.5	2/12/2013	-	8.01
BS-10-2.5	2/12/2013	-	Hold
BS-11-0.5	2/12/2013	-	24.8
BS-11-2.5	2/12/2013	-	Hold
BS-12-0.5	2/12/2013	-	3.47
BS-12-2.5	2/12/2013	-	Hold
BB-102-0.5	2/13/2013	-	123
BB-105-0.5	2/13/2013	-	14.6
BS-105-0.5	2/12/2013	-	14.6
HB-102-0.5	2/13/2013	-	6.74
ST-104-0.5	2/13/2013	24.4	2.93
ST-104-2.5	2/13/2013	9.14	Hold
200-1	2/12/2013	<0.005	<0.004
200-2	2/13/2013	<0.005	<0.004
300-1	3/5/2013	-	<0.004
Frequency of Site Samples above Detection Limit		10	43
Maximum Site Sample Concentration		17.9	276
Minimum Site Sample Concentration		1.25	3.15
Arithmetic Mean Site Sample Concentration		6.51	24.7
Range of Site Concentrations		1.25 - 17.9	3.15 - 276
Lead Spread V.7 School Screen Level		N/A	255.00
CHHSLs (residential)		0.07	80.0
DTSC Background Arsenic Concentration		12	N/A
Is this a Chemical of Potential Concern (COPC)?		No	No

Notes:

CHHSL = California Human Health Screening Level

mg/kg = milligrams per kilogram

- = Sample was not tested for this analyte

Bolded Results are above residential CHHSL or Ambient Background

Table 4
Summary of OCPs
 WUHSD Pioneer HS
 10800 Benavon Avenue
 Whittier, California

Sample ID (Depth in Feet)	Sample Date	Aldrin (mg/kg)	alpha-BHC (mg/kg)	beta-BHC (mg/kg)	Lindane (mg/kg)	delta-BHC (mg/kg)	alpha-Chlordane (mg/kg)	gamma-Chlordane (mg/kg)	Technical Chlordane (mg/kg)	4,4'-DDD (mg/kg)	4,4'-DDT (mg/kg)	Dieldrin (mg/kg)	Endosulfan I (mg/kg)	Endosulfan II (mg/kg)	Endosulfan Sulfate (mg/kg)	Endrin (mg/kg)	Endrin Aldehyde (mg/kg)	Endrin Keytone (mg/kg)	Heptachlor Epoxide (mg/kg)	Heptachlor (mg/kg)	Methoxychlor (mg/kg)	Toxaphene (mg/kg)
ST-1	2/13/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
ST-2	2/13/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
ST-3	2/13/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
ST-4	2/13/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
ST-5	2/13/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
ST-6	2/13/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
ST-103	2/13/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
200-1*	2/13/2013	<0.004	<0.004	<0.006	<0.004	<0.003	<0.003	<0.004	<0.004	<0.002	<0.004	<0.004	<0.005	<0.006	<0.005	<0.004	<0.004	<0.004	<0.008	<0.004	<0.004	<10.0
200-2*	2/13/2013	<0.004	<0.004	<0.006	<0.004	<0.003	<0.003	<0.004	<0.004	<0.002	<0.004	<0.004	<0.005	<0.006	<0.005	<0.004	<0.004	<0.004	<0.008	<0.004	<0.004	<10.0
Maximum Site Concentration		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.009	0.011	0.103	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
Residential CHHSLs		0.033	-	-	0.5	-	NE	NE	0.43	2.3	1.6	-	-	-	-	21.0	21.0	21.0	0.13	0.13	340.0	0.46

Notes:

CHHSL = California Human Health Screening Level

mg/kg = milligrams per kilogram

- = Sample was not tested for this analyte

* = Concentrations in micrograms per liter (µg/L)

NE = None Established

ST-1 = Composite of ST-1-0.5 and ST-1-2.5

ST-2 = Composite of ST-2-0.5 and ST-2-2.5

ST-3 = Composite of ST-3-0.5 and ST-3-2.5

ST-4 = Composite of ST-4-0.5 and ST-4-2.5

ST-5 = Composite of ST-5-0.5 and ST-5-2.5

ST-6 = Composite of ST-6-0.5 and ST-6-2.5

Table 5
Summary of PCBs
 WUHSD Pioneer High School
 10800 Benavon Avenue
 Whittier, California

Sample ID (Depth in Feet)	Sample Date	PCB-1016 (mg/kg)	PCB-1221 (mg/kg)	PCB-1232 (mg/kg)	PCB-1242 (mg/kg)	PCB-1248 (mg/kg)	PCB-1254 (mg/kg)	PCB-1260 (mg/kg)	Total PCBs (mg/kg)
TF-1-0.5		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TF-1-2.5		Hold	Hold	Hold	Hold	Hold	Hold	Hold	Hold
TF-2-0.5		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TF-2-2.5		Hold	Hold	Hold	Hold	Hold	Hold	Hold	Hold
TF-101-0.5		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
TF-101-2.5		Hold	Hold	Hold	Hold	Hold	Hold	Hold	Hold
200-2*		<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Maximum Site Concentration		<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Residential CHHSL		0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089
Total Cancer Risk = [(Total PCB Concentration/CHHSL) x 1E -06]									0.000

Notes:

mg/kg = milligrams per kilogram

CHHSL = California Human Health Screening Level

PCB = Polychlorinated Biphenyl

- = Sample was not tested for this analyte

J = trace concentration between MDL and PQL

* = concentration in micrograms per liter ($\mu\text{g/L}$)

APPENDIX A

References

APPENDIX A

References

- Cal/EPA, 2005, *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of contaminated Properties*: California Environmental Protection Agency, January 2005.
- DTSC, 2006, *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*, Revised June 9, 2006.
- DTSC, 2006, *Determination of a Southern California Regional Background Arsenic Concentration in Soil*, <http://www.dtsc.ca.gov/upload/Background-Arsenic.pdf> Accessed February 27, 2013.
- Leighton Consulting, Inc., 2013, Phase I Environmental Site Assessment for Stadium Modernization Project on the Existing Pioneer High School Campus, Located at 10800 Benavon Street, Whittier, Los Angeles County, California, Project number 10084.001, January 25, 2013.

APPENDIX B

Laboratory Analytical Report and Chain – of – Custody Documentation

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: February 20, 2013

Mr. Richard Orr
Leighton Consulting
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170

Project: **10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA**
Lab I.D.: **130213-8 through -50**

Dear Mr. Orr:

The **analytical results** for the soil and water samples, received by our lab on February 13, 2013, are attached. The samples were received chilled, intact and with chain of custody record.

Trace concentrations between the MDL and the PQL have been reported with a "J" flag indicator.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manger



Andy Wang
Laboratory Manager

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA
MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/12/13 DATE ANALYZED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13

EPA 6010B FOR TTLC-ARSENIC
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ARSENIC RESULT	DF
BS-1-0.5	130213-8	7.63	1
BS-1-2.5	130213-9	3.06	1
Method Blank	---	ND	1
	MDL	0.248	
	PQL	0.30	

COMMENTS:

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

J = Trace Concentration between MDL and PQL

Actual Detection Limit = PQL X DF

ND = Below the Actual Detection Limit or non-detected

TTLC = Total Threshold Limit Concentration

STLC = Soluble Threshold Limit Concentration

STLC Limit for Arsenic = 5 PPM

* = STLC analysis is recommended (if marked)

*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170


PROJECT: 10084.001 WUHSO 10800 Ben Avon Ave., Whittier, CA
MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/12/13 DATE ANALYZED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13

EPA 6010B FOR TTLC-LEAD; PAGE 2 OF 2
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	TTLC-LEAD RESULT	DF
BB-102-0.5	130213-43	123 *	1
BB-3-0.5	130213-46	52.6 *	1
Method Blank	---	ND	1
	MDL	0.084	
	PQL	0.50	

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for lead = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 1000 PPM, therefore the sample is defined as hazardous waste, as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 2/15/2013

Unit : *mg/Kg(ppm)*

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130213-51	1.00	102	PASS	7.24	50.0	59.6	105%	59.6	105%	0%
Cadmium(Cd)	130213-51	1.00	102	PASS	0	50.0	51.0	102%	51.3	103%	1%
Lead(Pb)	130213-51	1.00	101	PASS	7.96	50.0	53.0	90%	53.3	91%	1%

ANALYSIS DATE. : 2/15/2013

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130214-3	0.125	98	PASS	0	0.125	0.114	91%	0.112	89%	2%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Cadmium(Cd)	PASS	PASS	PASS	PASS
Lead(Pb)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST:  _____

FINAL REVIEWER:  _____

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 2/15/2013

Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130213-24	1.00	100	PASS	1.51	50.0	44.4	86%	45.4	88%	2%
Cadmium(Cd)	130213-24	1.00	100	PASS	0	50.0	42.7	85%	43.8	88%	3%
Lead(Pb)	130213-24	1.00	100	PASS	8.96	50.0	44.8	72%	45.6	73%	2%

ANALYSIS DATE. : 2/15/2013

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130214-3	0.125	98	PASS	0	0.125	0.114	91%	0.112	89%	2%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Cadmium(Cd)	PASS	PASS	PASS	PASS
Lead(Pb)	FAIL	FAIL	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: **10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA**
MATRIX: WATER DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/12/13 DATE ANALYZED: 02/14/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13

EPA 200.7 FOR TOTAL ARSENIC
UNITS: mg/L = MILLIGRAM PER LITER

SAMPLE I.D.	LAB I.D.	TOTAL ARSENIC RESULT	DF
200-1	130213-48	ND	1
Method Blank	---	ND	1
	MDL	0.005	
	PQL	0.01	

COMMENTS

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

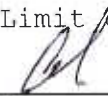
PROJECT: **10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA**
MATRIX: **WATER** DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/12/13 DATE ANALYZED: 02/14/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13

EPA 200.7 FOR TOTAL LEAD
UNITS: mg/L = MILLIGRAM PER LITER

SAMPLE I.D.	LAB I.D.	TOTAL LEAD RESULT	DF
200-1	130213-48	ND	1
Method Blank	---	ND	1
	MDL	0.004	
	PQL	0.01	

COMMENTS

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for TLLC Metals Analysis --WATER MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 2/14/2013

Unit : mg/L(ppm)

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Lead(Pb)	130213-80	1.00	105	PASS	0	1.00	1.06	106%	1.05	105%	1%
Chromium(Cr)	130213-80	1.00	92	PASS	0	1.00	0.924	92%	0.906	91%	2%
Arsenic(As)	130213-80	1.00	100	PASS	0	1.00	0.983	98%	0.975	98%	1%

ANALYSIS DATE. : 2/12/2013

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130211-99	0.00250	92	PASS	0	0.00250	0.00220	88%	0.00220	88%	0%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Lead(Pb)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Arsenic(As)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST:  _____

FINAL REVIEWER:  _____

Enviro-Chem, Inc. Laboratories

1214 E. Lexington Avenue,
Pomona, CA 91766

Tel: (909) 590-5905 Fax: (909) 590-5907

CA-DHS ELAP CERTIFICATE #1555

Turnaround Time

- 0 Same Day
- 0 24 Hours
- 0 48 Hours
- 0 72 Hours
- 0 1 Week (Standard)
- Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required						COMMENTS
								Pb	As					
BS-1-0.5	130213-8	2/12/13	1254	Soil	1	ice	X	X						
BS-1-2.5	-9		1256					X						Hold
BS-2-0.5	-10		1235				X							Hold
BS-2-2.5	-11		1239											Hold
BS-3-0.5	-12		1220				X							Hold
BS-3-2.5	-13		1223											Hold
BS-4-0.5	-14		1204				X							Hold
BS-4-2.5	-15		1206											Hold
BS-5-0.5	-16		1148				X							Hold
BS-105-0.5	-17		1148				X							Hold
BS-5-2.5	-18		1152				X							Hold
BS-105-2.5	-19		1152											Hold
BS-6-0.5	-20		1126				X							Hold
BS-6-2.5	-21		1128											Hold
BS-7-0.5	-22		1115				X							Hold

Company Name: Leighton Consulting
 Address: 10532 Acacia St Ste B36
 City/State/Zip: Rancho Cucamonga, CA 91730

Project Contact: Richard Orr
 Tel: (909) 484-2205
 Fax: (909) 484-2170

Sample's Signature: [Signature]
 Project Name/ID: 100859001
WUMSD
10800 Ben Avon Ave
Whittier, CA

Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>2/12/13 1310</u>
Relinquished by:	Received by:	Date & Time:
Relinquished by:	Received by:	Date & Time:

Instructions for Sample Storage After Analysis:
 Dispose of Return to Client Store (30 Days)
 Other:

CHAIN OF CUSTODY RECORD

Date: 2/12/13

WHITE WITH SAMPLE • YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories

1214 E. Lexington Avenue,
Pomona, CA 91766

Tel: (909) 590-5905 Fax: (909) 590-5907

CA-DHS ELAP CERTIFICATE #1555

Turnaround Time

- Same Day
- 24 Hours
- 48 Hours
- 72 Hours
- 1 Week (Standard)
- Other:

Misc./PO#

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required						COMMENTS		
								Pb	As							
BS-7-2.5	302B-23	2/12/13	1114	Soil	1		ice								Hold	
BS-8-0.5	-24		1101					X								Hold
BS-8-2.5	-25		1103													Hold
BS-9-0.5	-26		1045					X								Hold
BS-9-2.5	-27		1048													Hold
BS-10-0.5	-28		1033					X								Hold
BS-10-2.5	-29		1035													Hold
BS-11-0.5	-30		1017					X								Hold
BS-11-2.5	-31		1019													Hold
BS-12-0.5	-32		0945					X								Hold
BS-12-2.5	-33		0950													Hold
HB-1-0.5	-34		1344					X								Hold
HB-1-2.5	-35		1348													Hold
HB-2-0.5	-36		1402					X								Hold
HB-102-0.5	-37		1402					X								Hold

Company Name: Leighton Consulting
 Address: 10532 Acacia St Ste B-G
 City/State/Zip: Rancho Cucamonga, CA 91730

Project Contact: Richard Orr
 Tel: (909) 484-2205
 Fax: (909) 984-2170

Sampler's Signature: [Signature]
 Project Name/ID: 10093.001 WUMSD
10800 Ben Avon Ave
Whittier, CA

Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>2/13/13 1310</u>
Relinquished by:	Received by:	Date & Time:
Relinquished by:	Received by:	Date & Time:

Instructions for Sample Storage After Analysis:
 Dispose of Return to Client Store (30 Days)
 Other:

CHAIN OF CUSTODY RECORD

Date: 2/12/13

WHITE WITH SAMPLE • YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

Misc./PO#

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required				COMMENTS
								Pb	As			
HB-2-2.5	1302-B-38	2/12/13	1404	Soil	1		100					Hold
HB-102-2.5	-39		1404									Hold
BB-1-0.5	-40		1434					X				
BB-1-2.5	-41		1434									Hold
BB-2-0.5	-42		1452					X				
BB-102-0.5	-43		1452					X				
BB-2-2.5	-44		1454									Hold
BB-102-2.5	-45		1454									Hold
BB-3-0.5	-46		1510					X				
BB-3-2.5	-47		1525									Hold
200-1	-48		1540	water			HNO ₃	X	X			
HB-3-0.5	-49		1422									
HB-3-2.5	-50		1423									

Company Name: <u>Ledynton Consulting</u>		Project Contact: <u>Richard Orr</u>		Sampler's Signature: <u>[Signature]</u>	
Address: <u>10532 Acacia St Ste B6</u>		Tel: <u>(909) 484-2205</u>		Project Name/ID: <u>100850001</u>	
City/State/Zip: <u>Rancho Cucamonga, CA 91730</u>		Fax: <u>(909) 484-2170</u>		<u>WPHSD</u> <u>10000 Ben Avon Ave</u> <u>Whittier, CA</u>	
Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>2/13/13 1310</u>	Instructions for Sample Storage After Analysis:		
Relinquished by:	Received by:	Date & Time:	<input type="checkbox"/> Dispose of <input type="checkbox"/> Return to Client <input type="checkbox"/> Store (30 Days)		
Relinquished by:	Received by:	Date & Time:	<input type="checkbox"/> Other:		

CHAIN OF CUSTODY RECORD

Date: 2/12/13

WHITE WITH SAMPLE • YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS
		DATE	TIME					Pb	As									
BS-7-2.5		2/12/13	1114	Soil	1		ICE											Hold
BS-8-0.5			1101					X										Hold
BS-8-2.5			1103															Hold
BS-9-0.5			1045					X										Hold
BS-9-2.5			1048															Hold
BS-10-0.5			1033					X										Hold
BS-10-2.5			1035															Hold
BS-11-0.5			1017					X										Hold
BS-11-2.5			1019															Hold
BS-12-0.5			0945					X										Hold
BS-12-2.5			0950															Hold
HB-1-0.5			1346					X										Hold
HB-1-2.5			1348															Hold
HB-2-0.5			1402					X										Hold
HB-102-0.5		↓	1402	↓	↓			X										Hold

Company Name: <u>Leighton Consulting</u>		Project Contact: <u>Richard Orr</u>		Sampler's Signature: <u>[Signature]</u>	
Address: <u>10532 Acacia St Ste B-6</u>		Tel: <u>(909) 484-2705</u>		Project Name/ID: <u>15089-001 W11451</u>	
City/State/Zip: <u>Rancho Cucamonga, CA 91730</u>		Fax: <u>(909) 484-2170</u>		<u>10200 Ben Avon Ave</u>	
				<u>Whittier, CA</u>	
Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>2/13/13 1310</u>		Instructions for Sample Storage After Analysis:	
Relinquished by:	Received by:	Date & Time:		<input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days)	
Relinquished by:	Received by:	Date & Time:		<input type="radio"/> Other:	

CHAIN OF CUSTODY RECORD

WHITE WITH SAMPLE YELLOW TO CLIENT

Date: 2/12/13

02/13/2013 10:31 AM 00112484608 01124846110 000/000

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS		
								Pb	As											
HB-2-2.5		2/12/13	1404	Soil	1		ice													Hold
HB-102-2.5			1404																	Hold
BB-1-0.5			1434					X												
BB-1-2.5			1434																	Hold
BB-2-0.5			1452					X												
BB-102-0.5			1452					X												
BB-2-2.5			1454																	Hold
BB-102-2.5			1454																	Hold
BB-3-0.5			1510					X												
BB-3-2.5			1525	↓			↓													Hold
200-1		↓	1540	water	↓		HNO ₃	X	X											
HB-3-0.5		↓	1422																	
HB-3-2.5		↓	1423																	

Company Name: <u>Ledgerton Consulting</u>		Project Contact: <u>Richard Orr</u>		Sampler's Signature: <u>[Signature]</u>	
Address: <u>16532 Acacia St Ste 56</u>		Tel: <u>(909) 484-2205</u>		Project Name/ID: <u>10004-001</u>	
City/State/Zip: <u>Rancho Cucamonga, CA 91730</u>		Fax: <u>(909) 484-2170</u>		<u>WINHSD</u> <u>10000 Bon Avon Ave</u> <u>Whittier, CA</u>	
Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>2/13/13 1310</u>		Instructions for Sample Storage After Analysis: <input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days) <input type="radio"/> Other:	
Relinquished by:	Received by:	Date & Time:			
Relinquished by:	Received by:	Date & Time:			

CHAIN OF CUSTODY RECORD

Date: 2/12/13

WHITE WITH SAMPLE - YELLOW TO CLIENT

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: February 20, 2013

Mr. Richard Orr
Leighton Consulting
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

Project: **10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA**
Lab I.D.: **130213-51 through -71**

Dear Mr. Orr:

The **analytical results** for the soil and water samples, received by our lab on February 13, 2013, are attached. The samples were received chilled, intact and with chain of custody record.

Trace concentrations between the MDL and the PQL have been reported with a "J" flag indicator.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manger



Andy Wang
Laboratory Manager

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA
MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/13/13 DATE ANALYZED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13

EPA 6010B FOR TTLC-ARSENIC
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include ST-1-0.5, ST-1-2.5, ST-3-0.5, ST-3-2.5, ST-4-0.5, ST-4-2.5, ST-104-0.5, ST-104-2.5.

Method Blank --- ND 1
MDL 0.248
PQL 0.30

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

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LABORATORY REPORT

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10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: **10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA**
MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/13/13 DATE ANALYZED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13

EPA 6010B FOR TTLC-LEAD
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	TTLC-LEAD RESULT	DF
ST-1-0.5	130213-51	7.96	1
ST-2-0.5	130213-53	10.1	1
ST-3-0.5	130213-55	46.3	1
ST-4-0.5	130213-57	12.5	1
ST-104-0.5	130213-59	2.93	1
ST-5-0.5	130213-61	20.4	1
ST-6-0.5	130213-63	8.02	1

Method Blank --- ND 1

MDL 0.084
PQL 0.50

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for lead = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 1000 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: *[Signature]*
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 2/15/2013

Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130213-51	1.00	102	PASS	7.24	50.0	59.6	105%	59.6	105%	0%
Cadmium(Cd)	130213-51	1.00	102	PASS	0	50.0	51.0	102%	51.3	103%	1%
Lead(Pb)	130213-51	1.00	101	PASS	7.96	50.0	53.0	90%	53.3	91%	1%

ANALYSIS DATE. : 2/15/2013

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130214-3	0.125	98	PASS	0	0.125	0.114	91%	0.112	89%	2%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Cadmium(Cd)	PASS	PASS	PASS	PASS
Lead(Pb)	FAIL	FAIL	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST:  _____

FINAL REVIEWER:  _____

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LABORATORY REPORT

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Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA
MATRIX: WATER DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/13/13 DATE ANALYZED: 02/14/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13

EPA 200.7 FOR TOTAL ARSENIC
UNITS: mg/L = MILLIGRAM PER LITER

SAMPLE I.D.	LAB I.D.	TOTAL ARSENIC RESULT	DF
200-2	130213-71	ND	1
Method Blank	---	ND	1
	MDL	0.005	
	PQL	0.01	

COMMENTS

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for TLLC Metals Analysis --WATER MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 2/14/2013

Unit : mg/L(ppm)

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Lead(Pb)	130213-80	1.00	105	PASS	0	1.00	1.06	106%	1.05	105%	1%
Chromium(Cr)	130213-80	1.00	92	PASS	0	1.00	0.924	92%	0.906	91%	2%
Arsenic(As)	130213-80	1.00	100	PASS	0	1.00	0.983	98%	0.975	98%	1%

ANALYSIS DATE. : 2/12/2013

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130211-99	0.00250	92	PASS	0	0.00250	0.00220	88%	0.00220	88%	0%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Lead(Pb)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Arsenic(As)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

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10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSO 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/13/13 DATE EXTRACTED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 02/15/13
DATE REPORTED: 02/20/13

PCBs ANALYSIS

METHOD: EPA 8082

UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with columns: SAMPLE I.D., LAB I.D., PCB-1016, PCB-1221, PCB-1232, PCB-1242, PCB-1248, PCB-1254, PCB-1260, TOTAL PCBs*, DF. Rows include TR-1-05, TR-101-0.5, TR-2-05, Method Blank, MDL, and PQL.

COMMENTS

DF = DILUTION FACTOR
MDL = METHOD DETECTION LIMIT
PQL = PRACTICAL QUANTITATION LIMIT
J = TRACE CONCENTRATION BETWEEN MDL AND PQL
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
* = SUM OF THE PCB 1016, 1221, 1232, 1242, 1248, 1254 AND 1260
*** = THE CONCENTRATION EXCEEDS THE TTLC LIMIT OF 50, AND THE SAMPLE IS DEFINED AS HAZARDOUS WASTE AS PER CCR-TITLE 22 (IF MARKED)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: **Soil/Solid/Liquid/Sludge** Date Analyzed: **2/15/2013**
 Unit: **mg/Kg (PPM)**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 130213-65 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	0.00	1.00	1.05	105%	0.886	89%	16%	0-20%	70-130

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.104	104%	75-125

S.R. = Sample Result
 spk conc = Spike Concentration
 %REC = Percent Recovery
 ACP %RPD = Acceptable Percent RPD Range
 ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By:

Final Reviewer:

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

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PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/13/13 DATE EXTRACTED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 02/15/13
DATE REPORTED: 02/20/13

SAMPLE I.D.: ST-1-0.5/2.5 (COMPOSITE)
LAB I.D.: 130213-51, -52 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, gamma-BHC, etc., with their respective results and limits.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature/initials.

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

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10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSO 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/13/13 DATE EXTRACTED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 02/15/13
DATE REPORTED: 02/20/13

SAMPLE I.D.: ST-2-0.5/1.5 (COMPOSITE)
LAB I.D.: 130213-53, -54 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, and Toxaphene.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature and line

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/13/13 DATE EXTRACTED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 02/15/13
DATE REPORTED: 02/20/13

SAMPLE I.D.: ST-3-0.5/2.5 (COMPOSITE)
LAB I.D.: 130213-55, -56 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, gamma-BHC, etc., with their respective results and limits.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature/initials over a horizontal line.

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHS 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/13/13 DATE EXTRACTED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 02/15/13
DATE REPORTED: 02/20/13

SAMPLE I.D.: ST-4-0.5/2.5 (COMPOSITE)
LAB I.D.: 130213-57, -58 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, Toxaphene.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature and line.

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

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10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHS 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/13/13 DATE EXTRACTED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 02/15/13
DATE REPORTED: 02/20/13

SAMPLE I.D.: ST-104-0.5/2.5 (COMPOSITE)
LAB I.D.: 130213-59,-60 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, and Toxaphene.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature and line.

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10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL
SAMPLING DATE: 02/13/13
REPORT TO: Mr. RICHARD ORR

DATE RECEIVED: 02/13/13
DATE EXTRACTED: 02/15/13
DATE ANALYZED: 02/15/13
DATE REPORTED: 02/20/13

SAMPLE I.D.: **ST-5-0.5/2.5 (COMPOSITE)**
LAB I.D.: 130213-61,-62 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0002	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0002	1
alpha-Chlordane	ND	0.001	0.0002	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0003	1
4,4'-DDE	ND	0.001	0.0003	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0003	1
Endosulfan I	ND	0.001	0.0002	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0004	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0003	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

J = Trace Concentration between MDL and PQL

ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:

CAL-DHS CERTIFICATE # 1555



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PROJECT: 10084.001 WUHS 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/13/13 DATE EXTRACTED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 02/15/13
DATE REPORTED: 02/20/13

SAMPLE I.D.: ST-6-0.5/2.5 (COMPOSITE)
LAB I.D.: 130213-63,-64 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, Toxaphene.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature/initials

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL

SAMPLING DATE: 02/13/13

REPORT TO: Mr. RICHARD ORR

DATE RECEIVED: 02/13/13

DATE EXTRACTED: 02/15/13

DATE ANALYZED: 02/15/13

DATE REPORTED: 02/20/13

METHOD BLANK FOR LAB I.D.: 130213-51/-52 (COMPOSITE),
-53/-54 (COMPOSITE), -55/-56 (COMPOSITE), -57/-58 (COMPOSITE),
-59/-60 (COMPOSITE) -61, -62 (COMPOSITE), -63/-64 (COMPOSITE)

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0002	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0002	1
alpha-Chlordane	ND	0.001	0.0002	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0003	1
4,4'-DDE	ND	0.001	0.0003	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0003	1
Endosulfan I	ND	0.001	0.0002	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0004	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0003	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

J = Trace Concentration between MDL and PQL

ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:

CAL-DHS CERTIFICATE # 1555



Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix: **Soil/Solid/Liquid**
 Unit: **mg/Kg (ppm)**

Date Analyzed: **2/15/2013**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 130213-51.52 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.0500	0.0481	96%	0.0476	95%	1%	0-20%	70-130
Aldrin	0.000	0.0500	0.0541	108%	0.0537	107%	1%	0-20%	70-130
4,4-DDE	0.000	0.0500	0.0569	114%	0.0557	111%	2%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00483	97%	75-125
Aldrin	0.00500	0.00543	109%	75-125
4,4-DDE	0.00500	0.00560	112%	75-125
Dieldrin	0.00500	0.00565	113%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	130213-51.52	130213-53.54	130213-55.56	130213-57.58	130213-59.60	130213-61.62	
Tetra-chloro-meta-xylene	50-150	104%	103%	212%	128%	97%	98%	99%	
Decachlorobiphenyl	50-150	144%	138%	140%	129%	130%	145%	137%	

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		130213-63.64							
Tetra-chloro-meta-xylene	50-150	121%							
Decachlorobiphenyl	50-150	130%							

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.									
Tetra-chloro-meta-xylene	50-150								
Decachlorobiphenyl	50-150								

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

* = Surrogate fail due to matrix interference (If Marked)

Note: LCS, MS, MSD are in control therefore results are in control.

Analyzed and Reviewed By: B

Final Reviewer: C

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA

MATRIX: WATER DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/13/13 DATE EXTRACTED: 02/19/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 02/19/13
DATE REPORTED: 02/20/13

SAMPLE I.D.: 200-2

LAB I.D.: 130213-71

Organochlorine Pesticides & PCBs Analysis

Method: EPA 8081A/8082

Unit: ug/L = Microgram per Liter = PPB

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides and PCBs with their respective results and limits.

COMMENTS

DF = DILUTION FACTOR
MDL = METHOD DETECTION LIMIT
PQL = PRACTICAL QUANTITATION LIMIT
J = TRACE CONCENTRATION BETWEEN MDL AND PQL
ACTUAL DETECTION LIMIT = PQL X DF
ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA

MATRIX: WATER
SAMPLING DATE: 02/13/13
REPORT TO: Mr. RICHARD ORR

DATE RECEIVED: 02/13/13
DATE EXTRACTED: 02/19/13
DATE ANALYZED: 02/19/13
DATE REPORTED: 02/20/13

METHOD BLANK FOR LAB I.D.: 130213-71

Organochlorine Pesticides & PCBs Analysis

Method: EPA 8081A/8082

Unit: ug/L = Microgram per Liter = PPB

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.100	0.004	1
alpha-BHC	ND	0.100	0.004	1
beta-BHC	ND	0.100	0.006	1
gamma-BHC (Lindane)	ND	0.100	0.004	1
delta-BHC	ND	0.100	0.003	1
alpha-Chlordane	ND	0.100	0.003	1
gamma-Chlordane	ND	0.100	0.004	1
Total Chlordane	ND	0.500	0.050	1
4,4'-DDD	ND	0.100	0.002	1
4,4'-DDE	ND	0.100	0.006	1
4,4'-DDT	ND	0.100	0.004	1
Dieldrin	ND	0.100	0.004	1
Endosulfan I	ND	0.100	0.005	1
Endosulfan II	ND	0.100	0.006	1
Endosulfan Sulfate	ND	0.100	0.005	1
Endrin	ND	0.100	0.004	1
Endrin Aldehyde	ND	0.100	0.040	1
Endrin Ketone	ND	0.100	0.004	1
Heptachlor Epoxide	ND	0.100	0.008	1
Heptachlor	ND	0.100	0.004	1
Methoxychlor	ND	0.100	0.004	1
Toxaphene	ND	2.00	1.00	1
PCB-1016	ND	1.00	0.50	1
PCB-1221	ND	1.00	0.50	1
PCB-1232	ND	1.00	0.50	1
PCB-1242	ND	1.00	0.50	1
PCB-1248	ND	1.00	0.50	1
PCB-1254	ND	1.00	0.50	1
PCB-1260	ND	1.00	0.50	1

COMMENTS

DF = DILUTION FACTOR

MDL = METHOD DETECTION LIMIT

PQL = PRACTICAL QUANTITATION LIMIT

J = TRACE CONCENTRATION BETWEEN MDL AND PQL

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555



Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix: Water/Liquid

Date Analyzed: 2/13/2013

Unit: ug/L

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 130213-71 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0	5.00	5.88	118%	6.13	123%	4%	0-20%	70-130
Aldrin	0	5.00	5.88	118%	6.15	123%	4%	0-20%	70-130
4,4-DDE	0	5.00	5.91	118%	6.29	126%	6%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.500	0.561	112%	75-125
Aldrin	0.500	0.566	113%	75-125
4,4-DDE	0.500	0.575	115%	75-125
Dieldrin	0.500	0.585	117%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		M-BLK	130213-71	130215-1					
Tetra-chloro-meta-xylene	50-150	98%	97%	123%					
Decachlorobipneyl	50-150	135%	132%	120%					

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.									
Tetra-chloro-meta-xylene									
Decachlorobipneyl									

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
Tetra-chloro-meta-xylene						
Decachlorobipneyl						


S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: 

* = Surrogate fail due to matrix interference

Note: LCS, MS, MSD are in control therefore results are in control.

Final Reviewer: 

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: Water/Liquid

Date Analyzed: 2/19/2013

Unit: ug/L (PPB)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 130213-71 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	0	100	93.9	94%	111.0	111%	17%	0-20%	70-130

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	10.0	9.0	90%	75-125

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: B

Final Reviewer: e



Fax Transmittal

Leighton and Associates, Inc.

A LEIGHTON GROUP COMPANY

The attached documents may contain confidential information. This information is intended solely for use by the individual or entity named as the "Recipient" below. If you are not the intended recipient, be aware that any disclosure, copying, distribution, or use of the contents of this transmission is prohibited. If you have received this transmission in error, please immediately notify us by telephone so we may arrange to retrieve this transmission at no cost to you.

Date:	2/13/13	Project #:	100840001
Recipient:	Jessica		
Company:	Enviro Chem		
Fax Number:	909-590-5907		
Sender:	Z. Freeman		
Subject:	Edit to C-0-C		

Richard wants to composite the OCP samples as shown, also I put the wrong project number so please change accordingly

Thanks,
Zach

Total number of pages (including cover sheet): 6

Original will ___ / will not follow

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
 CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

Misc./PO#

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS
								Pb	OCP ₂	As								
ST-1-0.5		2/13/13	1008	Soil	1		Ice	X	X	X								Composite
ST-1-2.5			1010						X	X								Composite
ST-2-0.5			1022					X	X									Composite
ST-2-1.5			1025						X									Composite
ST-3-0.5			1020					X	X	X								Composite
ST-3-2.5			1022						X	X								Composite
ST-4-0.5			1108					X	X	X								Composite
ST-4-2.5			1110						X	X								Composite
ST-104-0.5			1108					X	X	X								Composite
ST-104-2.5			1110						X	X								Composite
ST-5-0.5			1121					X	X									Composite
ST-5-2.5			1124						X									Composite
ST-6-0.5			1132					X	X									Composite
ST-C-2.5			1135						X									Composite

Company Name: <u>Leighton Consulting</u>		Project Contact: <u>Richard Orr</u>		Sampler's Signature: <u>[Signature]</u>	
Address: <u>10532 Acacia St Ste B6</u>		Tel: <u>(909) 484-2205</u>		Project Name/ID: <u>10532-001</u>	
City/State/Zip: <u>Rancho Cucamonga, CA 91730</u>		Fax: <u>(909) 484-2170</u>		<u>WUMSD</u> <u>10800 Ben Avon Ave</u> <u>Whittier, CA</u>	
Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date: <u>2/13/13</u>	Instructions for Sample Storage After Analysis:		
Relinquished by:	Received by:	Date & Time:	<input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days) <input type="radio"/> Other:		
Relinquished by:	Received by:	Date & Time:			

CHAIN OF CUSTODY RECORD

Date: 2/13/13

WHITE WITH SAMPLE - YELLOW TO CLIENT

07/15/2013 10:55:01 AM

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required				COMMENTS
								Pb	As	OCp	PCB	
TR-1-0.5	1302/3-65	2/13/13	0848	Soil	1		ice			X		
TR-1-2.5	-66		0850									Hold
TR-101-0.5	-67		0848							X		
TR-101-2.5	-68		0850									Hold
TR-2-0.5	-69		0928							X		
TR-2-2.5	-70		0930									Hold
200-2	-71		1213	water	3		HNO ₃	X	X	X	X	

Company Name: <u>Leighton Consulting</u>		Project Contact: <u>Richard Orr</u>		Sampler's Signature:	
Address: <u>10532 Acacia St Ste B6</u>		Tel: <u>(909) 484-2205</u>		Project Name/ID: <u>10093-001</u>	
City/State/Zip: <u>Rancho Cucamonga</u>		Fax: <u>(909) 484-2170</u>		<u>WUHS</u> <u>15800 Bon Avon Ave</u> <u>Whittier, CA</u>	
Relinquished by:	Received by:	Date & Time: <u>2/13/13 1310</u>	Instructions for Sample Storage After Analysis: <input type="checkbox"/> Dispose of <input type="checkbox"/> Return to Client <input type="checkbox"/> Store (30 Days) <input type="checkbox"/> Other:		
Relinquished by:	Received by:	Date & Time:			
Relinquished by:	Received by:	Date & Time:			

CHAIN OF CUSTODY RECORD

Date: 2/13/13

WHITE WITH SAMPLE - YELLOW TO CLIENT

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: March 8, 2013

Mr. Richard Orr
Leighton Consulting
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170

Project: **10084-002 WUHSD 9800 Mills Ave., Whittier, CA**
Lab I.D.: **130306-1 through -15**

Dear Mr. Orr:

The **analytical results** for the soil and water samples, received by our lab on March 6, 2013, are attached. The samples were received chilled, intact and with chain of custody record.

Trace concentrations between the MDL and the PQL have been reported with a "J" flag indicator.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manger



Andy Wang
Laboratory Manager

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.002 WUHSD 9800 Mills Ave., Whittier, CA
MATRIX: SOIL DATE RECEIVED: 03/06/13
SAMPLING DATE: 03/05/13 DATE ANALYZED: 03/07/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 03/08/13

EPA 6010B FOR TTLC-LEAD
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., TTLC-LEAD RESULT, DF. Rows include various sample IDs like BB-2-4.0, BB-2NW-0.5, etc., with corresponding results and dilution factors.

Method Blank --- ND 1

MDL 0.084
PQL 0.50

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for lead = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 1000 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 3/7/2013

Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130306-36	1.00	101	PASS	0.496	50.0	51.5	102%	51.4	102%	0%
Chromium(Cr)	130306-36	1.00	99	PASS	20.7	50.0	73.1	105%	72.7	104%	1%
Lead(Pb)	130306-36	1.00	106	PASS	7.89	50.0	48.5	81%	48.7	82%	0%

ANALYSIS DATE. : 3/7/2013

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130306-51	0.125	97	PASS	0	0.125	0.118	94%	0.114	91%	3%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Lead(Pb)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: *Aw*

FINAL REVIEWER: *0*

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: **10084.002 WUHSD 9800 Mills Ave., Whittier, CA**
MATRIX: WATER DATE RECEIVED: 03/06/13
SAMPLING DATE: 03/05/13 DATE ANALYZED: 03/08/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 03/08/13

EPA 200.7 FOR TOTAL LEAD
UNITS: mg/L = MILLIGRAM PER LITER

SAMPLE I.D.	LAB I.D.	TOTAL LEAD RESULT	DF
300-1	130306-15	ND	1
Method Blank	---	ND	1
	MDL	0.004	
	PQL	0.01	

COMMENTS

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for TLLC Metals Analysis --WATER MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 3/8/2013

Unit : mg/L(ppm)

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Lead(Pb)	130222-29	1.00	111	PASS	0	1.00	1.11	111%	1.12	112%	1%
Chromium(Cr)	130222-29	1.00	102	PASS	0	1.00	1.03	103%	1.05	105%	2%
Zinc(Zn)	130222-29	1.00	113	PASS	0.086	1.00	1.18	109%	1.20	111%	2%

ANALYSIS DATE. : 3/7/2013

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130306-56	0.00250	100	PASS	0	0.00250	0.00230	92%	0.00240	96%	4%

MS/MSD Status:

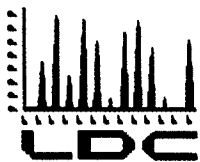
Analysis	%MS	%MSD	%LCS	%RPD
Lead(Pb)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Zinc(Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

APPENDIX C

Laboratory Data Validation Report



Laboratory Data Consultants, Inc.

7750 El Camino Real, Ste. 2L Carlsbad, CA 92009

Phone 760.634.0437

Web www.lab-data.com

Fax 760.634.0439

Leighton Consulting, Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730
ATTN: Mr. Zachary Freeman

March 21, 2013

SUBJECT: WUHSD, Data Validation

Dear Mr. Freeman,

Enclosed are the final validation reports for the fractions listed below. These SDGs were received on March 13, 2013. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project # 29357:

<u>SDG #</u>	<u>Fraction</u>
130213	Chlorinated Pesticides, Polychlorinated Biphenyls, Metals
130306	

The data validation was performed under EPA Level II guidelines. The analyses were validated using the following documents, as applicable to each method:

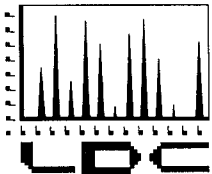
- USEPA, Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, June 2008
- USEPA, Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review, January 2010
- EPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998; IIIB, November 2004; Update IV, February 2007

Precision and Accuracy

Precision and accuracy were evaluated using data quality indicators such as MS/MSD, LCS, and surrogates. The precision and accuracy of the data set were considered acceptable after integration of qualification of estimated results as specifically noted in the data validation reports.

Surrogates

No data were qualified due to high surrogate %Rs for sample ST-2-0.5/1.5(COMPOSITE), the associated results were non-detected.



MS/MSD Samples

Due to low MS/MSD %Rs, nineteen results were qualified as detected estimated (J) for lead. The details regarding the qualification of results are provided in the data validation reports.

Representativeness

All samples for each method and matrix were evaluated for holding time compliance. All samples were associated with a method blank in each individual SDG. The representativeness of the project data is considered acceptable.

Comparability

Sampling frequency requirements were met in obtaining duplicates and necessary field blanks. The laboratory used standard analytical methods for their analyses. The analytical results were reported in correct standard units. Holding times, sample preservation, and sample integrity were within QC criteria with the exceptions noted in the data validation reports. The overall comparability is considered acceptable.

Completeness

Of the 261 total analytes reported, zero of the sample results were rejected. The completeness for all SDGs is as follows:

<u>Parameter/Method</u>	<u>Total Analytes</u>	<u>No. of Rejects</u>	<u>%Completeness</u>
Chlorinated Pesticides	176	0	100
Polychlorinated Biphenyls	28	0	100
Arsenic and Lead	57	0	100
Total	261	0	100

The completeness percentage based on rejected data met the 90 percent DQO goal. A less quantifiable loss of data occurred in the application of blank qualifications.

Sincerely,

Ming-Hwa Hwang
Project Manager/Senior Chemist

**Laboratory Data Consultants, Inc.
Data Validation Report**

Project/Site Name: WUHSD
Collection Date: February 13, 2013
LDC Report Date: March 19, 2013
Matrix: Soil/Water
Parameters: Chlorinated Pesticides
Validation Level: Level II
Laboratory: Enviro-Chem, Inc.
Sample Delivery Group (SDG): 130213

Sample Identification

ST-1-0.5/2.5(COMPOSITE)
ST-2-0.5/1.5(COMPOSITE)
ST-3-0.5/2.5(COMPOSITE)
ST-4-0.5/2.5(COMPOSITE)
ST-104-0.5/2.5(COMPOSITE)
ST-5-0.5/2.5(COMPOSITE)
ST-6-0.5/2.5(COMPOSITE)
200-2
ST-1-0.5/2.5(COMPOSITE)MS
ST-1-0.5/2.5(COMPOSITE)MSD
200-2MS
200-2MSD

Introduction

This data review covers 9 soil samples and 3 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8081A for Chlorinated Pesticides.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance check data were not reviewed for Level II.

III. Initial Calibration

Initial calibration data were not reviewed for Level II.

IV. Continuing Calibration

Continuing calibration data were not reviewed for Level II.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No chlorinated pesticide contaminants were found in the method blanks.

Sample 200-2 was identified as an equipment blank. No chlorinated pesticide contaminants were found.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits with the following exceptions:

Sample	Column	Surrogate	%R (Limits)	Compound	Flag	A or P
ST-2-0.5/1.5(COMPOSITE)	Not specified	Tetrachloro-m-xylene	212 (50-150)	All TCL compounds	J (all detects)	P

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

WUHSD

Chlorinated Pesticides - Data Qualification Summary - SDG 130213

SDG	Sample	Compound	Flag	A or P	Reason
130213	ST-2-0.5/1.5(COMPOSITE)	All TCL compounds	J (all detects)	P	Surrogate spikes (%R)

WUHSD

Chlorinated Pesticides - Laboratory Blank Data Qualification Summary - SDG 130213

No Sample Data Qualified in this SDG

WUHSD

Chlorinated Pesticides - Field Blank Data Qualification Summary - SDG 130213

No Sample Data Qualified in this SDG

LDC #: 29357A3a

VALIDATION COMPLETENESS WORKSHEET

SDG #: 130213

Level II

Laboratory: Enviro-Chem, Inc.

Date: 3/14/13

Page: 1 of 1

Reviewer: WMM

2nd Reviewer: A

METHOD: GC Chlorinated Pesticides (EPA SW 846 Method 8081A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 2/13/13
II.	GC/ECD Instrument Performance Check	-	
III.	Initial calibration	N	
IV.	Continuing calibration/ICV	N	
V.	Blanks	A	
VI.	Surrogate spikes	SW	
VII.	Matrix spike/Matrix spike duplicates	A	
VIII.	Laboratory control samples	A	LCS
IX.	Regional quality assurance and quality control	N	
X.	Florisil cartridge check	N	
XI.	GPC Calibration	N	
XII.	Target compound identification	N	
XIII.	Compound quantitation/RL/LOQ/LODs	N	
XIV.	Overall assessment of data	A	
XV.	Field duplicates	ND	(4.5)
XVI.	Field blanks	ND	EB=8

Note: A = Acceptable
 N = Not provided/applicable
 SW = See worksheet

ND = No compounds detected
 R = Rinsate
 FB = Field blank

D = Duplicate
 TB = Trip blank
 EB = Equipment blank

Validated Samples: Soil sample # 8, 11.1 - A2

1	ST-1-0.5/2.5(COMPOSITE)	11	200-2MS	A	21	MB	31
2	ST-2-0.5/1.5(COMPOSITE)	12	200-2MSD	↓	22		32
3	ST-3-0.5/2.5(COMPOSITE)	13			23		33
4	ST-4-0.5/2.5(COMPOSITE)	14			24		34
5	ST-104-0.5/2.5(COMPOSITE)	15			25		35
6	ST-5-0.5/2.5(COMPOSITE)	16			26		36
7	ST-6-0.5/2.5(COMPOSITE)	17			27		37
8	200-2 A2	18			28		38
9	ST-1-0.5/2.5(COMPOSITE)MS	19			29		39
10	ST-1-0.5/2.5(COMPOSITE)MSD	20			30		40

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: WUHSD
Collection Date: February 13, 2013
LDC Report Date: March 20, 2013
Matrix: Soil/Water
Parameters: Polychlorinated Biphenyls
Validation Level: Level II
Laboratory: Enviro-Chem, Inc.
Sample Delivery Group (SDG): 130213

Sample Identification

TR-1-0.5
TR-101-0.5
TR-2-0.5
200-2
TR-1-0.5MS
TR-1-0.5MSD
200-2MS
200-2MSD

Introduction

This data review covers 5 soil samples and 3 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8082 for Polychlorinated Biphenyls.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance check data were not reviewed for Level II.

III. Initial Calibration

Initial calibration data were not reviewed for Level II.

IV. Continuing Calibration

Continuing calibration data were not reviewed for Level II.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No polychlorinated biphenyl contaminants were found in the method blanks.

Sample 200-2 was identified as an equipment blank. No polychlorinated biphenyl contaminants were found.

VI. Surrogate Spikes

Surrogates were not spiked in the samples. Surrogates must be spiked in all samples.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in this SDG.

XI. GPC Calibration

GPC cleanup was not required and therefore not performed in this SDG.

XII. Target Compound Identification

Raw data were not reviewed for this SDG.

XIII. Compound Quantitation

Raw data were not reviewed for this SDG.

XIV. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XV. Field Duplicates

Samples TR-1-0.5 and TR-101-0.5 were identified as field duplicates. No polychlorinated biphenyls were detected in any of the samples.

**WUHSD
Polychlorinated Biphenyls - Data Qualification Summary - SDG 130213**

No Sample Data Qualified in this SDG

**WUHSD
Polychlorinated Biphenyls - Laboratory Blank Data Qualification Summary - SDG
130213**

No Sample Data Qualified in this SDG

**WUHSD
Polychlorinated Biphenyls - Field Blank Data Qualification Summary - SDG
130213**

No Sample Data Qualified in this SDG

LDC #: 29357A3b

VALIDATION COMPLETENESS WORKSHEET

Date: 3/14/13

SDG #: 130213

Level II

Page: 1 of 1

Laboratory: Enviro-Chem, Inc.

Reviewer: MH

2nd Reviewer: A

METHOD: GC Polychlorinated Biphenyls (EPA SW 846 Method 8082)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 2/13/13
II.	GC/ECD Instrument Performance Check	-	
III.	Initial calibration	N	
IV.	Continuing calibration/ICV	N	
V.	Blanks	A	
VI.	Surrogate spikes	SW	Not spiked, Test.
VII.	Matrix spike/Matrix spike duplicates	A	
VIII.	Laboratory control samples	A	LCS
IX.	Regional quality assurance and quality control	N	
X.	Florisil cartridge check	N	
XI.	GPC Calibration	N	
XII.	Target compound identification	N	
XIII.	Compound quantitation/RL/LOQ/LODs	N	
XIV.	Overall assessment of data	A	
XV.	Field duplicates	MD	(1, 2)
XVI.	Field blanks	MD	EB = 4

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinsate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

1	TR-1-05 Sorl	11	MD	21	31
2	TR-101-0.5 ↓	12		22	32
3	TR-2-05 Sorl ↓	13		23	33
4	200-2 A2	14		24	34
5	TR-1-05MS Sorl	15		25	35
6	TR-1-05MSD ↓	16		26	36
7	200-2MS A2	17		27	37
8	200-2MSD ↓	18		28	38
9		19		29	39
10		20		30	40

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: WUHSD
Collection Date: February 12 through February 13, 2013
LDC Report Date: March 19, 2013
Matrix: Soil/Water
Parameters: Metals
Validation Level: Level II
Laboratory: Enviro-Chem, Inc.
Sample Delivery Group (SDG): 130213

Sample Identification

BS-1-0.5	BB-102-0.5
BS-1-2.5	BB-3-0.5
BS-2-0.5	200-1
BS-3-0.5	ST-1-0.5
BS-4-0.5	ST-1-2.5
BS-5-0.5	ST-2-0.5
BS-105-0.5	ST-3-0.5
BS-5.2.5	ST-3-2.5
BS-6-0.5	ST-4-0.5
BS-7-0.5	ST-4-2.5
BS-8-0.5	ST-104-0.5
BS-9-0.5	ST-104-2.5
BS-10-0.5	ST-5-0.5
BS-11-0.5	ST-6-0.5
BS-12-0.5	200-2
HB-1-0.5	BS-8-0.5MS
HB-2-0.5	BS-8-0.5MSD
HB-102-0.5	ST-1-0.5MS
BB-1-0.5	ST-1-0.5MSD
BB-2-0.5	

Introduction

This data review covers 37 soil samples and 2 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 6010B and EPA Method 200.7 for Metals. The metals analyzed were Arsenic and Lead.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. ICPMS Tune

ICP-MS was not utilized in this SDG.

III. Calibration

Calibration data were not reviewed for Level II.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No metal contaminants were found in the preparation blanks.

Samples 200-1 and 200-2 were identified as equipment blanks. No metal contaminants were found.

V. ICP Interference Check Sample (ICS) Analysis

ICP Interference check sample analysis data were not reviewed for Level II.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits with the following exceptions:

Spike ID (Associated Samples)	Analyte	MS (%R) (Limits)	MSD (%R) (Limits)	RPD (Limits)	Flag	A or P
BS-8-0.5MS/MSD (BS-1-0.5 BS-2-0.5 BS-3-0.5 BS-4-0.5 BS-5-0.5 BS-105-0.5 BS-5.2.5 BS-6-0.5 BS-7-0.5 BS-8-0.5 BS-9-0.5 BS-10-0.5 BS-11-0.5 BS-12-0.5 HB-1-0.5 HB-2-0.5 HB-102-0.5 BB-1-0.5 BB-2-0.5)	Lead	72 (75-125)	73 (75-125)	-	J (all detects) UJ (all non-detects)	A

VII. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Internal Standards (ICP-MS)

ICP-MS was not utilized in this SDG.

X. Furnace Atomic Absorption QC

Graphite furnace atomic absorption was not utilized in this SDG.

XI. ICP Serial Dilution

ICP serial dilution was not performed for this SDG.

XII. Sample Result Verification

Raw data were not reviewed for this SDG.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

Samples BS-5-0.5 and BS-105-0.5, samples HB-2-0.5 and HB-102-0.5, samples BB-2-0.5 and BB-210-0.5, samples ST-4-0.5 and ST-104-0.5, and samples ST-4-2.5 and ST-104-2.5 were identified as field duplicates. No metals were detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/Kg)		RPD
	BS-5-0.5	BS-105-0.5	
Lead	34.3	14.6	81

Analyte	Concentration (mg/Kg)		RPD
	HB-2-0.5	HB-102-0.5	
Lead	10.3	6.74	42

Analyte	Concentration (mg/Kg)		RPD
	BB-2-0.5	BB-102-0.5	
Lead	72.4	123	52

Analyte	Concentration (mg/Kg)		RPD
	ST-4-0.5	ST-104-0.5	
Arsenic	17.9	24.4	31
Lead	12.5	2.93	124

Analyte	Concentration (mg/Kg)		RPD
	ST-4-2.5	ST-104-2.5	
Arsenic	11.8	9.14	25

**WUHSD
Metals - Data Qualification Summary - SDG 130213**

SDG	Sample	Analyte	Flag	A or P	Reason
130213	BS-1-0.5 BS-2-0.5 BS-3-0.5 BS-4-0.5 BS-5-0.5 BS-105-0.5 BS-5.2.5 BS-6-0.5 BS-7-0.5 BS-8-0.5 BS-9-0.5 BS-10-0.5 BS-11-0.5 BS-12-0.5 HB-1-0.5 HB-2-0.5 HB-102-0.5 BB-1-0.5 BB-2-0.5	Lead	J (all detects) UJ (all non-detects)	A	Matrix spike/Matrix spike duplicate (%R)

**WUHSD
Metals - Laboratory Blank Data Qualification Summary - SDG 130213**

No Sample Data Qualified in this SDG

**WUHSD
Metals - Field Blank Data Qualification Summary - SDG 130213**

No Sample Data Qualified in this SDG

LDC #: 29357A4

VALIDATION COMPLETENESS WORKSHEET

Date: 3/14/13

SDG #: 130213

Level II

Page: 1 of 1

Laboratory: Enviro-Chem, Inc.

Reviewer: *MM*
2nd Reviewer: *A*

METHOD: Metals (EPA SW 846 Method 6010B/EPA 200.7)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 2/12/13 - 2/13/13
II.	ICP/MS Tune	N	Not utilized
III.	Calibration	N	
IV.	Blanks	A	MB
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis	SW	MS/MSD
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	A	LCS
IX.	Internal Standard (ICP-MS)	N	Not utilized
X.	Furnace Atomic Absorption QC	N	↓
XI.	ICP Serial Dilution	N	
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	A	
XIV.	Field Duplicates	SW	(6,7), (17,18), (20,21), (29,31), (30,32)
XV.	Field Blanks	ND	EB=23,35

Note: A = Acceptable ND = No compounds detected D = Duplicate
 N = Not provided/applicable R = Rinsate TB = Trip blank
 SW = See worksheet FB = Field blank EB = Equipment blank

Validated Samples: All soil except 13, 35, A2

1	BS-1-0.5	11	BS-8-0.5	21	BB-102-0.5	31	ST-104-0.5
2	BS-1-2.5	12	BS-9-0.5	22	BB-3-0.5	32	ST-104-2.5
3	BS-2-0.5	13	BS-10-0.5	23	200-1 A2	33	ST-5-0.5
4	BS-3-0.5	14	BS-11-0.5	24	ST-1-0.5	34	ST-6-0.5
5	BS-4-0.5	15	BS-12-0.5	25	ST-1-2.5	35	200-2 A2
6	BS-5-0.5	16	HB-1-0.5	26	ST-2-0.5	36	BS-8-0.5MS
7	BS-105-0.5	17	HB-2-0.5	27	ST-3-0.5	37	BS-8-0.5MSD
8	BS-5.2.5	18	HB-102-0.5	28	ST-3-2.5	38	ST-1-0.5MS
9	BS-6-0.5	19	BB-1-0.5	29	ST-4-0.5	39	ST-1-0.5MSD
10	BS-7-0.5	20	BB-2-0.5	30	ST-4-2.5	40	MB

Notes: _____

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: Metals (EPA Method 6010B)

- N NA Were field duplicate pairs identified in this SDG?
- N NA Were target analytes detected in the field duplicate pairs?

Analyte	Concentration (mg/Kg)		RPD	
	6	7		
Lead	34.3	14.6	81	

Analyte	Concentration (mg/Kg)		RPD	
	17	18		
Lead	10.3	6.74	42	

Analyte	Concentration (mg/Kg)		RPD	
	20	21		
Lead	72.4	123	52	

Analyte	Concentration (mg/Kg)		RPD	
	29	31		
Arsenic	17.9	24.4	31	
Lead	12.5	2.93	124	

Analyte	Concentration (mg/Kg)		RPD	
	30	32		
Arsenic	11.8	9.14	25	

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA
MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/12/13 DATE ANALYZED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13

EPA 6010B FOR TTLC-ARSENIC
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include BS-1-0.5 (7.63), BS-1-2.5 (3.06), Method Blank (ND), MDL (0.248), and PQL (0.30).

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Handwritten note: 1/11/03 2013

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA
 MATRIX: SOIL DATE RECEIVED: 02/13/13
 SAMPLING DATE: 02/12/13 DATE ANALYZED: 02/15/13
 REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13

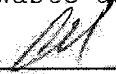
EPA 6010B FOR TTLC-LEAD; PAGE 1 OF 2
 UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	TTLC-LEAD RESULT	DF
BS-1-0.5	130213-8	33.3 J	1
BS-2-0.5	130213-10	70.9 *	1
BS-3-0.5	130213-12	7.99	1
BS-4-0.5	130213-14	13.8	1
BS-5-0.5	130213-16	34.3	1
BS-105-0.5	130213-17	14.6	1
BS-5.2.5	130213-18	14.8	1
BS-6-0.5	130213-20	4.30	1
BS-7-0.5	130213-22	276 *	10
BS-8-0.5	130213-24	8.96	1
BS-9-0.5	130213-26	12.8	1
BS-10-0.5	130213-28	8.01	1
BS-11-0.5	130213-30	24.8	1
BS-12-0.5	130213-32	3.47	1
HB-1-0.5	130213-34	25.0	1
HB-2-0.5	130213-36	10.3	1
HB-102-0.5	130213-37	6.74	1
BB-1-0.5	130213-40	19.9	1
BB-2-0.5	130213-42	72.4 *	1
Method Blank		ND	1

MDL 0.084
 PQL 0.50

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 J = Trace Concentration between MDL and PQL
 Actual Detection Limit = PQL X DF
 ND = Below the Actual Detection Limit or non-detected
 TTLC = Total Threshold Limit Concentration
 STLC = Soluble Threshold Limit Concentration
 STLC Limit for lead = 5 PPM
 * = STLC analysis is recommended (if marked)
 *** = The concentration exceeds the TTLC Limit @ 1000 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: 
 CAL-DHS ELAP CERTIFICATE No.: 1555

UM 0300/13

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA
 MATRIX: SOIL DATE RECEIVED: 02/13/13
 SAMPLING DATE: 02/13/13 DATE ANALYZED: 02/15/13
 REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13


EPA 6010B FOR TTLC-ARSENIC
 UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ARSENIC RESULT	DF
ST-1-0.5	130213-51	7.24	1
ST-1-2.5	130213-52	4.51	1
ST-3-0.5	130213-55	1.25	1
ST-3-2.5	130213-56	1.01	1
ST-4-0.5	130213-57	17.9	1
ST-4-2.5	130213-58	11.8	1
ST-104-0.5	130213-59	24.4	1
ST-104-2.5	130213-60	9.14	1

Method Blank		ND	1
	MDL	0.248	
	PQL	0.30	

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 J = Trace Concentration between MDL and PQL
 Actual Detection Limit = PQL X DF
 ND = Below the Actual Detection Limit or non-detected
 TTLC = Total Threshold Limit Concentration
 STLC = Soluble Threshold Limit Concentration
 STLC Limit for Arsenic = 5 PPM
 * = STLC analysis is recommended (if marked)
 *** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: 
 CAL-DHS ELAP CERTIFICATE No.: 1555

141032013

Enviro - Chem, Inc.

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LABORATORY REPORT

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EPA 6010B FOR TTLC-LEAD

UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	TTLC-LEAD RESULT	DF
ST-1-0.5	130213-51	7.96	1
ST-2-0.5	130213-53	10.1	1
ST-3-0.5	130213-55	46.3	1
ST-4-0.5	130213-57	12.5	1
ST-104-0.5	130213-59	2.93	1
ST-5-0.5	130213-61	20.4	1
ST-6-0.5	130213-63	8.02	1
Method Blank		ND	1
	MDL	0.084	
	PQL	0.50	

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 J = Trace Concentration between MDL and PQL
 Actual Detection Limit = PQL X DF
 ND = Below the Actual Detection Limit or non-detected
 TTLC = Total Threshold Limit Concentration
 STLC = Soluble Threshold Limit Concentration
 STLC Limit for lead = 5 PPM
 * = STLC analysis is recommended (if marked)
 *** = The concentration exceeds the TTLC Limit @ 1000 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
 CAL-DHS ELAP CERTIFICATE No.: 1555

44032013

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA
MATRIX: SOIL DATE RECEIVED: 02/13/13
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REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13

EPA 6010B FOR TTLC-LEAD; PAGE 2 OF 2
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	TTLC-LEAD RESULT	DF
BB-102-0.5	130213-43	123 *	1
BB-3-0.5	130213-46	52.6 *	1
Method Blank		ND	1
	MDL	0.084	
	PQL	0.50	

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for lead = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 1000 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

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PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA


MATRIX: WATER DATE RECEIVED: 02/13/13
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REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13

EPA 200.7 FOR TOTAL ARSENIC
UNITS: mg/L = MILLIGRAM PER LITER

SAMPLE I.D.	LAB I.D.	TOTAL ARSENIC RESULT	DF
200-1	130213-48	ND	1
Method Blank		ND	1
	MDL	0.005	
	PQL	0.01	

COMMENTS

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: 
CAL-DHS ELAP CERTIFICATE No.: 1555

14032013

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

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EPA 200.7 FOR TOTAL LEAD
UNITS: mg/L = MILLIGRAM PER LITER

SAMPLE I.D.	LAB I.D.	TOTAL LEAD RESULT	DF
200-1	130213-48	ND	1
Method Blank		ND	1
	MDL	0.004	
	PQL	0.01	

COMMENTS

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

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EPA 200.7 FOR TOTAL ARSENIC
UNITS: mg/L = MILLIGRAM PER LITER

SAMPLE I.D.	LAB I.D.	TOTAL ARSENIC RESULT	DF
200-2	130213-71	ND	1
Method Blank	---	ND	1
	MDL	0.005	
	PQL	0.01	

COMMENTS

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

M4032013

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EPA 200.7 FOR TOTAL LEAD
UNITS: mg/L = MILLIGRAM PER LITER

SAMPLE I.D.	LAB I.D.	TOTAL LEAD RESULT	DF
200-2	130213-71	ND	1
Method Blank	---	ND	1
	MDL	0.004	
	PQL	0.01	

COMMENTS

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

M4032013

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 2/15/2013

Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130213-24	1.00	100	PASS	1.51	50.0	44.4	86%	45.4	88%	2%
Cadmium(Cd)	130213-24	1.00	100	PASS	0	50.0	42.7	85%	43.8	88%	3%
Lead(Pb)	130213-24	1.00	100	PASS	8.96	50.0	44.8	72%	45.6	73%	2%

ANALYSIS DATE: 2/15/2013

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130214-3	0.125	98	PASS	0	0.125	0.114	91%	0.112	89%	2%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Cadmium(Cd)	PASS	PASS	PASS	PASS
Lead(Pb)	FAIL	FAIL	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

4/10/3/13

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 2/15/2013

Unit : *mg/Kg(ppm)*

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130213-51	1.00	102	PASS	7.24	50.0	59.6	105%	59.6	105%	0%
Cadmium(Cd)	130213-51	1.00	102	PASS	0	50.0	51.0	102%	51.3	103%	1%
Lead(Pb)	130213-51	1.00	101	PASS	7.96	50.0	53.0	90%	53.3	91%	1%

ANALYSIS DATE. : 2/15/2013

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130214-3	0.125	98	PASS	0	0.125	0.114	91%	0.112	89%	2%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Cadmium(Cd)	PASS	PASS	PASS	PASS
Lead(Pb)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: 

FINAL REVIEWER: 

14032013

QA/QC for TLLC Metals Analysis --WATER MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 2/14/2013

Unit : mg/L(ppm)

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Lead(Pb)	130213-80	1.00	105	PASS	0	1.00	1.06	106%	1.05	105%	1%
Chromium(Cr)	130213-80	1.00	92	PASS	0	1.00	0.924	92%	0.906	91%	2%
Arsenic(As)	130213-80	1.00	100	PASS	0	1.00	0.983	98%	0.975	98%	1%

ANALYSIS DATE : 2/12/2013

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130211-99	0.00250	92	PASS	0	0.00250	0.00220	88%	0.00220	88%	0%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Lead(Pb)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Arsenic(As)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

1/11/2013

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: Leighton Consulting
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PROJECT: 10084.001 WUHSO 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL
 SAMPLING DATE: 02/13/13
 REPORT TO: Mr. RICHARD ORR

DATE RECEIVED: 02/13/13
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PCBs ANALYSIS

METHOD: EPA 8082

UNIT: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	PCB-1016	PCB-1221	PCB-1232	PCB-1242	PCB-1248	PCB-1254	PCB-1260	TOTAL PCBs*	DF
TR-1-05	130213-65	ND	ND	ND	ND	ND	ND	ND	ND	1
TR-101-0.5	130213-67	ND	ND	ND	ND	ND	ND	ND	ND	1
TR-2-05	130213-69	ND	ND	ND	ND	ND	ND	ND	ND	1
Method Blank		ND	ND	ND	ND	ND	ND	ND	ND	1
	MDL	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005	
	PQL	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	

COMMENTS

DF = DILUTION FACTOR
 MDL = METHOD DETECTION LIMIT
 PQL = PRACTICAL QUANTITATION LIMIT
 J = TRACE CONCENTRATION BETWEEN MDL AND PQL
 ACTUAL DETECTION LIMIT = PQL X DF
 ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT
 * = SUM OF THE PCB 1016, 1221, 1232, 1242, 1248, 1254 AND 1260
 *** = THE CONCENTRATION EXCEEDS THE TTLC LIMIT OF 50, AND THE SAMPLE IS DEFINED AS HAZARDOUS WASTE AS PER CCR-TITLE 22 (IF MARKED)

Data Reviewed and Approved by: _____
 CAL-DHS ELAP CERTIFICATE No.: 1555

1410320/3

Enviro - Chem, Inc.

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SAMPLE I.D.: ST-1-0.5/2.5 (COMPOSITE)
LAB I.D.: 130213-51,-52 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, Toxaphene.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature/initials

Handwritten number: M4037013

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SAMPLE I.D.: ST-2-0.5/1.5 (COMPOSITE)
 LAB I.D.: 130213-53, -54 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0002	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0002	1
alpha-Chlordane	ND	0.001	0.0002	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0003	1
4,4'-DDE	ND	0.001	0.0003	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0003	1
Endosulfan I	ND	0.001	0.0002	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0004	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0003	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 Actual Detection Limit = PQL X DF
 J = Trace Concentration between MDL and PQL
 ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
 CAL-DHS CERTIFICATE # 1555



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SAMPLE I.D.: ST-3-0.5/2.5 (COMPOSITE)
 LAB I.D.: 130213-55,-56 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0002	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0002	1
alpha-Chlordane	ND	0.001	0.0002	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0003	1
4,4'-DDE	ND	0.001	0.0003	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0003	1
Endosulfan I	ND	0.001	0.0002	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0004	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0003	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 Actual Detection Limit = PQL X DF
 J = Trace Concentration between MDL and PQL
 ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
 CAL-DHS CERTIFICATE # 1555



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SAMPLE I.D.: ST-4-0.5/2.5 (COMPOSITE)
 LAB I.D.: 130213-57, -58 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

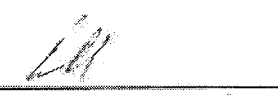
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0002	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0002	1
alpha-Chlordane	ND	0.001	0.0002	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0003	1
4,4'-DDE	ND	0.001	0.0003	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0003	1
Endosulfan I	ND	0.001	0.0002	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0004	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0003	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 Actual Detection Limit = PQL X DF
 J = Trace Concentration between MDL and PQL
 ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
 CAL-DHS CERTIFICATE # 1555



14032013

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHS 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL
 SAMPLING DATE: 02/13/13
 REPORT TO: Mr. RICHARD ORR

DATE RECEIVED: 02/13/13
 DATE EXTRACTED: 02/15/13
 DATE ANALYZED: 02/15/13
 DATE REPORTED: 02/20/13

SAMPLE I.D.: ST-104-0.5/2.5 (COMPOSITE)
 LAB I.D.: 130213-59, -60 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

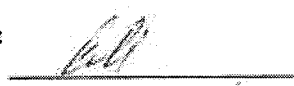
Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0002	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0002	1
alpha-Chlordane	ND	0.001	0.0002	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0003	1
4,4'-DDE	ND	0.001	0.0003	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0003	1
Endosulfan I	ND	0.001	0.0002	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0004	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0003	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 Actual Detection Limit = PQL X DF
 J = Trace Concentration between MDL and PQL
 ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
 CAL-DHS CERTIFICATE # 1555



110320/13

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHS 10800 Ben Avon Ave., Whittier, CA
DATE RECEIVED: 02/13/13
MATRIX: SOIL DATE EXTRACTED: 02/15/13
SAMPLING DATE: 02/13/13 DATE ANALYZED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 02/20/13

SAMPLE I.D.: ST-5-0.5/2.5 (COMPOSITE)
LAB I.D.: 130213-61,-62 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc., with their respective results and limits.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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Handwritten date: 11/03/2013

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170

PROJECT: 10084.001 WUHSO 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL
SAMPLING DATE: 02/13/13
REPORT TO: Mr. RICHARD ORR

DATE RECEIVED: 02/13/13
DATE EXTRACTED: 02/15/13
DATE ANALYZED: 02/15/13
DATE REPORTED: 02/20/13

SAMPLE I.D.: ST-6-0.5/2.5 (COMPOSITE)
LAB I.D.: 130213-63, -64 (COMPOSITE)

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0002	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0002	1
alpha-Chlordane	ND	0.001	0.0002	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0003	1
4,4'-DDE	ND	0.001	0.0003	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0003	1
Endosulfan I	ND	0.001	0.0002	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0004	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0003	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

J = Trace Concentration between MDL and PQL

ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

14032013

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHS 10800 Ben Avon Ave., Whittier, CA

MATRIX: SOIL DATE RECEIVED: 02/13/13
SAMPLING DATE: 02/13/13 DATE EXTRACTED: 02/15/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 02/15/13
DATE REPORTED: 02/20/13

METHOD BLANK FOR LAB I.D.: 130213-51/-52 (COMPOSITE),
-53/-54 (COMPOSITE), -55/-56 (COMPOSITE), -57/-58 (COMPOSITE),
-59/-60 (COMPOSITE) -61, -62 (COMPOSITE), -63/-64 (COMPOSITE)

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides and their detection limits.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature/initials

Handwritten number: 11032013

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.001 WUHS 10800 Ben Avon Ave., Whittier, CA

MATRIX: WATER
SAMPLING DATE: 02/13/13
REPORT TO: Mr. RICHARD ORR

DATE RECEIVED: 02/13/13
DATE EXTRACTED: 02/19/13
DATE ANALYZED: 02/19/13
DATE REPORTED: 02/20/13

SAMPLE I.D.: 200-2

LAB I.D.: 130213-71

Organochlorine Pesticides & PCBs Analysis

Method: EPA 8081A/8082

Unit: ug/L = Microgram per Liter = PPB

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.100	0.004	1
alpha-BHC	ND	0.100	0.004	1
beta-BHC	ND	0.100	0.006	1
gamma-BHC (Lindane)	ND	0.100	0.004	1
delta-BHC	ND	0.100	0.003	1
alpha-Chlordane	ND	0.100	0.003	1
gamma-Chlordane	ND	0.100	0.004	1
Total Chlordane	ND	0.500	0.050	1
4,4'-DDD	ND	0.100	0.002	1
4,4'-DDE	ND	0.100	0.006	1
4,4'-DDT	ND	0.100	0.004	1
Dieldrin	ND	0.100	0.004	1
Endosulfan I	ND	0.100	0.005	1
Endosulfan II	ND	0.100	0.006	1
Endosulfan Sulfate	ND	0.100	0.005	1
Endrin	ND	0.100	0.004	1
Endrin Aldehyde	ND	0.100	0.040	1
Endrin Ketone	ND	0.100	0.004	1
Heptachlor Epoxide	ND	0.100	0.008	1
Heptachlor	ND	0.100	0.004	1
Methoxychlor	ND	0.100	0.004	1
Toxaphene	ND	2.00	1.00	1
PCB-1016	ND	1.00	0.50	1
PCB-1221	ND	1.00	0.50	1
PCB-1232	ND	1.00	0.50	1
PCB-1242	ND	1.00	0.50	1
PCB-1248	ND	1.00	0.50	1
PCB-1254	ND	1.00	0.50	1
PCB-1260	ND	1.00	0.50	1

COMMENTS

DF = DILUTION FACTOR

MDL = METHOD DETECTION LIMIT

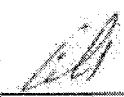
PQL = PRACTICAL QUANTITATION LIMIT

J = TRACE CONCENTRATION BETWEEN MDL AND PQL

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555



144032013

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Leighton Consulting
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel(909)484-2205 Fax(909)484-2170

PROJECT: 10084.001 WUHSD 10800 Ben Avon Ave., Whittier, CA

MATRIX: WATER
 SAMPLING DATE: 02/13/13
 REPORT TO: Mr. RICHARD ORR

DATE RECEIVED: 02/13/13
 DATE EXTRACTED: 02/19/13
 DATE ANALYZED: 02/19/13
 DATE REPORTED: 02/20/13

METHOD BLANK FOR LAB I.D.: 130213-71

Organochlorine Pesticides & PCBs Analysis

Method: EPA 8081A/8082

Unit: ug/L = Microgram per Liter = PPB

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.100	0.004	1
alpha-BHC	ND	0.100	0.004	1
beta-BHC	ND	0.100	0.006	1
gamma-BHC (Lindane)	ND	0.100	0.004	1
delta-BHC	ND	0.100	0.003	1
alpha-Chlordane	ND	0.100	0.003	1
gamma-Chlordane	ND	0.100	0.004	1
Total Chlordane	ND	0.500	0.050	1
4,4'-DDD	ND	0.100	0.002	1
4,4'-DDE	ND	0.100	0.006	1
4,4'-DDT	ND	0.100	0.004	1
Dieldrin	ND	0.100	0.004	1
Endosulfan I	ND	0.100	0.005	1
Endosulfan II	ND	0.100	0.006	1
Endosulfan Sulfate	ND	0.100	0.005	1
Endrin	ND	0.100	0.004	1
Endrin Aldehyde	ND	0.100	0.040	1
Endrin Ketone	ND	0.100	0.004	1
Heptachlor Epoxide	ND	0.100	0.008	1
Heptachlor	ND	0.100	0.004	1
Methoxychlor	ND	0.100	0.004	1
Toxaphene	ND	2.00	1.00	1
PCB-1016	ND	1.00	0.50	1
PCB-1221	ND	1.00	0.50	1
PCB-1232	ND	1.00	0.50	1
PCB-1242	ND	1.00	0.50	1
PCB-1248	ND	1.00	0.50	1
PCB-1254	ND	1.00	0.50	1
PCB-1260	ND	1.00	0.50	1

COMMENTS

DF = DILUTION FACTOR

MDL = METHOD DETECTION LIMIT

PQL = PRACTICAL QUANTITATION LIMIT

J = TRACE CONCENTRATION BETWEEN MDL AND PQL

ACTUAL DETECTION LIMIT = PQL X DF

ND = NON-DETECTED OR BELOW THE ACTUAL DETECTION LIMIT

Data Reviewed and Approved by:
 CAL-DHS CERTIFICATE # 1555

MM0320/13

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix: Water/Liquid
Unit: ug/L

Date Analyzed: 2/13/2013

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 130213-71 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0	5.00	5.88	118%	6.13	123%	4%	0-20%	70-130
Aldrin	0	5.00	5.88	118%	6.15	123%	4%	0-20%	70-130
4,4-DDE	0	5.00	5.91	118%	6.29	126%	6%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.500	0.561	112%	75-125
Aldrin	0.500	0.566	113%	75-125
4,4-DDE	0.500	0.575	115%	75-125
Dieldrin	0.500	0.585	117%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		M-BLK	130213-71	130215-1					
Tetra-chloro-meta-xylene	50-150	98%	97%	123%					
Decachlorobipneyl	50-150	135%	132%	120%					

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.									
Tetra-chloro-meta-xylene									
Decachlorobipneyl									

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
Tetra-chloro-meta-xylene						
Decachlorobipneyl						

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: B

* = Surrogate fail due to matrix interference

Note: LCS, MS, MSD are in control therefore results are in control.

Final Reviewer: Q

14032013

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: Soil/Solid/Liquid/Sludge

Date Analyzed: 2/15/2013

Unit: mg/Kg (PPM)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 130213-65 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	0.00	1.00	1.05	105%	0.886	89%	16%	0-20%	70-130

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	0.100	0.104	104%	75-125

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: 

Final Reviewer: 

1/10/3/2013

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

QA/QC Report

Analysis: EPA 8082 (PCB)

Matrix: Water/Liquid

Date Analyzed: 2/19/2013

Unit: ug/L (PPB)

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 130213-71 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP % RPD	ACP %REC
PCB (1016+1260)	0	100	93.9	94%	111.0	111%	17%	0-20%	70-130

LCS STD RECOVERY:

Analyte	spk conc	LCS	% REC	ACP %REC
PCB (1016+1260)	10.0	9.0	90%	75-125

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: B

Final Reviewer: E

44032013

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix: **Soil/Solid/Liquid**
Unit: **mg/Kg (ppm)**

Date Analyzed: **2/15/2013**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **130213-51.52 MS/MSD**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.0500	0.0481	96%	0.0476	95%	1%	0-20%	70-130
Aldrin	0.000	0.0500	0.0541	108%	0.0537	107%	1%	0-20%	70-130
4,4-DDE	0.000	0.0500	0.0569	114%	0.0557	111%	2%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00483	97%	75-125
Aldrin	0.00500	0.00543	109%	75-125
4,4-DDE	0.00500	0.00560	112%	75-125
Dieldrin	0.00500	0.00565	113%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	130213-51.52	130213-53.54	130213-55.56	130213-57.58	130213-59.60	130213-61.62	
Tetra-chloro-meta-xylene	50-150	104%	103%	212%	128%	97%	98%	99%	
Decachlorobiphenyl	50-150	144%	138%	140%	129%	130%	145%	137%	

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		130213-63.64							
Tetra-chloro-meta-xylene	50-150	121%							
Decachlorobiphenyl	50-150	130%							

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.									
Tetra-chloro-meta-xylene	50-150								
Decachlorobiphenyl	50-150								

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

* = Surrogate fail due to matrix interference (If Marked)

Note: LCS, MS, MSD are in control therefore results are in control.

Analyzed and Reviewed By: B

Final Reviewer: Ⓞ

Mn032013

**Laboratory Data Consultants, Inc.
Data Validation Report**

Project/Site Name: WUHSD
Collection Date: March 5, 2013
LDC Report Date: March 19, 2013
Matrix: Soil/Water
Parameters: Lead
Validation Level: Level II
Laboratory: Enviro-Chem, Inc.
Sample Delivery Group (SDG): 130306

Sample Identification

BB-2-4.0
BB-2NW-0.5
BB-2NW-2.5
BB-2SW-0.5
BB-2SW-2.5
BB-2SE-0.5
BB-2SE-2.5
BS-7-4.0
BS-7SW-0.5
BS-7SW-2.5
BS-7NE-0.5
BS-7NE-2.5
BS-7SE-0.5
BS-7SE-2.5
300-1
BS-7-4.0MS
BS-7-4.0MSD

Introduction

This data review covers 16 soil samples and one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 6010B and EPA Method 200.7 for Lead.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. ICPMS Tune

ICP-MS was not utilized in this SDG.

III. Calibration

Calibration data were not reviewed for Level II.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No lead was found in the preparation blanks.

Sample 300-1 was identified as an equipment blank. No lead was found.

V. ICP Interference Check Sample (ICS) Analysis

ICP Interference check sample analysis data were not reviewed for Level II.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Internal Standards (ICP-MS)

ICP-MS was not utilized in this SDG.

X. Furnace Atomic Absorption QC

Graphite furnace atomic absorption was not utilized in this SDG.

XI. ICP Serial Dilution

ICP serial dilution was not performed for this SDG.

XII. Sample Result Verification

Raw data were not reviewed for this SDG.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in this SDG.

LDC #: 29357B4

VALIDATION COMPLETENESS WORKSHEET

Date: 3/14/13

SDG #: 130306

Level II

Page: 1 of 1

Laboratory: Enviro-Chem, Inc.

LPA

Reviewer: *MM*

2nd Reviewer: *[Signature]*

METHOD: Lead (EPA SW 846 Method 6010B/200.7)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 3/5/13
II.	ICP/MS Tune	N	<i>not utilized</i>
III.	Calibration	N	
IV.	Blanks	A	<i>MB</i>
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis	A	<i>3 MS / MS D</i>
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	A	<i>LCS</i>
IX.	Internal Standard (ICP-MS)	N	<i>not utilized</i>
X.	Furnace Atomic Absorption QC	N	<i>↓</i>
XI.	ICP Serial Dilution	N	
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	A	
XIV.	Field Duplicates	N	
XV.	Field Blanks	ND	<i>EB=15</i>

Note: A = Acceptable
 N = Not provided/applicable
 SW = See worksheet

ND = No compounds detected
 R = Rinsate
 FB = Field blank

D = Duplicate
 TB = Trip blank
 EB = Equipment blank

Validated Samples:

All soil except #15 A2

1	BB-2-4.0	11	BS-7NE-0.5	21	<i>MB</i>	31	
2	BB-2NW-0.5	12	BS-7NE-2.5	22		32	
3	BB-2NW-2.5	13	BS-7SE-0.5	23		33	
4	BB-2SW-0.5	14	BS-7SE-2.5	24		34	
5	BB-2SW-2.5	15	300-1 <i>A2</i>	25		35	
6	BB-2SE-0.5	16	BS-7-4.0MS	26		36	
7	BB-2SE-2.5	17	BS-7-4.0MSD	27		37	
8.	BS-7-4.0	18		28		38	
9	BS-7SW-0.5	19		29		39	
10	BS-7SW-2.5	20		30		40	

Notes: _____

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.002 WUHSD 9800 Mills Ave., Whittier, CA
 MATRIX: SOIL DATE RECEIVED: 03/06/13
 SAMPLING DATE: 03/05/13 DATE ANALYZED: 03/07/13
 REPORT TO: Mr. RICHARD ORR DATE REPORTED: 03/08/13

EPA 6010B FOR TTLC-LEAD
 UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	TTLC-LEAD RESULT	DF
BB-2-4.0	130306-1	3.68	1
BB-2NW-0.5	130306-2	64.7 *	1
BB-2NW-2.5	130306-3	4.31	1
BB-2SW-0.5	130306-4	41.5	1
BB-2SW-2.5	130306-5	5.40	1
BB-2SE-0.5	130306-6	3.98	1
BB-2SE-2.5	130306-7	53.5 *	1
BS-7-4.0	130306-8	3.15	1
BS-7SW-0.5	130306-9	44.9	1
BS-7SW-2.5	130306-10	3.58	1
BS-7NE-0.5	130306-11	18.3	1
BS-7NE-2.5	130306-12	3.48	1
BS-7SE-0.5	130306-13	3.89	1
BS-7SE-2.5	130306-14	10.5	1
Method Blank	---	ND	1
	MDL	0.084	
	PQL	0.50	

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 J = Trace Concentration between MDL and PQL
 Actual Detection Limit = PQL X DF
 ND = Below the Actual Detection Limit or non-detected
 TTLC = Total Threshold Limit Concentration
 STLC = Soluble Threshold Limit Concentration
 STLC Limit for lead = 5 PPM
 * = STLC analysis is recommended (if marked)
 *** = The concentration exceeds the TTLC Limit @ 1000 PPM, therefore the sample is defined as hazardous waste, as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
 CAL-DHS ELAP CERTIFICATE No.: 1555

144 03/20/13

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 3/7/2013

Unit : *mg/Kg(ppm)*

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130306-36	1.00	101	PASS	0.496	50.0	51.5	102%	51.4	102%	0%
Chromium(Cr)	130306-36	1.00	99	PASS	20.7	50.0	73.1	105%	72.7	104%	1%
Lead(Pb)	130306-36	1.00	106	PASS	7.89	50.0	48.5	81%	48.7	82%	0%

~~ANALYSIS DATE : 3/7/2013~~

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130306-51	0.125	97	PASS	0	0.125	0.118	94%	0.114	91%	3%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Lead(Pb)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: *Av*

FINAL REVIEWER: *0*

4/10/2013

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170

PROJECT: 10084.002 WUHSD 9800 Mills Ave., Whittier, CA
MATRIX: WATER DATE RECEIVED: 03/06/13
SAMPLING DATE: 03/05/13 DATE ANALYZED: 03/08/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 03/08/13

EPA 200.7 FOR TOTAL LEAD
UNITS: mg/L = MILLIGRAM PER LITER

SAMPLE I.D.	LAB I.D.	TOTAL LEAD RESULT	DF
300-1	130306-15	ND	1
Method Blank	---	ND	1
	MDL	0.004	
	PQL	0.01	

COMMENTS

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

6/10/20/13

APPENDIX D

ASFE – Geoenvironmental Reports

Important Information About Your Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. *Have realistic expectations.* Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

Beware of Change; Keep Your Geoenvironmental Professional Advised

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- replacement of or additions to the financing entity,
- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvironmental report.* Advise your geoenvironmental professional immediately; follow the professional's advice.

Recognize the Impact of Time

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

Prepare To Deal with Unanticipated Conditions

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing.* Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental professional has applied that specific information to develop a general opinion about environmental conditions. *Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report.* For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. *Even conditions in areas that were tested can change,* sometimes suddenly, due to any number of events, not the least of which include occurrences at

adjacent sites. Recognize, too, that *even some conditions in tested areas may go undiscovered*, because the tests or analytical methods used were designed to detect only those conditions assumed to exist.

Manage your risks by retaining your geoenvironmental professional to work with you as the project proceeds. Establish a contingency fund or other means to enable your geoenvironmental professional to respond rapidly, in order to limit the impact of unforeseen conditions. And to help prevent any misunderstanding, identify those empowered to authorize changes and the administrative procedures that should be followed.

Do Not Permit Any Other Party To Rely on the Report

Geoenvironmental professionals design their studies and prepare their reports to meet the specific needs of the clients who retain them, in light of the risk management methods that the client and geoenvironmental professional agree to, and the statutory, regulatory, or other requirements that apply. The study designed for a developer may differ sharply from one designed for a lender, insurer, public agency...or even another developer. *Unless the report specifically states otherwise, it was developed for you and only you.* Do not unilaterally permit any other party to rely on it. The report and the study underlying it may not be adequate for another party's needs, and you could be held liable for shortcomings your geoenvironmental professional was powerless to prevent or anticipate. Inform your geoenvironmental professional when you know or expect that someone else—a third-party—will want to use or rely on the report. *Do not permit third-party use or reliance until you first confer with the geoenvironmental professional who prepared the report.* Additional testing, analysis, or study may be required and, in any event, appropriate terms and conditions should be agreed to so both you and your geoenvironmental professional are protected from third-party risks. *Any party who relies on a geoenvironmental report without the express written permission of the professional who prepared it and the client for whom it was prepared may be solely liable for any problems that arise.*

Avoid Misinterpretation of the Report

Design professionals and other parties may want to rely on the report in developing plans and specifications. They need to be advised, in writing, that their needs may not have been considered when the study's scope was developed, and, even if their needs were considered, they might misinterpret geoenvironmental findings, conclusions, and recommendations. *Commission your geoenvironmental professional to explain pertinent elements of the report to others who are permitted to rely on it, and to review any plans, specifications or other instruments of professional service that incorporate any of the report's findings, conclusions, or recommendations.* Your geoenvironmental professional has the best understanding of the issues involved, including the fundamental assumptions that underpinned the study's scope.

Give Contractors Access to the Report

Reduce the risk of delays, claims, and disputes by giving contractors access to the full report, *providing that it is accompanied by a letter of transmittal that can protect you* by making it unquestionably clear that: 1) the study was not conducted and the report was not prepared for purposes of bid development, and 2) the findings, conclusions, and recommendations included in the report are based on a variety of opinions, inferences, and assumptions and are subject to interpretation. Use the letter to also advise contractors to consult with your geoenvironmental professional to obtain clarifications, interpretations, and guidance (a fee may be required for this service), and that—in any event—they should conduct additional studies to obtain the specific type and extent of information each prefers for preparing a bid or cost estimate. Providing access to the full report, with the appropriate caveats, helps prevent formation of adversarial attitudes and claims of concealed or differing conditions. If a contractor elects to ignore the warnings and advice in the letter of transmittal, it would do so at its own risk. Your geoenvironmental professional should be able to help you prepare an effective letter.

Do Not Separate Documentation from the Report

Geoenvironmental reports often include supplemental documentation, such as maps and copies of regulatory files, permits, registrations, citations, and correspondence with regulatory agencies. If subsurface explorations were performed, the report may contain final boring logs and copies of laboratory data. If remediation activities occurred on site, the report may include: copies of daily field reports; waste manifests; and information about the disturbance of subsurface materials, the type and thickness of any fill placed on site, and fill placement practices, among other types of documentation. *Do not separate supplemental documentation from the report. Do not, and do not permit any other party to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.*

Understand the Role of Standards

Unless they are incorporated into statutes or regulations, standard practices and standard guides developed by the American Society for Testing and Materials (ASTM) and other recognized standards-developing organizations (SDOs) are little more than aspirational methods agreed to by a consensus of a committee. The committees that develop standards may not comprise those best-qualified to establish methods and, no matter what, no standard method can possibly consider the infinite client- and project-specific variables that fly in the face of the theoretical "standard conditions" to which standard practices and standard guides apply. In fact, these variables can be so pronounced that geoenvironmental professionals who comply with every directive of an ASTM or other standard procedure could run afoul of local custom and practice, thus violating the standard of care.

Accordingly, when geoenvironmental professionals indicate in their reports that they have performed a service "in general compliance" with one standard or another, it means they have applied professional judgement in creating and implementing a scope of service designed for the specific client and project involved, and which follows some of the general precepts laid out in the referenced standard. To the extent that a report indicates "general compliance" with a standard, you may wish to speak with your geoenvironmental professional to learn more about what was and was not done. *Do not assume a given standard was followed to the letter.* Research indicates that that seldom is the case.

Realize That Recommendations May Not Be Final

The technical recommendations included in a geoenvironmental report are based on assumptions about actual conditions, and so are preliminary or tentative. Final recommendations can be prepared only by observing actual conditions as they are exposed. For that reason, you should retain the geoenvironmental professional of record to observe construction and/or remediation activities on site, to permit rapid response to unanticipated conditions. *The geoenvironmental professional who prepared the report cannot assume responsibility or liability for the report's recommendations if that professional is not retained to observe relevant site operations.*

Understand That Geotechnical Issues Have Not Been Addressed

Unless geotechnical engineering was specifically included in the scope of professional service, a report is not likely to relate any findings, conclusions, or recommendations about the suitability of subsurface materials for construction purposes, especially when site remediation has been accomplished through the removal, replacement, encapsulation, or chemical treatment of on-site soils. The

equipment, techniques, and testing used by geotechnical engineers differ markedly from those used by geoenvironmental professionals; their education, training, and experience are also significantly different. If you plan to build on the subject site, but have not yet had a geotechnical engineering study conducted, your geoenvironmental professional should be able to provide guidance about the next steps you should take. The same firm may provide the services you need.

Read Responsibility Provisions Closely

Geoenvironmental studies cannot be exact; they are based on professional judgement and opinion. Nonetheless, some clients, contractors, and others assume geoenvironmental reports are or certainly should be unerringly precise. Such assumptions have created unrealistic expectations that have led to wholly unwarranted claims and disputes. To help prevent such problems, geoenvironmental professionals have developed a number of report provisions and contract terms that explain who is responsible for what, and how risks are to be allocated. Some people mistake these for "exculpatory clauses," that is, provisions whose purpose is to transfer one party's rightful responsibilities and liabilities to someone else. Read the responsibility provisions included in a report and in the contract you and your geoenvironmental professional agreed to. *Responsibility provisions are not "boilerplate."* They are important.

Rely on Your Geoenvironmental Professional for Additional Assistance

Membership in ASFE exposes geoenvironmental professionals to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a geoenvironmental project. Confer with your ASFE-member geoenvironmental professional for more information.



8811 Colesville Road/Suite G106, Silver Spring, MD 20910
Telephone: 301/565-2733 Facsimile: 301/589-2017
e-mail: info@asfe.org www.asfe.org

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**DRAFT SUPPLEMENTAL SITE INVESTIGATION REPORT,
PIONEER HIGH SCHOOL ATHLETIC COMPLEX
MODERNIZATION, 10800 BEN AVON STREET,
WHITTIER, CALIFORNIA**

Prepared For:

WHITTIER UNION HIGH SCHOOL DISTRICT

9401 South Painter Avenue
Whittier, California 90605

Project No. 10084.002

October 11, 2013



Leighton Consulting, Inc.

A LEIGHTON GROUP COMPANY



Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

DRAFT SUPPLEMENTAL SITE INVESTIGATION REPORT, PIONEER
HIGH SCHOOL ATHLETIC COMPLEX MODERNIZATION,
10800 BEN AVON STREET,
WHITTIER, CALIFORNIA

This Supplemental Site Investigation (SSI) report for the existing Pioneer High School Athletic Complex Modernization, located at 10800 Ben Avon Street, Whittier, California was prepared by Leighton Consulting, Inc. for the Whittier Union High School District, in a manner consistent with the level of care and skill ordinarily exercised by professional geologists and environmental scientists. This SSI report was prepared under the technical direction of the undersigned, who is a California Professional Geologist.

Leighton Consulting, Inc.

Richard L. Orr, PG 7199
October 11, 2013



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EXECUTIVE SUMMARY

This report presents the results of the Supplemental Site Investigation (SSI) performed for the Whittier Union High School District's proposed modernization of the Pioneer High School Athletic Complex (Site), located at 10800 Ben Avon Street, Whittier, California (Figure 1).

The Site consists of approximately 13 acres and includes the football stadium, field, running track, baseball diamonds, tennis courts, handball courts, and a portion of the basketball courts located at Pioneer High School. The Site is bounded to the north by Pioneer High School. The Site is bounded by to the east and south by residential development. The Site is bounded to the west by Pioneer Avenue (Figure 2). This SSI report has been prepared by Leighton Consulting, Inc. (Leighton) on behalf of the Whittier Union High School District (WUHSD). This SSI report has been prepared in accordance with the guidelines of the California Environmental Protection Agency (Cal/EPA) Department of Toxic Substances Control (DTSC), as detailed in the *SEAM Guidance Manual* (2008a) and the *Approved Technical Memorandum* (Tech Memo) for this site, dated June 4, 2013 (Leighton Consulting, 2013c). The purpose of the assessment is to evaluate whether current or past hazardous material or waste management practices at the site have resulted in a release or threatened release of hazardous materials, or whether naturally occurring hazardous materials are present at the Site.

The Site consists of the Pioneer High School athletic complex and is located at 10800 Ben Avon Street, Whittier, California (Figure 1). Based on the review of historical aerial photographs and topographic maps during the Phase I ESA Report (Leighton Consulting, 2013a), the property use is unknown prior to 1928. Between 1928 and 1956 the Site appears to have been used for agriculture. The Site has been Pioneer High School since 1956. The Site is bounded to the north by the main campus of Pioneer High School. To the south the subject property is bordered by Slauson Avenue. Adjacent to the south across Slauson Avenue are residential properties. Adjacent to the west is Pioneer Avenue. Adjacent to the west across Pioneer Avenue are commercial properties and Interstate 605. Adjacent to the east is Millergrove Drive. Adjacent to the east across Millergrove Drive are residential properties. Prior to the residential and commercial development surrounding the Site the adjacent properties were used for agriculture.

Based on information from historical documents and field reconnaissance, a sampling program to address Chemicals of Potential Concern (COPC) was completed.



Based on the results of the SSI, Leighton concludes:

- The non-carcinogenic soil toxicity hazard index for soil was calculated for 4,4'-DDE, 4,4'-DDT, and lead using the highest concentrations found on site. Stepout sampling was conducted around the locations of lead impacts during the Phase I Addendum (Leighton Consulting, 2013b) to evaluate lateral and vertical extent of the lead impacts. Concentrations of lead in excess of CHHSLs were not identified in the stepout sampling. Based on the stepout sampling results near these locations, the elevated levels of lead appear to be localized and *de minimus*. The soil hazard index for the entire Site is 3.96E-03. This value is below the threshold hazard index of 1.0. Therefore, lead, 4,4'-DDE, and 4,4'-DDT do not appear to pose a potential hazard to future students and staff who will utilize the school facility.
- The carcinogenic risk for soil was calculated using the highest concentrations of 4,4'-DDE and 4,4'-DDT, found on the Site. The soil cancer risk for the entire Site is 6.15E-08, this is below the carcinogenic risk threshold of 1E-06 (one in one million increased risk). The concentrations of 4,4'-DDE and 4,4'-DDT do not appear to pose a significantly increased health risk to Site occupants.
- Arsenic concentrations in excess of the DTSC recognized ambient background concentration for southern California soil (DTSC, 2008b) were identified in shallow soil samples.

Based on the results of this SSI, housekeeping response, and human health risk assessment, no further action is recommended.



1.0 INTRODUCTION

This report presents the results of the Supplemental Site Investigation (SSI) performed for the Whittier Union High School District's proposed modernization of the Pioneer High School Athletic Complex (Site), located at 10800 Ben Avon Street, Whittier, California (Figure 1).

The Site consists of approximately 13 acres and includes the football stadium, field, running track, baseball diamonds, tennis courts, handball courts, and a portion of the basketball courts located at Pioneer High School. The Site is bounded to the north by Pioneer High School. The Site is bounded by to the east and south by residential development. The Site is bounded to the west by Pioneer Avenue (Figure 2).

This SSI report has been prepared by Leighton Consulting, Inc. (Leighton) on behalf of the Whittier Union High School District (WUHSD). This SSI report has been prepared in accordance with the guidelines of the California Environmental Protection Agency (Cal/EPA) Department of Toxic Substances Control (DTSC), as detailed in the *SEAM Guidance Manual* (2008a) and the *Approved Technical Memorandum* (Tech Memo) for this site, dated June 4, 2013 (Leighton Consulting, 2013c). The purpose of the assessment is to evaluate whether current or past hazardous material or waste management practices at the site have resulted in a release or threatened release of hazardous materials, or whether naturally occurring hazardous materials are present at the Site.

This report presents:

- Site descriptions and relevant background information;
- Rationale and methodology for sampling and analysis;
- Analytical results;
- Human health screening evaluations;
- Conclusions and recommendations;
- Public Participation; and
- References cited in Appendix A.

The WUHSD is referred to Appendix F regarding important information provided by the Associated Soil and Foundation Engineers (ASFE) on geoenvironmental studies and reports.



2.0 SITE DESCRIPTION

2.1 Site Name

The Site has been identified by the WUHSD as the Pioneer High School Athletic Complex Modernization Project (Figure 1).

2.2 Contacts

School District Representative:

Mr. Don Lussier, Director of Facilities
Whittier Union High School District
9401 South Painter Avenue
Whittier, California 90605

Consultant:

Richard L. Orr, PG
Associate Geologist
Leighton Consulting, Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, California 91730

2.3 Site Address

The Site is located at 10800 Ben Avon Street, Whittier, California (Figure 1).

2.4 U.S. Environmental Protection Agency (U.S. EPA) Identification Number

Based on a review of the regulatory database search report and contacts with regulatory agencies, discussed further below, the Site has not been issued a US EPA Identification Number.



2.5 Calsites Database Number

Based on a review of the regulatory database search report and contacts with regulatory agencies, discussed further below, the Site has not been issued a Calsites Database Number.

2.6 Assessor's Parcel Number(s)

The Los Angeles County Assessor's office designates the Site as a portion of APNs 8177-019-905.

2.7 Township, Range, Section and Meridian

The Site is located within Section 25 of Township 2 South, Range 12 West, of the San Bernardino Baseline and Meridian, Los Angeles County, California. Topographic map coverage of the Site is provided by the United States Geological Survey (USGS) Whittier, California Quadrangle (1981).

2.8 Site Maps

A Site Location Map depicting the Site and surrounding area in topographical format is included as Figure 1. A site plan is included as Figure 2.

2.9 Site Latitude and Longitude

The Site is located at latitude 33.97° north and longitude 118.08° west.

2.10 Site State Senate and Assembly Districts

The Site is located in State Senate District 30 and Assembly District 57 (California State Senate, 2013).

2.11 Site and Vicinity Characteristics

2.11.1 Site Topography

Topographic map coverage of the Site is provided by the United States Geological Survey (USGS) *Whittier, California* Quadrangle (1981). The track surrounding the football field is shown on the map. The elevation of



the Site is approximately 150-feet above mean sea level (amsl). The Site and surrounding land slopes gently to the south-southwest.

2.11.2 Site Geology and Soil Types

The Site is located in the Los Angeles Basin. The basin is bounded on the north by the Santa Monica Mountains and the Puente Hills, on the east and south by the Santa Ana Mountains and San Joaquin Hills. The subject property is located in the east end of the basin approximately 3.0 miles south of the Whittier Fault zone and approximately 12.0 miles east of the Newport-Inglewood Fault. The Site is underlain by Holocene and late Pleistocene young alluvial wash deposits consisting of unconsolidated silt, sand, and gravel.

During the investigation two continuous soil cores to 15 feet bgs were collected and logged at locations SGP-1 and SGP-2. The soils were free of debris and consisted of fine-grained silty sand to a depth of 10 feet, below 10 feet the soil consisted of silty sand with gravel.

2.11.3 Site Hydrogeologic Setting

The Site is located within the eastern portion of the San Gabriel Valley Groundwater Basin. The San Gabriel Valley Basin is bounded to the north by the Raymond fault and the contact between Quaternary sediments and the crystalline rocks of the San Gabriel Mountains, the basin is bounded to the south and west by the consolidated rocks of the Repetto and Merced Formations and by the Puente Hills. The basin is bounded on the east by the Chino and San Jose faults. The Rio Hondo and San Gabriel Rivers have their headwaters in the San Gabriel Mountains and flow south and west across the basin exiting at Whittier Narrows between the Puente and Merced Hills. Waterbearing units within the basin consist of semi-consolidated and unconsolidated sediments of streams flowing out of the San Gabriel Mountains.

According to the *Groundwater Monitoring Report – First and Second Quarters 2003 Circle K Store #2211211 / CRWQCB – LAR Case #I-01034A 8441 Pioneer Boulevard South, Whittier, California 90606* (Blaes, 2013), depth to groundwater is approximately 36 feet below ground surface.



2.11.4 Site Climatological Setting

The Site vicinity is located in an area of typical Mediterranean climate, characterized by warm, dry summers and mild winters. The temperatures in the site vicinity range between 40° and 80° Fahrenheit in the winter to between 80° and 110° Fahrenheit in the summer.

2.12 Current Land Use

The Site currently consists of the Pioneer High School athletic complex (Figure 2).

Based on the review of historical aerial photographs and topographic maps during the Phase I ESA Report (Leighton Consulting, 2013a), the property use is unknown prior to 1928. Between 1928 and 1956 the Site appears to have been used for agriculture (orchards). After 1956 the Site was developed as Pioneer High School.

2.13 Site Improvements

The Site consists of 12 permanent structures and four large storage containers. The bleachers on the south side of the football field are surrounded on four sides by concrete while the area beneath the bleachers is unpaved. The ground surrounding the bleachers on the north side is paved.

Two snack bar buildings located west of the northern and southern bleachers are surrounded by concrete. Three storage containers east of the northern bleachers are located on unpaved ground; the remaining storage container located west of the northern bleachers is located on asphalt. The bleachers of both baseball fields and both dugouts on the varsity baseball field are situated on unpaved ground. Two large storm drains are located on the sidelines of the football field. Eight smaller storm drains were observed surrounding the football field.

2.14 Adjacent Property Current and Historical Land Use

The Site is bounded to the north by the main campus of Pioneer High School. To the south the subject property is bordered by Slauson Avenue. Adjacent to the south across Slauson Avenue are residential properties. Adjacent to the west is



Pioneer Avenue. Adjacent to the west across Pioneer Avenue are commercial properties and Interstate 605. Adjacent to the east is Millergrove Drive. Adjacent to the east across Millergrove Drive are residential properties. Prior to the residential and commercial development surrounding the Site the adjacent properties were used for agriculture.

2.15 Site History

Based on the review of historical aerial photographs and topographic maps during the Phase I ESA Report (Leighton Consulting, 2013a), the property use is unknown prior to 1928. Between 1928 and 1956 the Site appears to have been used for agriculture. The site has been Pioneer High School since 1956.

2.16 Phase I Environmental Site Assessment

On January 9, 2013, a Leighton Consulting environmental professional conducted a reconnaissance-level assessment of the subject property. The site reconnaissance consisted of the observation and documentation of existing conditions and nature of the neighboring property development within 0.25 mile of the subject property. The ESA revealed no evidence of recognized environmental conditions (RECs) in connection with the property; except for the following:

The site has been historically used for agriculture.

The home and visitor bleachers, tennis courts and two small permanent structures east and west of the northern bleachers on the Site were constructed prior to 1973 and may contain lead-based paint and asbestos containing materials. Additionally, several cargo containers of indeterminate age were also identified on the Site. These may have also been coated with lead-based paint.

One pad-mounted transformer of indeterminate age was identified on the Site.

Based upon the findings of the ESA, Leighton Consulting recommended:

A Phase I addendum investigation to evaluate the potential presence of arsenic in soils within the modernization footprint at the Site resulting from the former agricultural use.



A Phase I addendum investigation to evaluate the potential for the presence of lead and OCPs around structures on the Site.

A Phase I addendum investigation to evaluate the potential presence of PCBs in the vicinity of the transformer on the Site that will be disturbed by the modernization.

2.17 Phase I Addendum Soil Investigation

A Phase I Addendum Soil Investigation report was prepared for the Site by Leighton, dated March 27, 2013 (Leighton Consulting, 2013b). On February 14, 15, and March 5, 2013, Leighton personnel performed field activities including the collection of a total of 46 primary, six QA/QC duplicate, 12 stepout, and two step-down soil samples from 29 locations on the Site. Soil samples were collected at 0.5 feet and 2.5 feet below ground surface (bgs) from each boring. Step down samples were collected at 4.0 feet bgs. The soil samples were analyzed for lead from lead-based paint, organochlorine pesticides (OCPs) from termiticides, and polychlorinated biphenyls (PCBs) near the transformer located beneath the northern bleachers.

Soil samples were transported to Enviro-Chem in Pomona, California, for analysis.

Lead concentrations were reported in each of the samples analyzed (Table 3). The concentrations of lead exceeded the California Human Health Screening Level (CHSSL) of 80 milligrams per kilogram (mg/kg) for unrestricted land use in two of the surface samples: BS-7-0.5 (276 mg/kg) and BB-102-0.5 (123 mg/kg). As a result, step out samples were collected surrounding these sample locations. Step-down samples were also collected at a depth of 4.0 feet bgs in the location of the original samples. The stepout and step down samples did not contain lead concentrations greater the residential CHHSL of 80 mg/kg.

Arsenic concentrations were reported in each of the samples analyzed (Table 3). The concentrations of arsenic exceeded the residential CHHSL but were below the DTSC recognized ambient background arsenic concentration for southern California soils of 12 mg/kg (DTSC, 2008a) in each of the samples with the exception of ST-4-0.5 (17.9 mg/kg).



OCPs were not reported at concentrations exceeding the laboratory method detection limits in the samples analyzed (Table 4).

PCBs were not reported at concentrations exceeding the laboratory method detection limits in the samples analyzed (Table 5).



3.0 RECOGNIZED ENVIRONMENTAL CONDITIONS

3.1 Chemicals of Potential Concern

On May 30, 2013, a scoping meeting was held with representatives of the DTSC, WUHSD, and Leighton. Based on a review of the Phase I ESA and Phase I Addendum (PEA Equivalent [DTSC, 2013]), the DTSC requested the following assessment be conducted at the Site:

- An assessment for former agricultural use by collecting discrete grid samples from an 18 plot grid representing approximately one half-acre spacing, in accordance with *the Interim Guidance for Sampling Agricultural Fields for School Sites* (DTSC, 2008c). Samples will be composited into groups of three or four and analyzed for OCPs. Based on previously identified arsenic concentrations, each discrete sample was analyzed for arsenic.
- One-foot and five-foot stepout samples around sample location ST-4 (Leighton, 2013b) to characterize the areal extent of the arsenic impact.
- Installation and sampling of four soil vapor probes on the western corner of the Site to evaluate if releases from the former leaking underground storage tank (LUST) sites west of the Site pose a vapor intrusion risk from volatile organic compounds (VOCs) to the Site.

Leighton prepared a Draft Technical Memorandum (Tech Memo) for Supplemental Site Investigation (Leighton Consulting, 2013c) that was submitted to the DTSC on June 5, 2013. In a letter, dated June 13, 2013, DTSC gave conditional approval to the Draft Tech Memo. The DTSC stated that the soil vapor sampling must conform to the DTSC Advisory for Active Soil Gas Investigations (2012).



4.0 ENVIRONMENTAL SETTING

4.1 Factors Related to Soil Pathways

Soil sampling conducted during the Phase I Addendum investigation identified fine-grained silty sands on Site. The majority of the soil on the Site was covered with pavement or mature grass turf, limiting the potential for physical contact with the soil or inhalation or ingestion of dust.

4.2 Factors Related to Water Pathways

4.2.1 Groundwater

Because the depth to groundwater near the Site is approximately 30 feet below ground surface (bgs), there appears to be the potential for vapor intrusion from the gas station LUST case adjacent to the Site across Pioneer Avenue. Site activities do not appear to have the potential to impact groundwater.

4.2.2 Surface Water

Surface water was not identified on Site.



5.0 CONCEPTUAL SITE MODEL

A conceptual site model (CSM) was developed to assess the chemical pathways and receptors (Figure 9). The potential receptors for this Site were assumed to be the students and staff who will occupy the Site. The exposure pathways for this assessment include soil ingestion, dermal exposure, and inhalation of particulates and vapors of impacted soils. Each of the potential soil COPCs (arsenic, OCPs, and VOCs) exhibit similar exposure routes. VOCs in soil gas have only an inhalation route of exposure through vapor intrusion into proposed Site buildings.



6.0 DATA GAPS

Data gaps were not identified for the Site. Refusal was not encountered during drilling on the Site. Each soil gas probe was installed to the appropriate depth interval. Restricted gas flow was not encountered during soil gas probe sampling.



7.0 SUMMARY OF SAMPLING ACTIVITIES

7.1 Sampling Objectives

The purpose of onsite soil and soil gas sampling was to evaluate to what extent, if any, the soils or subsurface soil gas at the Site are impacted by COPCs related to possible agricultural operations, the placement of undocumented fill, or migration of vapors from either of the adjacent former leaking underground storage tank (LUST) sites. This information was then used to evaluate the risk to students, staff, and visitors that will use the Site.

7.2 Sampling Strategy and Approach

7.2.1 Field Sampling Plan

The field sampling program was designed to investigate the chemicals of potential concern identified at the Site. The sampling plan consisted of collecting surface and near-surface soil samples from 18 grid locations across the Site and compositing the samples into groups of three or four. The composite samples were analyzed for OCPs. Each of the grid samples were also analyzed individually for arsenic. Stepout samples were also collected at distances of one and five feet northwest, northeast, and southeast of sample location ST-4 (Leighton, 2013c) to characterize the lateral extent of the arsenic impact identified during the Phase I Addendum investigation. Soil gas samples were also collected from four soil gas probes installed at two locations (SGP-1 and SGP-2) along the northwestern and southwestern boundaries of the Site. The sampling plan consisted of the following components discussed below.

7.2.2 Pre-Sampling Activities

Soil sampling activities were conducted under an Underground Service Alert (USA) utility clearance obtained by Leighton. Proposed sample locations were clearly marked with white paint and wooden stakes.



7.3 Sampling Locations and Rationale

7.3.1 Former Agricultural Use Soil Samples

During the Phase I ESA, the Site was identified as having been used for agriculture. Eighteen discrete soil sample locations (AG-1 through AG-18) were sampled at the surface (0 to 0.5 feet bgs) and near surface (2.0 to 2.5 feet bgs), composited into groups of three or four, and analyzed for OCPs by EPA Method 8081A (Figure 2, Table 2). The discrete samples were also analyzed for arsenic by EPA Method 6010B.

7.3.2 Soil Gas Samples

During the Phase I ESA, two adjacent properties to the northwest and southwest were found to be former LUST sites. As part of the SSI, four soil gas probes were installed at two locations (SGP-1 and SGP-2) along the northwestern and southwestern boundaries of the Site to evaluate for the migration of VOCs onto the Site (Figure 2). The soil gas probes were installed at depths of 5.0 and 15.0 feet bgs. Samples were collected and analyzed by an onsite mobile lab for VOCs by EPA Method 8260B. A schematic of the soil gas probe construction is included in Figure 8.

7.3.3 Field QA/QC Samples

Co-located field duplicate samples were collected at a minimum frequency of 10 percent of the primary samples. Co-located duplicate samples were collected from the former agricultural assessment area (AG-105 through AG-108 at 0.5 feet and 2.5 feet bgs) and the soil gas probes (SGP-102-15). The co-located duplicate samples were analyzed for the same analytes as their primary sample. The results were compared to the results of the primary samples through a relative percent difference calculation.

A purge test was performed on soil gas probe SGP-2-15. The purge test was performed by purging the soil gas probe of one, three, and ten purge volumes, sampling after each purge volume, and analyzing each sample for the compounds of interest. The purge test is designed to identify the purge volume that will produce the greatest concentration of the COPCs.



If no COPCs are detected in the purge test samples the default is a ten volume purge. A three-volume purge was chosen for this investigation.

Leak check testing was also performed during the sampling. The leak check was performed by allowing a quantity of a VOC not expected to be present in the soil gas to volatilize near the soil gas probe tubing during the sampling. A tracer gas mixture of n-propanol and n-pentane was placed near the soil gas probe tubing during the purging and sampling of each soil gas sample. The presence of n-propanol or n-pentane in a soil gas sample would indicate that the soil gas probe was improperly constructed or that the bentonite seal was not fully hydrated. Tracer gases were not identified in the soil gas samples.

Equipment blanks (200-1, 200-2, 200-3, and 300-1,) were collected from each piece of sampling equipment for each day of field sampling by pouring distilled water over the cleaned and rinsed soil sampler and collecting it in laboratory-supplied sample container(s). The samples were analyzed for arsenic and OCPs.

7.3.4 Groundwater Samples

Groundwater samples were not collected as part of this SSI investigation.

7.4 Sampling Methods and Procedures

7.4.1 Utility Clearance

Prior to collecting the soil samples, Underground Service Alert (USA) was contacted at least 48-hours prior to the initiation of sampling. Each of the proposed sample locations at the site were clearly marked with stakes or with white marking paint.

7.4.2 Soil Sampling

The soil samples were collected from each sample location as shown on Figures 2 through 7 using a direct push drill rig.

Each soil sample was collected in a new, clean acetate liner provided by the drilling contractor. Each sample liner was sealed at both ends with



Teflon™ sheeting and tight fitting plastic end caps. Samples were labeled with date, time, and sampling point identification, sealed in individual Ziploc bags, and stored in an ice-chilled cooler prior to delivery to the analytical laboratory.

7.4.3 Soil Gas Sampling

Soil gas probes were installed by the drilling contractor in accordance with the *Advisory – Active Soil Gas Investigations* (DTSC, RWQCB, 2012). At each soil gas probe location a soil boring was advanced to a depth of 15 feet bgs. A length of Teflon™ tubing tipped with an AirStone glass foam filter was lowered to a depth of 14.5 feet bgs. Clean sand was poured into the hole such that the AirStone and Teflon™ tubing was suspended in a column of sand one foot thick at the bottom of the borehole. A two-foot column of granular bentonite was then added above the sand pack. Additional intervals of bentonite were then added to the borehole and hydrated with potable water. Hydrated bentonite was added to the hole until a depth of five feet bgs was reached. Upon reaching five feet bgs another section of Teflon™ tubing tipped with an AirStone was inserted into the borehole to a depth of 4.5 feet. Sand was again poured into the hole suspending the tubing and filter assembly in a column of sand one foot thick. Dry bentonite was again poured into the hole on top of the sand pack and the process of hydrating additional lifts of granular bentonite was repeated until the boring was filled to the surface. The depths of each of the soil gas probes were labeled and the tubing of each probe was sealed with an air-tight valve.

Following installation, the soil gas probes were allowed to equilibrate for two hours.

Prior to sampling, a purge test was performed on soil gas probe SGP-2-15. The probes were first purged of one, three, and ten probe volumes. Samples were collected and analyzed after each purge. VOCs were not detected in the purge volume test so the default three-volume purge was used for the collection of the remaining samples.

Soil gas samples were collected from the probes in clean glass syringe with a Teflon plunger at a rate of approximately 200 milliliters per minute. A portion of the sample to be analyzed was then drawn from the sampling



syringe using a smaller syringe. Samples were analyzed onsite by the mobile laboratory.

A leak test tracer compound was used to evaluate whether the probes maintained their air-tight seals throughout the sampling. A small plastic bag containing a small gauze pad soaked with a mixture of n-propanol and n-pentane was placed near the probes at the ground surface. Concentrations of n-propanol or n-pentane in the soil gas samples would indicate a leak in the probe. No leaks were identified during the soil gas sampling.

Drilling and sampling was performed by experienced field personnel under the supervision of a California Professional Geologist. The DTSC project manager was notified of significant changes to the workplan.

Field sampling procedures called for preparation and submittal of the following types of QC samples: equipment blanks and field duplicates.

- Equipment blank – This sample was prepared in the field to evaluate if a sampling device (e.g., direct push sampler) was effectively cleaned. The sampling device was decontaminated by standard procedures described below. Deionized water was then poured through the device, transferred to the appropriate sample bottles, preserved, and returned to the laboratory for analysis. One equipment blank was collected at the Site per sampling day. The equipment blank was analyzed for constituents of potential concern. The equipment blanks were designated 200-1, 200-2, 200-3, and 300-1.
- Field duplicates – Two sets of samples (primary and duplicate) from a single source were prepared, labeled with unique sample numbers, and submitted to the laboratory without cross-referencing data and without identification as duplicates on the parameter request sheet. Field duplicates were designated with 100-series sample numbers.

7.4.4 Decontamination

The soil sampling equipment was decontaminated using the following procedures:



- Non-phosphate detergent and tap water scrub, using a brush if necessary
- Tap water rinse
- De-ionized/distilled water rinse
- Final de-ionized/distilled water rinse

7.4.5 Sample Packaging and Shipment

To identify and manage samples obtained in the field, a sample label was affixed to each sample container. The sample labels included the following information:

- Client (Leighton Consulting);
- Sample identification number (location number and depth);
- Project identification number;
- Analytical tests required; and,
- Date and time of collection.

Each sample was placed in an ice-chilled cooler for temporary storage. The following protocol was used for sample packaging:

- Sample container caps and lids were checked for tightness and sealed in individual Ziploc bags prior to placement into the cooler.
- The cooler was packed in such a way so as to minimize the potential for disturbance/breakage during shipping.
- Ice was placed in the cooler in leak-resistant containers.
- A self-adhesive custody seal was placed across the front closure of the cooler during transport.

Every effort was made to transport the samples to the analytical laboratory at the end of each sampling day. In the event that samples were not delivered to the laboratory the day of sample collection, the samples were delivered and stored overnight in a secured location (e.g., in the sample refrigerator at Leighton's office) under appropriate chain-of-custody procedures. The samples were picked up the next day by the laboratory, under appropriate chain-of-custody procedures.



7.4.6 Sample Documentation

A chain-of-custody form accompanied each set of samples to establish the required documentation necessary to trace sample possession. The chain-of-custody forms included the following information:

- Client (Leighton Consulting)
- Project identification number;
- Project name;
- Sample identification numbers (location numbers and depths);
- Dates and times of collection;
- Sample matrices;
- Sample preservatives;
- Sample container types;
- Number of containers;
- Analytical tests required;
- Name and signature of sample collector; and,
- Signature of persons involved in the chain of possession, and inclusive dates and times of possession.

The sampling personnel maintained copies of the chain-of-custody forms. The signed original chain-of-custody forms were returned by the laboratory, as part of the analytical report, and maintained as part of the project files once analyses were completed.

7.4.7 Daily Field Reports

Daily Field Reports (DFRs) document where, when, how, and from whom vital project information was obtained. DFR entries were complete and accurate enough to permit reconstruction of field activities. Each page was dated and the time of entry was noted. The entries were legible. Language was factual, objective, and free of personal opinions or other terminology, which might prove inappropriate. Where errors were made, corrections were made by crossing a line through the error and entering the correct information. No entries were obliterated or rendered unreadable.



The DFR includes, at a minimum, the following:

- Site/project name and address;
- Project identification number;
- Site contact name, company, address, and telephone number;
- Recorder's name, company, address, and telephone number;
- Team members/assistants names and responsibilities, and their company information if different from recorder's;
- Contractor's names and responsibilities, and their company information;
- Type of drilling, excavating, and sampling equipment used;
- Changes in site personnel and/or responsibilities;
- Time of site arrival/entry on site and time of site departure;
- Other personnel onsite, times and purposes of visits;
- Summaries of onsite meetings; and,
- Deviations from sampling plan and site safety plan.

At a minimum, the following information was recorded during the collection of each sample:

- Sample identification (location) number;
- Sample depth;
- Date and time of sample collection;
- Sample description; and
- Additional field observations (e.g., soil staining, odors, etc.).

7.5 Analyses Program

A summary of the Sampling and Analysis Program is provided in Table 1.

7.5.1 Lead-Based Paint and Termiticide Soil Samples

Soil samples were collected around the on-site structures and analyzed for lead from lead-based paint and organochlorine termiticides during the Phase I Addendum. A description of the sampling and analysis program is included in that report (Leighton Consulting, 2013b).



7.5.2 Former Agricultural Use Soil Samples

The former agricultural investigation consisted of 18 discrete samples from 18 locations on a 0.5-acre grid sampled at the surface (0 to 0.5 feet bgs) and near surface (2.0 to 2.5 feet bgs). These samples were analyzed for arsenic by EPA Method 6010B. The samples were composited into groups of three or four and analyzed for OCPs by EPA Method 8081A (Tables 1 and 2, Figure 2).

7.5.3 Arsenic Stepout Samples

The arsenic stepout soil samples consisted of 12 discrete samples from six locations surrounding location ST-4 originally sampled during the Phase I Addendum (Leighton, 2013b). Stepouts were collected one and five feet northwest, northeast and southeast of ST-4 at the surface (0 to 0.5 feet bgs) and near surface (2.0 to 2.5 feet bgs). The discrete surface and near-surface samples were analyzed for arsenic by EPA Method 6010B (Tables 1 and 2, Figure 9).

Stepout samples were also collected from agricultural investigation sample locations AG-4, AG-5, AG-7, AG-14, and AG-17. Stepout samples were collected at one and five feet to the northwest, northeast and south of locations AG-4, AG-5, AG-7, AG-14, and AG-17. At each stepout location samples were collected at the surface, near surface, and at depth (4.5 to 5.0 feet bgs). Stepdown samples were also collected from 5.0, 7.5, and 10.0 feet bgs at locations AG-4, AG-5, and AG-7 (Tables 1 and 2, Figures 3 through 5).

At location AG-14, elevated arsenic concentrations were identified at stepout location AG-14NE5 (Table 3, Figure 6). Additional stepout samples (AG14-SO1 through AG14-SO6) were collected at one and five feet north, east, and south of stepout sample location AG-14NE5 at the surface, near surface, and at depth (Tables 1 and 2, Figure 6).

At location AG-17, elevated arsenic concentrations were identified at stepout location AG-17NW5 (Tables 1 and 2, Figure 7). Additional stepout samples (AG17-SO1 through AG17-SO-6) were collected at one and five feet north, west, and south of stepout sample location AG-17NW5 at the surface.



7.5.4 Soil Gas Sampling

The soil gas assessment consisted of four discrete soil gas samples from two (SGP-1 and SGP-2) locations sampled at 5.0 and 15.0 feet bgs. The soil gas samples were analyzed by the onsite mobile lab for VOCs and fuel oxygenates by EPA Method 8260B (Tables 1 and 2, Figure 9).

7.5.5 Equipment Blank Sampling

Equipment blank samples 200-1 and 200-2 were collected and analyzed for OCPs by EPA Method 8081A, and arsenic and lead by EPA Method 6010B. Equipment blank sample 200-1a was collected and analyzed for OCPs by EPA Method 8081A, and arsenic by EPA Method 6010B. Equipment blank samples 200-3 and 300-1 were analyzed for arsenic and lead respectively by EPA Method 6010B. Each equipment blank was collected as part of the QA/QC program.

7.6 Sample Analyses

7.6.1 Analytical Test Methods

Soil and equipment blank analytical services were provided by EnviroChem, Inc. (EnviroChem) of Pomona, California. EnviroChem is accredited by the California Environmental Protection Agency, Department of Health Services, Environmental Laboratory Accreditation Program (ELAP) (Cert. No. 1555).

Soil gas analytical services were provided by Jones Environmental Laboratories, Inc. (Jones) of Fullerton, California. Jones is accredited by the California Environmental Protection Agency, Department of Health Services, Environmental Laboratory Accreditation Program (ELAP) (Cert No. 1779)

The analytical methods performed for this SSI are summarized in Table 1.



7.7 Analytical Results

7.7.1 Former Agricultural Use Soil Samples

Eighteen discrete soil samples from 18 locations were collected at the surface and near surface and analyzed for arsenic (Figure 2). Samples were composited into groups of three or four and analyzed for OCPs. Arsenic was reported in concentrations exceeding the method detection limit in each of the onsite samples analyzed with the exception of sample AG-14-2.5 (Table 3). The highest concentration of arsenic (17.1 mg/kg) measured in the former agricultural area was identified in sample AG-5-2.5. The concentration exceeds the residential CHHSL of 0.07 mg/kg and the southern California ambient background soil arsenic level established by the DTSC (DTSC, 2008).

OCPs were not reported at concentrations exceeding the method detection limits in the samples analyzed.

7.7.2 Arsenic Stepout Samples

Concentrations of arsenic exceeding the residential CHHSL of 0.07 mg/kg were detected in each of the stepout samples surrounding ST-4 (Table 3, Figure 8). The maximum concentration of arsenic detected in the stepout samples surrounding sample location ST-4 (9.82 mg/kg in ST-4SE1-2.5) was below the southern California ambient background arsenic concentration of 12 mg/kg (DTSC, 2008a).

During the agricultural investigation concentrations of arsenic exceeding the southern California ambient background arsenic concentration of 12 mg/kg (DTSC, 2008a) were identified at five locations (AG-4, AG-5, AG-7, AG-14, and AG-17) on the subject site. To further characterize the impacted locations, 85 stepout and step-down samples were collected from the vicinity of the identified arsenic impacts. Stepout samples were collected 1.0 and 5.0 feet northwest, northeast, and south of each impacted boring (Figures 3 through 7). Stepout samples were collected at depths of 0.5 and 2.5 feet bgs.

Concentrations of arsenic exceeding the southern California ambient background arsenic concentration of 12 mg/kg (DTSC, 2008a) were



identified in three locations (AG-4NW1-0.5, AG-4S1-2.5, and AG-4S5-2.5 – Figure 3) surrounding sample location AG-4 (Table 3).

Concentrations of arsenic exceeding the southern California ambient background arsenic concentration of 12 mg/kg (DTSC, 2008a) were identified in four locations (AG-5NW1-2.5, AG-5NE1-2.5, AG-5S1-2.5, and AG-5S5-2.5 – Figure 3) surrounding sample location AG-5 (Table 3).

Concentrations of arsenic exceeding the southern California ambient background arsenic concentration of 12 mg/kg (DTSC, 2008a) were identified in two locations (AG-7S1-0.5, and AG-7S5-2.5 – Figure 3) surrounding sample location AG-7 (Table 3).

Concentrations of arsenic exceeding the southern California ambient background arsenic concentration of 12 mg/kg (DTSC, 2008a) were identified in eight locations (AG-14NW1-0.5, AG-14NW5-0.5, AG-14NW5-2.5, AG-14NE1-0.5, AG-14NE5-0.5, AG-14NE5-2.5, AG-14S1-0.5, and AG-14S5-0.5 – Figure 3) surrounding sample location AG-14 (Table 3).

Concentrations of arsenic exceeding the southern California ambient background arsenic concentration of 12 mg/kg (DTSC, 2008a) were identified in three locations (AG-17NW1-0.5, AG-17NW5-0.5, and AG-17S1-0.5 – Figure 3) surrounding sample location AG-17 (Table 3).

The concentrations of arsenic identified in the stepout samples in the vicinity of locations AG-4, AG-5 and AG-7 exceed the California ambient background arsenic concentration of 12 mg/kg (DTSC, 2008a) by less than 5 mg/kg. The concentrations of arsenic identified in the stepout samples in the vicinity of locations AG-14 and AG-17 were significantly greater than those surrounding AG-4, AG-5, and AG-7 (Table 3).

Arsenic impacts at locations AG-4, AG-5, and AG-7 were further assessed using a 95% upper confidence level analysis and were found to be *de minimus* impacts not requiring further assessment or response.

To characterize the extent of the impacts at locations AG-14 and AG-17 an additional round of stepout sampling was performed around stepout sample locations AG-14NE5 and AG-17NW5 (Figures 6 and 7).



Eighteen samples were collected from six locations surrounding AG-14NE5 at 2.5 feet and 5.5 feet north, east, and south of AG-14NE5 at depths of 0.5, 2.5, and 5.0 feet bgs. Two samples (AG14-SO2-0.5 and AG14-SO3-0.5 – Table 3, Figure 6) contained concentrations of arsenic greater than the California ambient background arsenic concentration of 12 mg/kg (DTSC, 2008a).

Six samples were collected from six locations surrounding AG-17NW5 at 2.5 feet and 5.5 feet north, west, and south of AG-17NW5 at a depth of 0.5 feet bgs. Three samples (AG17-SO2-0.5, AG17-SO3-0.5 and AG17-SO5-0.5 – Table 3, Figure 7) contained concentrations of arsenic greater than the California ambient background arsenic concentration of 12 mg/kg (DTSC, 2008a).

A housekeeping excavation to remove soils containing elevated concentrations of arsenic was completed in the vicinity of sample locations AG-14 and AG-17. Approximately 8.5 cubic yards of soil was removed and disposed of at BDC Special Waste Services in Azusa, California. Confirmation samples CS-1-1.0 through CS-4-1.0 were collected from the bottom and western sidewall of the excavation surrounding sample location AG-17. Confirmation samples CS-5-3.0 and CS-6-1.0 were collected from the bottom of the excavation surrounding sample location AG-14. The housekeeping action is described in Appendix D - *Housekeeping Action Completion Report, Stadium Modernization Project on the Existing Pioneer High School Campus, Located at 10800 Benavon Street, Whittier, Los Angeles County, California.*

7.7.3 Soil Gas Samples

Four soil gas probes were installed at two locations and sampled to evaluate for potential impacts from two adjacent former LUST sites. VOCs were not reported at concentrations exceeding the laboratory method detection limits.

7.7.4 Equipment Blank Sampling

Two equipment blank samples (200-3 and 200-1a) were collected during the SSI investigation and analyzed for OCPs by EPA Method 8081A, and



lead and arsenic by EPA Methods 6010B and 7471A from the field equipment as part of the QA/QC program. The equipment blank sample did not contain concentrations of OCPs or arsenic.

7.8 Investigation Derived Waste

In the process of collecting environmental samples at the Pioneer High School Stadium Modernization site, the Leighton sampling team generated different types of potentially contaminated investigation-derived waste (IDW) including:

- Residual soil from soil sampling;
- Used personal protective equipment (PPE);
- Disposable sampling equipment; and
- Decontamination fluids.

Listed below are the procedures that were followed for handling the IDW. The procedures had enough flexibility to allow the site investigation team to use its professional judgment on the proper method for the disposal of each type of IDW generated at each sampling location:

- Decontamination fluids that were generated consisted of residual soils and water and were of sufficiently small quantity that they were disposed of on the Site.
- Used PPE and disposable equipment were bagged and placed in a municipal refuse dumpster. These wastes were not considered hazardous and were sent to a municipal landfill. PPE and disposable equipment that was to be disposed of which could still be reused was rendered inoperable before disposal in a dumpster.
- Residual soil cuttings were removed from the Site and disposed of by the drilling contractor.



7.9 Field Conditions

Sampling activities were conducted in sunny weather conditions. The temperatures during field activities in the vicinity of the site ranged between 80° and 95° Fahrenheit.

7.10 Field Variances

No field variances were identified during the SSI investigation



8.0 QUALITY ASSURANCE

8.1 Laboratory QA/QC

A QA/QC evaluation according to precision, accuracy, representativeness, completeness, and comparability (PARCC) parameters was performed relative to the project data quality objectives (DQOs). A PARCC validation report completed by Laboratory Data Consultants, Inc. has been included in Appendix C. The validation report was performed under EPA Level II guidelines. The results of the laboratory data validation for PARCC parameters were reported to be within the acceptable goals of the EPA guidelines. Of the 840 total analytes reported during the PEA, none of the sample results were rejected. The completeness was reported at 100 percent and met the DQO goal of 90 percent. In addition, of the 261 total analytes reported during the Phase I Addendum assessment, none of the results were rejected and completeness was reported at 100 percent (Appendix C).

Precision and Accuracy of Environmental Data

Environmental data quality depends on sample collection procedures, analytical methods and instrumentation, documentation, and sample matrix properties. Both sampling procedures and laboratory analyses contain potential sources of uncertainty, error, and/or bias, which affect the overall quality of a measurement. Errors in sample data may result from incomplete equipment decontamination, inappropriate sampling techniques, sample heterogeneity, improper filtering, and improper preservation. The accuracy of analytical results is dependent on selecting appropriate analytical methods, maintaining equipment properly, and complying with QC requirements. The sample matrix also is an important factor in the ability to obtain precise and accurate results within a given medium.

Environmental and laboratory QA/QC samples assess the effects of sampling procedures and evaluate laboratory contamination, laboratory performance, and matrix effects. QA/QC samples include: equipment rinsate blanks, field duplicates, method blanks, laboratory control samples (LCSs), surrogate spikes, matrix spike/matrix spike duplicates (MS/MSDs), and laboratory duplicates.

Once the data are reviewed and qualified, the data set is then evaluated using PARCC criteria. PARCC criteria provide an evaluation of overall data usability. The following is a discussion of PARCC criteria as related to the project DQOs.



Precision

Precision is a measure of the agreement or reproducibility of analytical results under a given set of conditions. It is a quantity that cannot be measured directly but is calculated from percent recovery data. Precision is expressed as the relative percent difference (RPD):

$$\text{RPD} = (D1-D2)/\{1/2(D1+D2)\} \times 100$$

Where D1 and D2 are the reported concentrations for sample and duplicate analyses, respectively. Precision is primarily assessed by calculating an RPD from the percent recoveries of the spiked compounds for each sample in the MS/MSD pair. In the absence of an MS/MSD pair, a laboratory duplicate or LCS/LCSD pair can be analyzed as an alternative means of assessing precision. In some cases, samples from multiple SDGs were within one QC batch and therefore are associated with the same laboratory QC samples. An additional measure of sampling precision was obtained by collecting and analyzing field duplicate samples, which were compared using the RPD result as the evaluation criteria (Table 6).

MS and MSD samples are field samples spiked by the laboratory with target analytes prior to preparation and analysis. These samples measure the overall efficiency of the analytical method in recovering target analytes from an environmental matrix. A LCS is similar to an MS/MSD sample in that the LCS is spiked with the same target analytes prior to preparation and analysis. However, the LCS is prepared using a controlled interference-free matrix instead of a field sample aliquot. Laboratory reagent water is used to prepare aqueous LCS. Non-aqueous LCSs are prepared using solid media approved by the American Society for Testing and Materials (ASTM) for their homogeneity. The LCS measures laboratory efficiency in recovering target analytes from either a solid or aqueous matrix in the absence of matrix interferences.

For inorganic analysis, one primary sample is analyzed and accompanied by an unspiked laboratory duplicate. The data reviewer compares the reported results of the primary analysis and the laboratory duplicate, and then calculates RPDs, which are used to assess laboratory precision.

An RPD outside the numerical QC limit in either MS/MSD samples or LCS/LCSD indicates imprecision. Imprecision is the variance in the consistency with which the



laboratory arrives at a particular reported result. Thus, the actual analyte concentration may be higher or lower than the reported result.

Possible causes of poor precision include sample matrix interference, improper sample collection or handling, inconsistent sample preparation, and poor instrument stability. In some duplicate pairs, results may be reported in either the primary or duplicate samples at levels below the reporting limit or non-detected. Since these values are considered to be estimates, RPD exceedances from these duplicate pairs do not suggest a significant impact on the data quality.

Accuracy

Accuracy is a measure of the agreement of an experimental determination and the true value of the parameter being measured. It is used to identify bias in a given measurement system. Recoveries outside acceptable QC limits may be caused by factors such as instrumentation, analyst error, or matrix interference. Accuracy is assessed through the analysis of MS, MSD, LCS, and samples containing surrogate spikes. In some cases, samples from multiple SDGs were within one QC batch and therefore are associated with the same laboratory QC samples. Surrogate spikes are either isotopically labeled compounds or compounds that are not typically detected in the samples. Surrogate spikes are added to every blank, environmental sample, MS/MSD, and standard. Accuracy of inorganic analyses is assessed using the percent recoveries of MS and LCS analyses.

Percent recovery (%R) is calculated using the following equation:

$$\%R = (A-B)/C \times 100$$

Where:

A = measured concentration in the spiked sample

B = measured concentration of the spike compound in the unspiked sample

C = concentration of the spike

The percent recovery of each analyte spiked in MS/MSD samples, LCS, and surrogate compounds added to environmental samples is evaluated with the acceptance criteria specified by the previously noted documents. Spike recoveries outside the acceptable QC accuracy limits provide an indication of



bias, where the reported data may overestimate or underestimate the actual concentration of compounds detected or quantification limits reported for environmental samples.

Representativeness

Representativeness is a qualitative parameter that expresses the degree to which the sample data are characteristic of a population. It is evaluated by reviewing the QC results of blank samples and holding times. Positive detects of compounds in the blank samples identify compounds that may have been introduced into the samples during sample collection, transport, preparation, or analysis. The QA/QC blanks collected and analyzed are method blanks.

A method blank is a laboratory grade water or solid matrix that contains the method reagents and has undergone the same preparation and analysis as the environmental samples. The method blank provides a measure of the combined contamination derived from the laboratory source water, glassware, instruments, reagents, and sample preparation steps. Method blanks are prepared for each sample of a similar matrix extracted by the same method at a similar concentration level.

Field QC

Equipment blanks consist of analyte-free water poured over or through the sample collection equipment. The water is collected in a sample container for laboratory analysis. These blanks are collected after the sampling equipment is decontaminated and measure efficiency of the decontamination procedure. Equipment blanks were collected and analyzed for each target analyte.

Field blanks consist of analyte-free source water stored at the sample collection site. The water is collected from each source used during each sampling event. Field blanks were not collected for this investigation.

Contaminants found in both the environmental sample and a blank sample are assumed to be laboratory artifacts if the concentration in the environmental sample is less than 10 times the blank value for common laboratory contaminants; methylene chloride, acetone, 2-butanone, and phthalate esters or 5 times the blank value for other laboratory contaminants.



Method Holding Times

Holding times are evaluated to assure that the sample integrity is intact for accurate sample preparation and analysis. Holding times are specific for each method and matrix analyzed. Holding time exceedances can cause loss of sample constituents due to biodegradation, precipitation, volatilization, and chemical degradation.

Comparability

Comparability is a qualitative expression of the confidence with which one data set may be compared to another. It provides an assessment of the equivalence of the analytical results to data obtained from other analyses. It is important that data sets be comparable if they are used in conjunction with other data sets. The factors affecting comparability include the following: sample collection and handling techniques, matrix type, and analytical method. If these aspects of sampling and analysis are carried out according to standard analytical procedures, the data are considered comparable. Comparability is also dependent upon other PARCC criteria, because only when precision, accuracy, and representativeness are known can data sets be compared with confidence.

Completeness

Completeness is defined as the percentage of acceptable sample results compared to the total number of sample results. Completeness is evaluated to assess if an acceptable amount of usable data were obtained so that a valid scientific site assessment can be completed. Completeness equals the total number of sample results for each fraction minus the total number of rejected sample results divided by the total number of sample results multiplied by 100. As specified in the project DQOs, the goal for completeness for target analytes in each analytical fraction is 90 percent.



Percent completeness is calculated using the following equation:

$$\%C = (T - R)/T \times 100$$

Where:

%C = percent completeness

T = total number of sample results

R = total number of rejected sample results

Completeness is also evaluated by comparing the planned number of samples per method and matrix with the number determined above.



9.0 HEALTH AND SAFETY

The SSI was conducted under the site specific health and safety plan submitted with the *Draft Technical Memorandum, Supplemental Site Investigation, Pioneer High School Athletic Complex Modernization, 10800 Ben Avon Street, Whittier, California*, dated June 4, 2013 (Leighton Consulting, 2013c).

Prior to the start of field activities at the Site, a tailgate health and safety meeting was held to identify potential safety hazards as well as familiarize on-site personnel with the health and safety plan, the location of important telephone numbers, and the location of the hospital route map. The plan acceptance form was signed by both Leighton and subcontractor personnel working on the Site.



10.0 RISK AND HAZARD ASSESSMENT

This section provides a summary of the human risk assessment for the site that followed the DTSC *SEAM Guidance Manual (2008a)*, *Use of California Human Health Screening Levels (CHHSLs) in the Evaluation of Contaminated Properties (OEHHA, 2005)*, and *Determination of a Southern California Regional Background Arsenic Concentration in Soil (2008b)*. The SEAM manual and assessment guidance document include a toxicity assessment for the COPCs, pathway assessment, a discussion of exposure point concentrations and risk characterizations for carcinogenic and non-carcinogenic compounds identified in the site soils. Ecological risk was not assessed as there were no sensitive species or habitat identified at the Site.

10.1 Methodology

10.1.1 Potential Receptors and Exposure Pathways

A conceptual site model was developed to assess the chemical pathways and receptors (Figure 9). The potential receptors for this site were assumed to be the students and staff who will occupy the site. The exposure pathways for this assessment include soil ingestion, dermal exposure, and inhalation of particulates from impacted soils.

10.1.2 Chemicals of Concern (COCs)

Arsenic

To evaluate if arsenic detected at the Site is a COC, a 95% upper confidence level (UCL) for arsenic concentrations was calculated for the Site following the housekeeping response excavations. The 95% UCL for arsenic at the site was calculated to be 9.54 mg/kg, this is below the DTSC recognized ambient background concentration of arsenic in southern California soils of 12 mg/kg (Table 3). Based on the fact that the Site arsenic concentration is below the ambient background concentrations, arsenic is not considered a COC.



Lead

To evaluate if lead detected at the Site is a COC the highest reported concentration of lead at the Site was compared to the CHHSL for residential soil use of 80 mg/kg (Table 3).

The highest concentrations of lead detected on the Site were 276 mg/kg in sample BS-7-0.5 and 123 mg/kg in sample BB-102-0.5. Three three-foot stepout samples were collected around each location. In both sets of stepout samples each lead concentrations was less than 80 mg/kg, therefore the lead impacts at these locations were considered *de minimus*. The remaining lead concentrations identified at the Site were below the residential CHHSL for lead of 80 mg/kg, lead is not considered a COPC.

OCPs

OCPs were not detected above the laboratory method detection limit (MDL) with the exception of 4,4'-DDE (maximum of 0.010 mg/kg) and 4,4'-DDT (maximum of 0.003 mg/kg) (Table 4) therefore 4,4'-DDE and 4,4'-DDT are not considered COCs.

VOCs

The VOC compounds were not detected above the laboratory MDL (Table 5).

10.1.3 Exposure Point Concentration (EPC)

The maximum detected values of the COPCs were used for the Exposure Point Concentration (EPC) for the human risk assessment.

10.1.4 Toxicity Values

California toxicity values published by the OEHHA were used for the human risk assessment when available. Integrated Risk Information System (IRIS) values were used when necessary (Tables 7 and 8).



10.1.5 Risk Characterization

Based on the SEAM, different models were used to characterize the risk for different detected compounds and suspected sources. Hazard Quotients for each COPC were summed to derive a Hazard Index (HI). The equation and hazard quotient for each COPC are listed in Tables 7 and 8. The total cancer risk for the COPCs was calculated considering individual risks due to ingestion, absorption, and inhalation.

10.2 Toxicity Assessment

10.2.1 Non-Cancer Toxicity Hazard Quotients

Soil

The non-carcinogenic toxicity hazards were calculated based on Oral Reference Dose data for arsenic. The toxicity hazards are based on the hazard quotient equation for soil in Figure 2.3 of the DTSC SEAM (DTSC, 2008a).

The hazard quotient equation is presented below:

$$Hazard_{soil} = \left(\frac{C_s}{RfD_o} \right) (1.28 \times 10^{-5}) + \left(\frac{C_s}{RfD_o} \right) (3.71 \times 10^{-5}) (ABS)$$

Where:

C_s = concentration in soil (mg/kg)

RfD_o = oral reference dose (mg/kg-day)

ABS = dermal absorption fraction (dimensionless)

Table 7 summarizes the maximum detected concentration for each OCP, compound, the Oral Reference Dose (RfD_o) values, the dermal absorption fraction (ABS) value, and the resulting hazard quotients for each COPC OCP compound. The soil hazard quotient calculation for the school site is presented in Table 7.

The hazard quotient equation for air is presented below:

$$Hazard_{air} = \left(\frac{C_a}{RfD_i} \right) (6.39 \times 10^{-1})$$



Where:

C_a = concentration in air (mg/m³)

RfD_i = inhalation reference dose (mg/kg-day)

Table 6 summarizes the maximum detected concentrations of arsenic and OCPs, the calculated air concentration, the Inhalation Reference Dose (RfD_i) values, and the resulting air hazard quotients for the listed compound.

The soil hazard index is 3.96E-03, which is below the threshold hazard index of 1.0. Since the soil hazard index for the school site is below 1.0, these COPCs do not appear to pose a potential health hazard to students and staff who will utilize the school facility.

10.2.2 Carcinogenic Risk

In order to evaluate if the detected levels of COPCs were of potential carcinogenic exposure concern, risk calculations for arsenic and OCPs were completed according to guidance provided in the SEAM (DTSC 2008).

Soil

The risk quotient equation for soil is presented below:

$$Risk_{soil} = (SF_o \times C_s)(1.57 \times 10^{-6}) + (SF_o \times C_x)(1.87 \times 10^{-5})(ABS)$$

Where:

C_s = concentration in soil (mg/kg)

SF_o = oral cancer slope factor (mg/kg-day)

ABS = dermal absorption fraction (dimensionless)

The risk quotient for air is presented below:

$$Risk_{air} = SF_i \times C_a \times 0.149$$

Where :

C_a = concentration in air (mg/m³)

SF_i = inhalation cancer slope factor (mg/kg-day)



Table 8 summarizes the maximum detected concentration for arsenic and each OCP compound, the Oral Cancer Slope Factor (SF_o) values, the Inhalation Cancer Slope Factor (SF_i), the dermal absorption fraction (ABS) value, and the resulting cancer risk quotients for arsenic and OCPs. The total cancer risk was based on the summation of three routes of exposure: ingestion, inhalation, and dermal contact. The soil cancer risk quotient calculation for the school site is presented in Table 8.

The soil cancer risk for the site is $6.15E-08$. Therefore, these COPCs do not appear to pose a risk to students and staff who will utilize the school facility (Table 8).

10.2.3 Uncertainty

The risk assessment methods used for this evaluation were based on assumptions that are intended to overestimate the risks to the receptors and to provide a conservative estimate of potential health effects. The exposure pathways were also evaluated based on the proposed plans for the Site.



11.0 CONCLUSIONS AND RECOMMENDATIONS

11.1 Conclusions

Based on the results of the SSI, Leighton concludes:

- The non-carcinogenic soil toxicity hazard index for soil was calculated for 4,4'-DDE, 4,4'-DDT, and lead using the highest concentrations found on site. Stepout sampling was conducted around the locations of lead impacts to evaluate lateral and vertical extent of the lead impacts. Concentrations of lead in excess of CHHSLs were not identified in the stepout sampling. Based on the stepout sampling results near these locations, the elevated levels of lead appear to be localized and *de minimus*. The soil hazard index for the entire site is 3.96E-03. This value is below the threshold hazard index of 1.0. Therefore, lead, 4,4'-DDE, and 4,4'-DDT do not appear to pose a potential hazard to future students and staff who will utilize the school facility.
- The carcinogenic risk for soil was calculated using the highest concentrations of 4,4'-DDE and 4,4'-DDT, found on site. The soil cancer risk for the entire site is 6.15E-08, this is below the carcinogenic risk threshold of 1E-06 (one in one million increased risk). The concentrations of 4,4'-DDE and 4,4'-DDT do not appear to pose a significantly increased health risk to Site occupants.
- The post-housekeeping response 95% upper confidence level for arsenic at the Site is 9.536 mg/kg which is below the DTSC recognized ambient background arsenic concentration for southern California soils of 12 mg/kg (DTSC, 2008b). The concentrations of arsenic do not appear to pose a significantly increased hazard or health risk to Site occupants.

11.2 Recommendations

Based on the results of this SSI and human health risk assessment, no further action is recommended.



12.0 PUBLIC PARTICIPATION

The WUHSD requests that this SSI be reviewed and approved by the DTSC in accordance with Option A of the DTSC. In order to fulfill the requirements of the California Education Code 17213.1 (a)(6)(A), the WUHSD performed the following:

- Announced that the PEA equivalent report was available for public review through postings in a general circulation newspaper. The notice included the date and time for the public hearing of the PEA equivalent.
- Made the PEA equivalent report and related DTSC comments available for public review and comment at a repository (i.e. public library, school district office, nearby school) for at least 30 days.
- Held a public hearing for the PEA equivalent.

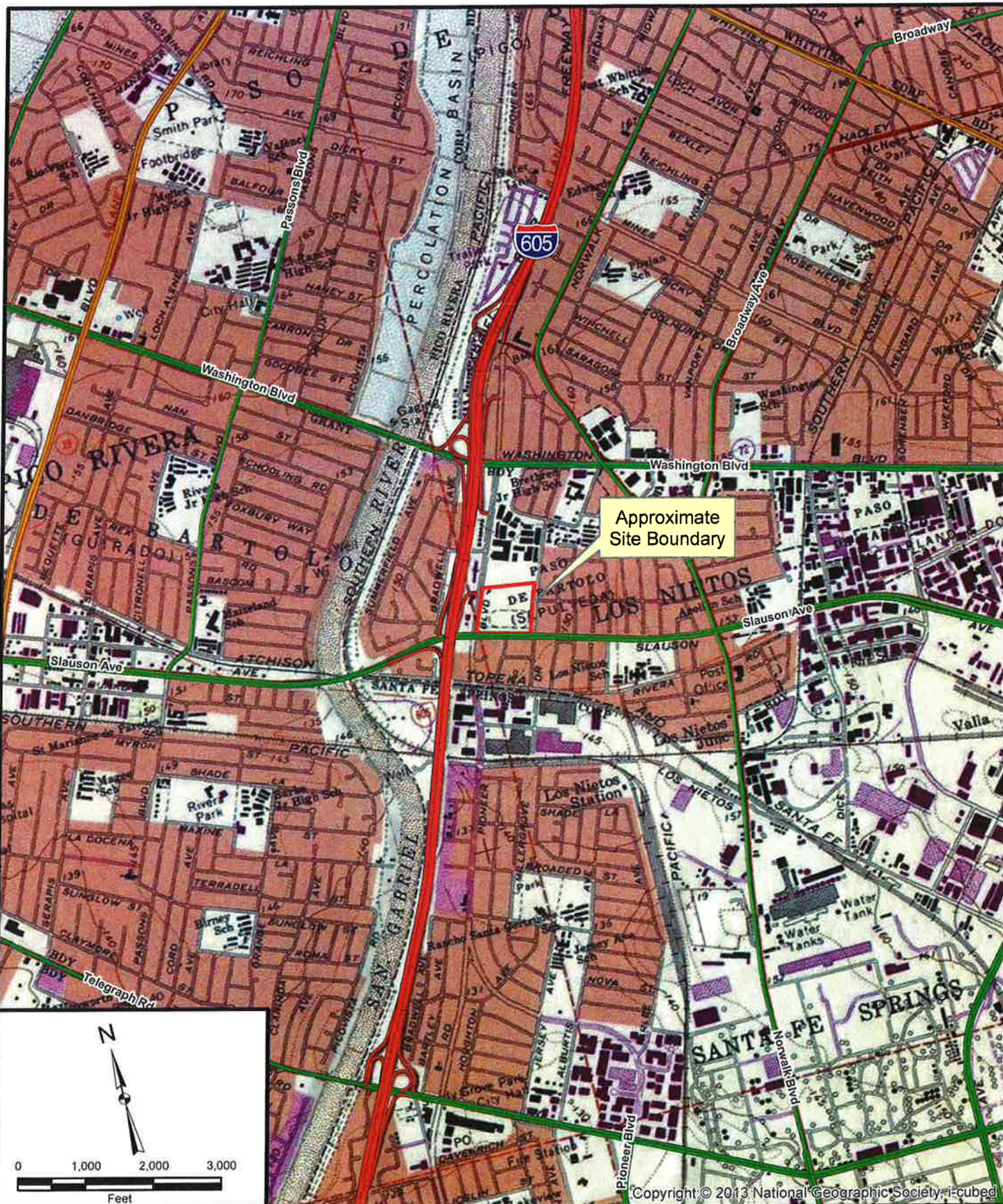
The WUHSD has sent a letter to DTSC indicating it has complied with the California Education Code. The correspondence included:

- the date the public comment period ended,
- the public hearing date, and
- if public comments were received.

At the same time the PEA equivalent report was available for public comment, DTSC reviewed the PEA equivalent report. The review is conducted to ensure a complete investigation was conducted and to evaluate if the site is safe for human health and the environment. The WUHSD has informed the DTSC that no public comments were received at the conclusion of the public comment period. The WUHSD will provide response to comments or deficiencies identified by the DTSC and submit this Final SSI Report.

Leighton, on behalf of the WUHSD, requests a no further action determination for this Site.





Project: 10084.002	Eng/Geol: RLO
Scale: 1" = 2,000'	Date: October, 2013

Base Map: ESRI Resource Center, 2010
 Thematic Info: Leighton
 Author: Geomatics (brtan)

SITE LOCATION MAP

Pioneer High School Stadium Modernization
 10800 Benavon Avenue
 Whittier, California

Figure 1

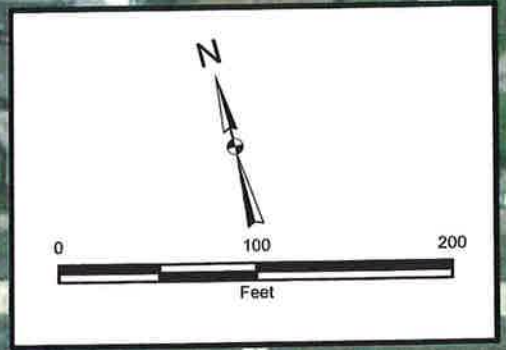


Leighton



LEGEND

- ⊕ Phase I Addendum Sample Location
- Agricultural Assessment Sample Locations (Arsenic and OCPs)
- ◐ Agricultural Assessment Sample Duplicate (Arsenic and OCPs)
- ◑ Stepouts Adjacent to ST-4 (Arsenic)
- ▲ Soil Gas Probe Location (VOCs)
- ▼ Soil Gas Probe Duplicate (VOC's)
- Composite Sample Groups



Project: 10084.002	Eng/Geol: RLO
Scale: 1" = 100'	Date: October, 2013
Base Map: Microsoft Bing 2012 Thematic Info: Leighton Author: Geomatics (btran)	

SITE PLAN
Pioneer High School Stadium Modernization
10800 Benavon Avenue, Whittier, California

Figure 2

Leighton

Map Saved as V:\Drafting\10084\002\GIS\of_2013-06-04\Figure-2 Site Plan.mxd on 10/9/2013 2:27:43 PM

AG-4NW5

AG-4NE5

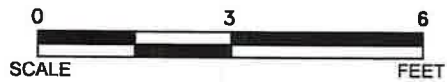
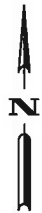
AG-4NW1

AG-4NE1

AG-4

AG-4S1

AG-4S5



LEGEND



INVESTIGATION SAMPLE LOCATION

Proj: 10084.002

Eng/Geol: RLO

Scale: 1"=3'

Date: 10/2013

STEPOUT SAMPLE PLAN (AG-4)

WUHSD Pioneer High School SSI
10800 Ben Avon Street
Whittier, California

FIGURE 3



Leighton

AG-5NW5

AG-5NE5

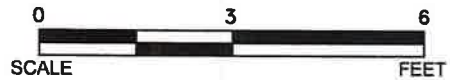
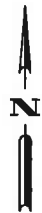
AG-5NW1

AG-5NE1

AG-5

AG-5S1

AG-5S5



LEGEND



INVESTIGATION SAMPLE LOCATION

Proj: 10084.002

Eng/Geol: RLO

Scale: 1"=3'

Date: 10/2013

STEPOUT SAMPLE PLAN (AG-5)

WUHSD Pioneer High School SSI
10800 Ben Avon Street
Whittier, California

FIGURE 4



Leighton

AG-7NW5

AG-7NE5

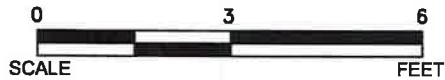
AG-7NW1

AG-7NE1

AG-7

AG-7S1

AG-7S5



LEGEND



INVESTIGATION SAMPLE LOCATION

Proj: 10084.002

Eng/Geol: RLO

Scale: 1"=3'

Date: 10/2013

Drafted By: BQT Checked By: BQT P:\DRAFTING\10084002\05_2013-08-07\FIGURE 5_3.DWG (28-09-13 3:12:31PM) Plotted by: bqt

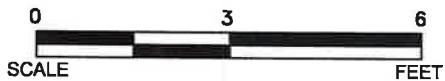
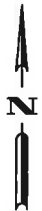
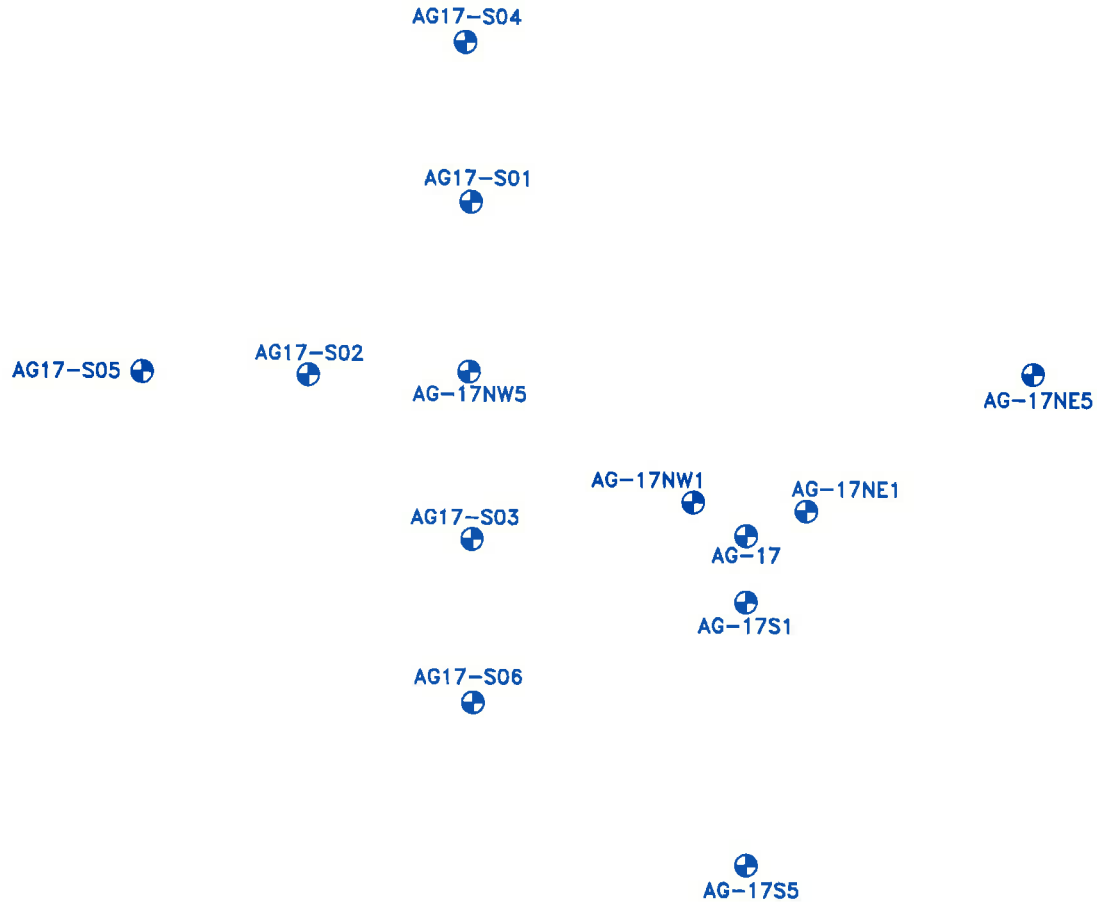
STEPOUT SAMPLE PLAN (AG-7)

WUHSD Pioneer High School SSI
10800 Ben Avon Street
Whittier, California

FIGURE 5



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LEGEND



AG-17 INVESTIGATION SAMPLE LOCATION

Proj: 10084.002

Eng/Geol: RLO

Scale: 1"=3'

Date: 10/2013

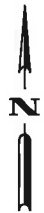
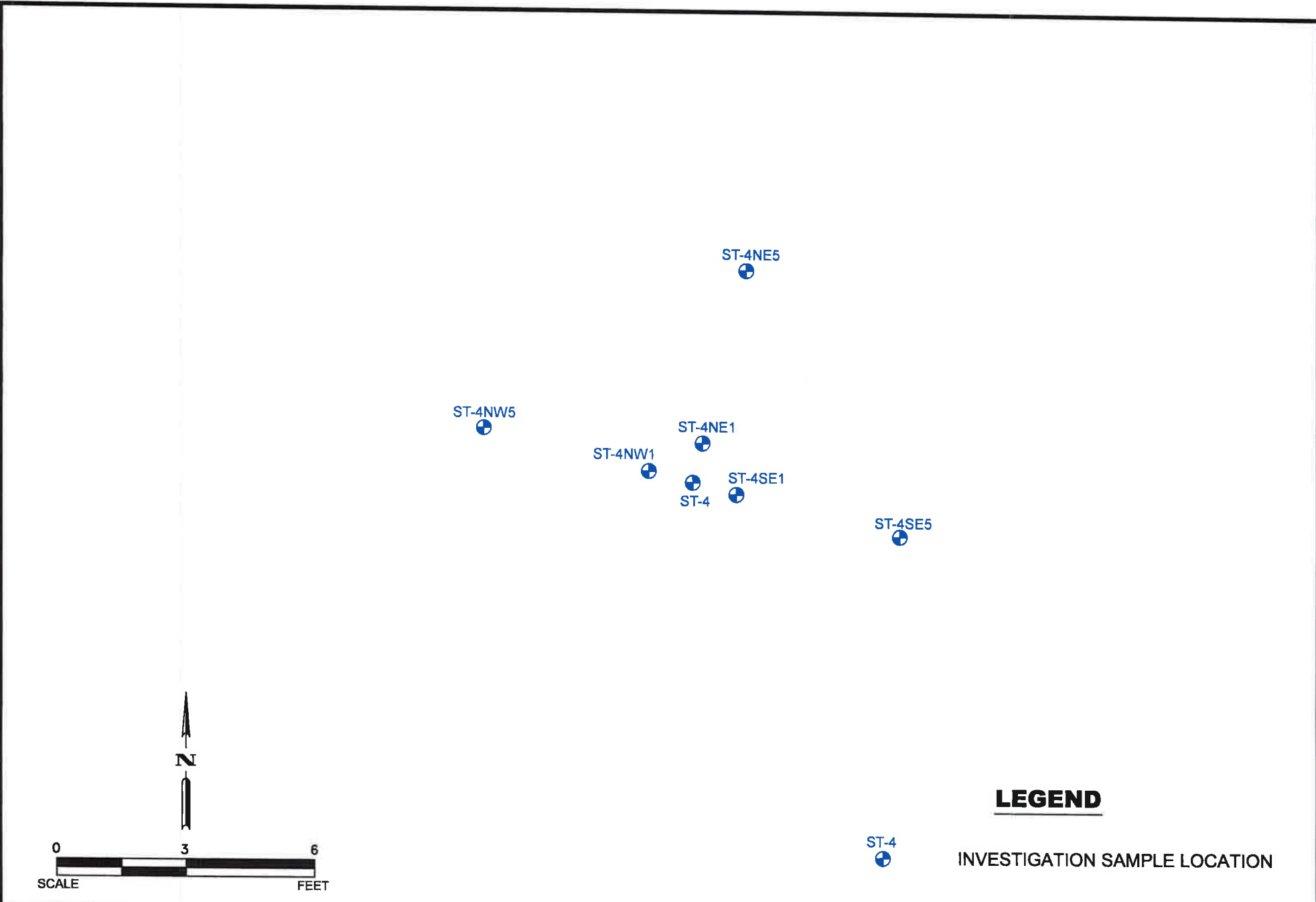
STEPOUT SAMPLE PLAN (AG-17)

WUHSD Pioneer High School SSI
10800 Ben Avon Street
Whittier, California

FIGURE 7



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LEGEND



INVESTIGATION SAMPLE LOCATION

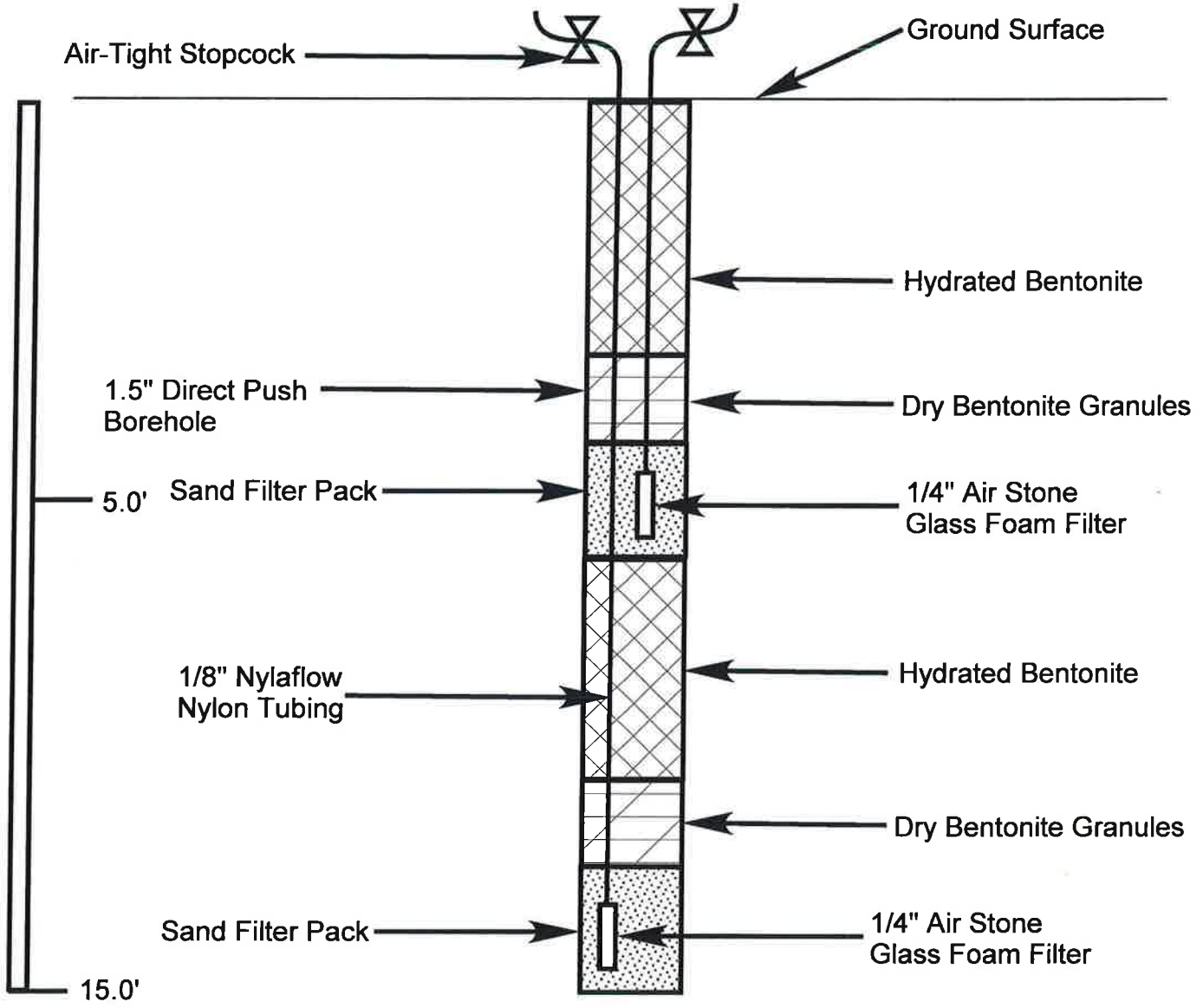
Proj: 10084.002	Eng/Geol: RLO
Scale: 1"=3'	Date: 10/2013

STEPOUT SAMPLE PLAN (ST-4)
 WUHSD Pioneer High School SSI
 10800 Ben Avon Street
 Whittier, California

FIGURE 8

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Drafted By: BQT Checked By: BQT P:\10\10084\10084_02\10084_02\FIGURES_3-3.DWG (08-09-13 3:13:51PM) Plotted by: bqr



Not To Scale

Proj: 10084.003	Eng/Geol: RLO
Scale: NTS	Date: October 2013
Drafted By: ZAF	Checked By: ZAF

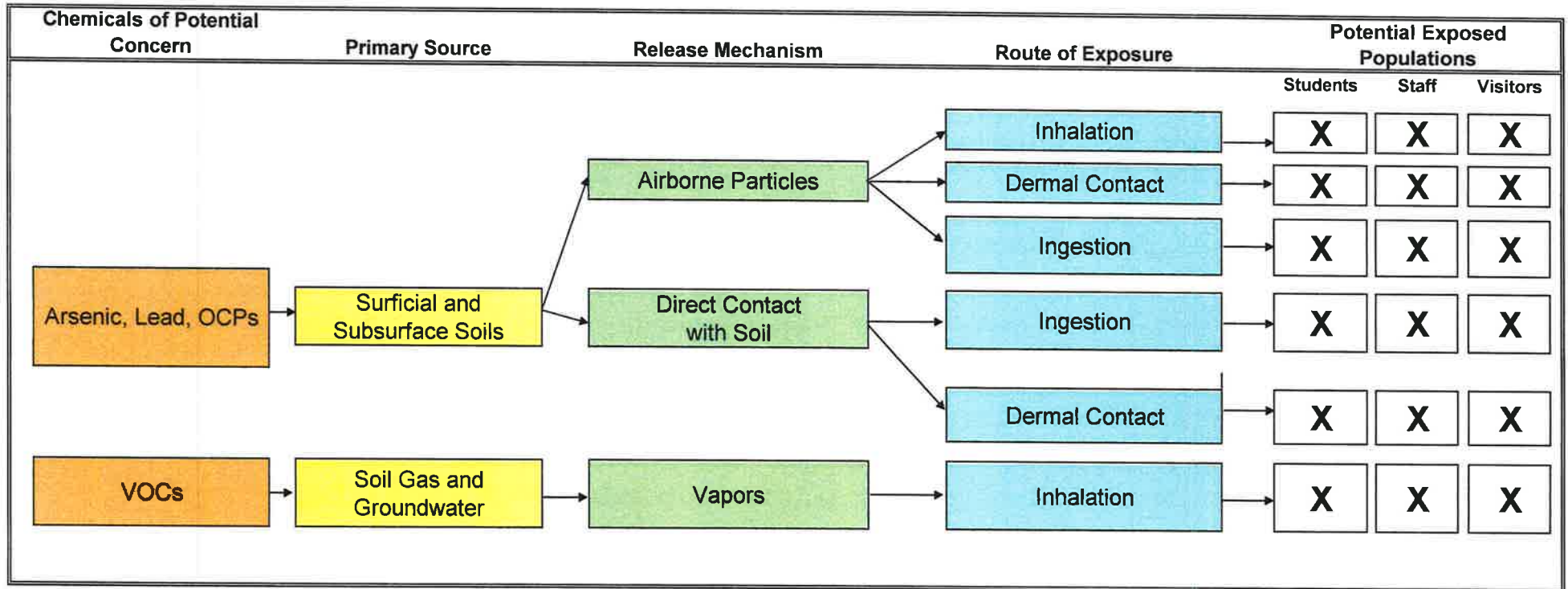
SOIL GAS PROBE SCHEMATIC
 Pioneer High School Stadium Modernization
 10800 Benavon Avenue
 Whittier, California

FIGURE 9



FIGURE 10
CONCEPTUAL SITE MODEL
 WUHS Pioneer HS
 10800 Benavon Street
 Whittier, California

602056-004



Notes:
 OCPs - Organochlorine Pesticides
 VOCs - Volatile Organic Compounds



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FIGURE 10

Table 1
SUMMARY OF SAMPLING AND ANALYSES PROGRAM
 WUHSD Pioneer High School
 10800 Benavon Avenue
 Whittier, California

Sample Location/ Number	General Parameters	Test Method of Analyses	Container	Preservative	Holding Time
<p>Arsenical Pesticides Soil samples were collected from up to 61 sample locations across the subject property. Samples were collected at depths of 0 to 0.5 feet, 2.0 to 2.5 feet, and 4.5 to 5.0 feet bgs and analyzed for arsenic.</p> <p>(See Figure 2 for sample locations and parameters.)</p>	Arsenic	EPA 6010B	4 oz glass jar or acetate sleeve	4 °C	180 days
<p>Organochlorine Pesticides Soil samples were collected at depths of 0 to 0.5 feet and 2.0 to 2.5 feet from 18 locations across the subject property, composited into groups of three or four, and analyzed for OCPs.</p> <p>(See Figure 2 for sample locations and parameters)</p>	OCPs	EPA 8081A	4 oz glass jar or acetate sleeve	4 °C	14 days to extraction, 40 days to analysis
<p>Volatile Organic Compounds Soil gas samples were collected at depths of 5 and 15 feet from two locations on the west corner of the subject property. The samples were analyzed for VOCs using a mobile laboratory.</p>	VOCs	EPA 8260B	Glass Syringe	N/A	Mobile Laboratory

Table 1
SUMMARY OF SAMPLING AND ANALYSES PROGRAM
 WUHSD Pioneer High School
 10800 Benavon Avenue
 Whittier, California

QA/QC SAMPLES					
Sample Description	General Parameters	Test Method of Analyses	Container	Preservative	Holding Time
<p>Field duplicates were collected at the following sample locations AG-105 through AG-108, AG-114, BB-102, BB-105, BS-105, HB-102, and SG-102. Duplicates were analyzed for the same analytes as the primary samples. Duplicates are designated as 1xx.</p> <p>(See Table 2 for the number of samples and parameters to be tested)</p>	Arsenic	EPA 6010B	4 oz glass jar or acetate sleeve	4 °C	180 days
	OCPs	EPA 8081A		4 °C	14 days to extraction, 40 days to analysis
	VOCs	EPA 8260B	Glass Syringe	N/A	Mobile Lab
<p>A Field equipment blank was collected following each day of sampling. Equipment blanks are collected by pouring distilled water over the decontaminated sampling equipment and collecting the rinsate in an appropriate laboratory supplied container. The field equipment blank was analyzed for the same analytes as the soil samples. The equipment blanks were designated as 200-1, 200-1a, 200-2, 200-3, and 300-1</p> <p>(See Table 2 for the number of samples and parameters to be tested)</p>	Arsenic	EPA 6010B	500 ml poly	HNO ₃	180 days
	OCPs	EPA 8081A	1L amber glass jar	4 °C	14 days to extraction, 40 days to analysis

Sample List
 WUHSD Pioneer High School
 10800 BenAvon Street
 Whittier, California

Sample Description	Sample Number	OCP Composite Samples	Depth (ft)	Arsenic (6010B)	Lead (6010B)	OCPs (8081A)
Agricultural Investigation	AG-1-0.5	C-1-0.5	0.0 - 0.5	X	-	X
	AG-2-0.5		0.0 - 0.5	X	-	X
	AG-3-0.5		0.0 - 0.5	X	-	X
	AG-4-0.5		0.0 - 0.5	X	-	X
	AG-5-0.5	C-2-0.5	0.0 - 0.5	X	-	X
	AG-6-0.5		0.0 - 0.5	X	-	X
	AG-7-0.5		0.0 - 0.5	X	-	X
	AG-8-0.5	C-3-0.5	0.0 - 0.5	X	-	X
	AG-9-0.5		0.0 - 0.5	X	-	X
	AG-10-0.5		0.0 - 0.5	X	-	X
	AG-11-0.5		0.0 - 0.5	X	-	X
	AG-12-0.5	C-4-0.5	0.0 - 0.5	X	-	X
	AG-13-0.5		0.0 - 0.5	X	-	X
	AG-14-0.5		0.0 - 0.5	X	-	X
	AG-15-0.5	C-5-0.5	0.0 - 0.5	X	-	X
	AG-16-0.5		0.0 - 0.5	X	-	X
	AG-17-0.5		0.0 - 0.5	X	-	X
	AG-18-0.5		0.0 - 0.5	X	-	X
	AG-1-2.5	C-1-2.5	2.0 - 2.5	X	-	X
	AG-2-2.5		2.0 - 2.5	X	-	X
	AG-3-2.5		2.0 - 2.5	X	-	X
	AG-4-2.5		2.0 - 2.5	X	-	X
	AG-5-2.5	C-2-2.5	2.0 - 2.5	X	-	X
	AG-6-2.5		2.0 - 2.5	X	-	X
	AG-7-2.5		2.0 - 2.5	X	-	X
	AG-8-2.5		2.0 - 2.5	X	-	X
	AG-9-2.5	C-3-2.5	2.0 - 2.5	X	-	X
	AG-10-2.5		2.0 - 2.5	X	-	X
	AG-11-2.5		2.0 - 2.5	X	-	X
	AG-12-2.5		2.0 - 2.5	X	-	X
	AG-13-2.5	C-4-2.5	2.0 - 2.5	X	-	X
	AG-14-2.5		2.0 - 2.5	X	-	X
	AG-15-2.5		2.0 - 2.5	X	-	X
	AG-16-2.5	C-5-2.5	2.0 - 2.5	X	-	X
	AG-17-2.5		2.0 - 2.5	X	-	X
	AG-18-2.5		2.0 - 2.5	X	-	X

Sample List

WUHSD Pioneer High School
10800 BenAvon Street
Whittier, California

Sample Description	Sample Number	OCP Composite Samples	Depth (ft)	Arsenic (6010B)	Lead (6010B)	OCPs (8081A)
Agricultural Investigation Step-out and Step-down Samples	AG-4-5.0	N/A	4.5 - 5.0	X	-	-
	AG-4-7.5	N/A	6.5 - 7.0	Hold	-	-
	AG-4-10	N/A	9.5 - 10.0	Hold	-	-
	AG-4NW1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-4NW1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-4NW1-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG-4NW4-0.5	N/A	0.0 - 0.5	X	-	-
	AG-4NW4-2.5	N/A	2.0 - 2.5	X	-	-
	AG-4NW4-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG-4NE1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-4NE1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-4NE1-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG-4NE5-0.5	N/A	0.0 - 0.5	Hold	-	-
	AG-4NE5-2.5	N/A	2.0 - 2.5	Hold	-	-
	AG-4NE5-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG-4S1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-4S1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-4S1-5.0	N/A	4.5 - 5.0	X	-	-
	AG-4S5-0.5	N/A	0.0 - 0.5	X	-	-
	AG-4S5-2.5	N/A	2.0 - 2.5	X	-	-
	AG-4S5-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG-5-5.0	N/A	4.5 - 5.0	X	-	-
	AG-5-7.5	N/A	7.0 - 7.5	Hold	-	-
	AG-5-10	N/A	9.5 - 10.0	Hold	-	-
	AG-5NW1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-5NW1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-5NW1-5.0	N/A	4.5 - 5.0	X	-	-
	AG-5NW5-0.5	N/A	0.0 - 0.5	X	-	-
	AG-5NW5-2.5	N/A	2.0 - 2.5	X	-	-
	AG-5NW5-5.0	N/A	4.5 - 5.0	X	-	-
	AG-5NE1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-5NE1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-5NE1-5.0	N/A	4.5 - 5.0	X	-	-
	AG-5NE5-0.5	N/A	0.0 - 0.5	X	-	-
	AG-5NE5-2.5	N/A	2.0 - 2.5	X	-	-
	AG-5NE5-5.0	N/A	4.5 - 5.0	X	-	-

Sample List
 WUHSD Pioneer High School
 10800 BenAvon Street
 Whittier, California

Sample Description	Sample Number	OCP Composite Samples	Depth (ft)	Arsenic (6010B)	Lead (6010B)	OCPs (8081A)
Agricultural Investigation Step-out and Step-down Samples	AG-5S1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-5S1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-5S1-5.0	N/A	4.5 - 5.0	X	-	-
	AG-5S5-0.5	N/A	0.0 - 0.5	X	-	-
	AG-5S5-2.5	N/A	2.0 - 2.5	X	-	-
	AG-5S5-5.0	N/A	4.5 - 5.0	X	-	-
	AG-7-5.0	N/A	4.5 - 5.0	X	-	-
	AG-7-7.5	N/A	7.0 - 7.5	Hold	-	-
	AG-7-10	N/A	9.5 - 10.0	Hold	-	-
	AG-7NW1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-7NW1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-7NW1-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG-7NW5-0.5	N/A	0.0 - 0.5	Hold	-	-
	AG-7NW5-2.5	N/A	2.0 - 2.5	Hold	-	-
	AG-7NW5-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG-7NE1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-7NE1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-7NE1-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG-7NE5-0.5	N/A	0.0 - 0.5	Hold	-	-
	AG-7NE5-2.5	N/A	2.0 - 2.5	Hold	-	-
	AG-7NE5-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG-7S1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-7S1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-7S1-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG-7S5-0.5	N/A	0.0 - 0.5	X	-	-
	AG-7S5-2.5	N/A	2.0 - 2.5	X	-	-
	AG-7S5-5.0	N/A	4.5 - 5.0	X	-	-
	AG-14NW1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-14NW1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-14NW5-0.5	N/A	0.0 - 0.5	X	-	-
	AG-14NW5-2.5	N/A	2.0 - 2.5	X	-	-
	AG-14NE1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-14NE1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-14NE5-0.5	N/A	0.0 - 0.5	X	-	-
	AG-14NE5-2.5	N/A	2.0 - 2.5	X	-	-
	AG-14S1-0.5	N/A	0.0 - 0.5	X	-	-

Sample List
 WUHSD Pioneer High School
 10800 BenAvon Street
 Whittier, California

Sample Description	Sample Number	OCP Composite Samples	Depth (ft)	Arsenic (6010B)	Lead (6010B)	OCPs (8081A)
Agricultural Investigation Step-out and Step-down Samples	AG-14S1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-14S5-0.5	N/A	0.0 - 0.5	X	-	-
	AG-14S5-2.5	N/A	2.0 - 2.5	X	-	-
	AG14-SO1-0.5	N/A	0.0 - 0.5	X	-	-
	AG14-SO1-2.5	N/A	2.0 - 2.5	X	-	-
	AG14-SO1-5.0	N/A	4.5 - 5.0	X	-	-
	AG14-SO2-0.5	N/A	0.0 - 0.5	X	-	-
	AG14-SO2-2.5	N/A	2.0 - 2.5	X	-	-
	AG14-SO2-5.0	N/A	4.5 - 5.0	X	-	-
	AG14-SO3-0.5	N/A	0.0 - 0.5	X	-	-
	AG14-SO3-2.5	N/A	2.0 - 2.5	X	-	-
	AG14-SO3-5.0	N/A	4.5 - 5.0	X	-	-
	AG14-SO4-0.5	N/A	0.0 - 0.5	Hold	-	-
	AG14-SO4-2.5	N/A	2.0 - 2.5	Hold	-	-
	AG14-SO4-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG14-SO5-0.5	N/A	0.0 - 0.5	X	-	-
	AG14-SO5-2.5	N/A	2.0 - 2.5	Hold	-	-
	AG14-SO5-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG14-SO6-0.5	N/A	0.0 - 0.5	Hold	-	-
	AG14-SO6-2.5	N/A	2.0 - 2.5	Hold	-	-
	AG14-SO6-5.0	N/A	4.5 - 5.0	Hold	-	-
	AG-17NW1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-17NW1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-17NW5-0.5	N/A	0.0 - 0.5	X	-	-
	AG-17NW5-2.5	N/A	2.0 - 2.5	X	-	-
	AG-17NE1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-17NE1-2.5	N/A	2.0 - 2.5	Hold	-	-
	AG-17NE5-0.5	N/A	0.0 - 0.5	Hold	-	-
	AG-17NE5-2.5	N/A	2.0 - 2.5	Hold	-	-
	AG-17S1-0.5	N/A	0.0 - 0.5	X	-	-
	AG-17S1-2.5	N/A	2.0 - 2.5	X	-	-
	AG-17S5-0.5	N/A	0.0 - 0.5	X	-	-
	AG-17S5-2.5	N/A	2.0 - 2.5	X	-	-
	AG17-SO1-0.5	N/A	0.0 - 0.5	X	-	-
AG17-SO2-0.5	N/A	0.0 - 0.5	X	-	-	
AG17-SO3-0.5	N/A	0.0 - 0.5	X	-	-	

Sample List
 WUHSD Pioneer High School
 10800 BenAvon Street
 Whittier, California

Sample Description	Sample Number	OCP Composite Samples	Depth (ft)	Arsenic (6010B)	Lead (6010B)	OCPs (8081A)
	AG17-SO4-0.5	N/A	0.0 - 0.5	X	-	-
	AG17-SO5-0.5	N/A	0.0 - 0.5	X	-	-
	AG17-SO6-0.5	N/A	0.0 - 0.5	X	-	-
Phase I Addendum Samples	ST-1-0.5	N/A	0.0 - 0.5	X	X	-
	ST-1-2.5	N/A	2.0 - 2.5	X	Hold	-
	ST-2-0.5	N/A	0.0 - 0.5	-	X	-
	ST-2-2.5	N/A	2.0 - 2.5	-	Hold	-
	ST-3-0.5	N/A	0.0 - 0.5	X	X	-
	ST-3-2.5	N/A	2.0 - 2.5	X	Hold	-
	ST-4-0.5	N/A	0.0 - 0.5	X	X	-
	ST-4-2.5	N/A	2.0 - 2.5	X	Hold	-
	ST-4NW1-0.5	N/A	0.0 - 0.5	X	-	-
	ST-4NW1-2.5	N/A	2.0 - 2.5	X	-	-
	ST-4NE1-0.5	N/A	0.0 - 0.5	X	-	-
	ST-4NE1-2.5	N/A	2.0 - 2.5	X	-	-
	ST-4SE1-0.5	N/A	0.0 - 0.5	X	-	-
	ST-4SE1-2.5	N/A	2.0 - 2.5	X	-	-
	ST-4NW5-0.5	N/A	0.0 - 0.5	Hold	-	-
	ST-4NW5-2.5	N/A	2.0 - 2.5	Hold	-	-
	ST-4NE5-0.5	N/A	0.0 - 0.5	Hold	-	-
	ST-4NE5-2.5	N/A	2.0 - 2.5	Hold	-	-
	ST-4SE5-0.5	N/A	0.0 - 0.5	Hold	-	-
	ST-4SE5-2.5	N/A	2.0 - 2.5	Hold	-	-
	ST-5-0.5	N/A	0.0 - 0.5	-	X	-
	ST-5-2.5	N/A	2.0 - 2.5	-	Hold	-
	ST-6-0.5	N/A	0.0 - 0.5	-	X	-
	ST-6-2.5	N/A	2.0 - 2.5	-	Hold	-
	HB-1-0.5	N/A	0.0 - 0.5	-	X	-
	HB-1-2.5	N/A	2.0 - 2.5	-	Hold	-
	HB-2-0.5	N/A	0.0 - 0.5	-	X	-
	HB-2-2.5	N/A	2.0 - 2.5	-	Hold	-
	BB-1-0.5	N/A	0.0 - 0.5	X	X	-
	BB-1-2.5	N/A	2.0 - 2.5	X	Hold	-
	BB-2-0.5	N/A	0.0 - 0.5	-	X	-
	BB-2-2.5	N/A	2.0 - 2.5	-	Hold	-
BB-2-4.0	N/A	3.5 - 4.0	-	X	-	

Sample List
WUHSD Pioneer High School
10800 BenAvon Street
Whittier, California

Sample Description	Sample Number	OCP Composite Samples	Depth (ft)	Arsenic (6010B)	Lead (6010B)	OCPs (8081A)
Phase I Addendum Samples	BB-2NW-0.5	N/A	0.0 - 0.5	-	X	-
	BB-2NW-2.5	N/A	2.0 - 2.5	-	X	-
	BB-2SW-0.5	N/A	0.0 - 0.5	-	X	-
	BB-2SW-2.5	N/A	2.0 - 2.5	-	X	-
	BB-2SE-0.5	N/A	0.0 - 0.5	-	X	-
	BB-2SE-2.5	N/A	2.0 - 2.5	-	X	-
	BB-3-0.5	N/A	0.0 - 0.5	-	X	-
	BB-3-2.5	N/A	2.0 - 2.5	-	Hold	-
	BS-1-0.5	N/A	0.0 - 0.5	X	X	-
	BS-1-2.5	N/A	2.0 - 2.5	X	Hold	-
	BS-2-0.5	N/A	0.0 - 0.5	-	X	-
	BS-2-2.5	N/A	2.0 - 2.5	-	Hold	-
	BS-3-0.5	N/A	0.0 - 0.5	-	X	-
	BS-3-2.5	N/A	2.0 - 2.5	-	Hold	-
	BS-4-0.5	N/A	0.0 - 0.5	-	X	-
	BS-4-2.5	N/A	2.0 - 2.5	-	Hold	-
	BS-5-0.5	N/A	0.0 - 0.5	-	X	-
	BS-5-2.5	N/A	2.0 - 2.5	-	X	-
	BS-6-0.5	N/A	0.0 - 0.5	-	X	-
	BS-6-2.5	N/A	2.0 - 2.5	-	Hold	-
	BS-7-0.5	N/A	0.0 - 0.5	-	X	-
	BS-7-2.5	N/A	2.0 - 2.5	-	Hold	-
	BS-7-4.0	N/A	3.5 - 4.0	-	X	-
	BS-7NE-0.5	N/A	0.0 - 0.5	-	X	-
	BS-7NE-2.5	N/A	2.0 - 2.5	-	X	-
	BS-7SE-0.5	N/A	0.0 - 0.5	-	X	-
	BS-7SE-2.5	N/A	2.0 - 2.5	-	X	-
	BS-7SW-0.5	N/A	0.0 - 0.5	-	X	-
	BS-7SW-2.5	N/A	2.0 - 2.5	-	X	-
	BS-8-0.5	N/A	0.0 - 0.5	-	X	-
	BS-8-2.5	N/A	2.0 - 2.5	-	Hold	-
	BS-9-0.5	N/A	0.0 - 0.5	-	X	-
	BS-9-2.5	N/A	2.0 - 2.5	-	Hold	-
BS-10-0.5	N/A	0.0 - 0.5	-	X	-	
BS-10-2.5	N/A	2.0 - 2.5	-	Hold	-	
BS-11-0.5	N/A	0.0 - 0.5	-	X	-	

Sample List

WUHSD Pioneer High School
10800 BenAvon Street
Whittier, California

Sample Description	Sample Number	OCP Composite Samples	Depth (ft)	Arsenic (6010B)	Lead (6010B)	OCPs (8081A)	
	BS-11-2.5	N/A	2.0 - 2.5	-	Hold	-	
	BS-12-0.5	N/A	0.0 - 0.5	-	X	-	
	BS-12-2.5	N/A	2.0 - 2.5	-	Hold	-	
QA/QC Field Duplicate Samples	BB-102-0.5	N/A	0.0 - 0.5	-	X	-	
	BB-105-0.5	N/A	0.0 - 0.5	-	X	-	
	BS-105-0.5	N/A	0.0 - 0.5	-	X	-	
	HB-102-0.5	N/A	0.0 - 0.5	-	X	-	
	ST-104-0.5	N/A	0.0 - 0.5	X	Hold	-	
	ST-104-2.5	N/A	2.0 - 2.5	X	-	-	
	AG-104-5.0	N/A	4.5 - 5.0	X	-	-	
	AG-104NE1-0.5	N/A	0.0 - 0.5	X	-	-	
	AG-104NE1-2.5	N/A	2.0 - 2.5	X	-	-	
	AG-104S5-2.5	N/A	2.0 - 2.5	X	-	-	
	AG105-0.5	N/A	0.0 - 0.5	X	-	-	
	AG-105-2.5	N/A	2.0 - 2.5	X	-	-	
	AG-105S5-0.5	N/A	0.0 - 0.5	X	-	-	
	AG-105S5-2.5	N/A	2.0 - 2.5	X	-	-	
	AG-106-0.5	N/A	0.0 - 0.5	X	-	X	
	AG-106-0.5	N/A	0.0 - 0.5	X	-	X	
	AG-107-0.5	N/A	0.0 - 0.5	X	-	X	
	AG-107-2.5	N/A	2.0 - 2.5	X	-	X	
	AG-108-0.5	N/A	0.0 - 0.5	X	-	X	
	AG-108-2.5	N/A	2.0 - 2.5	X	-	X	
	AG-114NW5-0.5	N/A	0.0 - 0.5	Hold	-	-	
	AG-114NE5-0.5	N/A	0.0 - 0.5	Hold	-	-	
	AG-114S5-2.5	N/A	2.0 - 2.5	Hold	-	-	
	AG17-SO101-0.5	N/A	0.0 - 0.5	X	-	-	
	AG17-SO102-0.5	N/A	0.0 - 0.5	X	-	-	
	AG17-SO106-0.5	N/A	0.0 - 0.5	Hold	-	-	
	Field Equipment Blanks	200-1	N/A	N/A	X	X	-
		200-2	N/A	N/A	X	X	-
200-3		N/A	N/A	X	-	-	
300-1		N/A	N/A	-	X	X	
200-1*		N/A	N/A	X	-	-	

Notes:

* = Collected during the Phase I Addendum

Table 3
Summary of Arsenic and Lead in Soil

WUHSD Pioneer HS
 10800 Benavon Street
 Whittier, California

Sample ID (Depth in Feet)	Sample Date	Arsenic (mg/kg)	Lead (mg/kg)
AG-1-0.5	6/14/2013	8.68	-
AG-1-2.5	6/14/2013	10.8	-
AG-2-0.5	6/14/2013	11.7	-
AG-2-2.5	6/14/2013	9.79	-
AG-3-0.5	6/14/2013	9.35	-
AG-3-2.5	6/14/2013	9.41	-
AG-4-0.5	6/14/2013	11.8	-
AG-4-2.5	6/14/2013	15.4	-
AG-4-5.0	6/26/2013	5.60	-
AG-4-7.5	6/26/2013	Hold	-
AG-4-10	6/26/2013	Hold	-
AG-4NW1-0.5	6/27/2013	12.6	-
AG-4NW1-2.5	6/27/2013	11.4	-
AG-4NW1-5.0	6/27/2013	Hold	-
AG-4NW4-0.5	6/26/2013	2.30	-
AG-4NW4-2.5	6/26/2013	9.67	-
AG-4NW4-5.0	6/26/2013	Hold	-
AG-4NE1-0.5	6/27/2013	5.91	-
AG-4NE1-2.5	6/27/2013	11.0	-
AG-4NE1-5.0	6/27/2013	Hold	-
AG-4NE5-0.5	6/26/2013	Hold	-
AG-4NE5-2.5	6/26/2013	Hold	-
AG-4NE5-5.0	6/26/2013	Hold	-
AG-4S1-0.5	6/26/2013	4.73	-
AG-4S1-2.5	6/26/2013	13.1	-
AG-4S1-5.0	6/26/2013	9.11	-
AG-4S5-0.5	6/26/2013	1.45	-
AG-4S5-2.5	6/26/2013	13.8	-
AG-4S5-5.0	6/26/2013	Hold	-
AG-5-0.5	6/14/2013	9.60	-
AG-5-2.5	6/14/2013	17.1	-
AG-5-5.0	6/26/2013	7.42	-
AG-5-7.5	6/26/2013	Hold	-
AG-5-10	6/26/2013	Hold	-
AG-5NW1-0.5	6/26/2013	8.84	-
AG-5NW1-2.5	6/26/2013	12.6	-
AG-5NW1-5.0	6/26/2013	7.40	-
AG-5NW5-0.5	6/26/2013	9.43	-
AG-5NW5-2.5	6/26/2013	11.3	-
AG-5NW5-5.0	6/26/2013	7.43	-
AG-5NE1-0.5	6/26/2013	8.24	-
AG-5NE1-2.5	6/26/2013	14.7	-
AG-5NE1-5.0	6/26/2013	7.97	-
AG-5NE5-0.5	6/26/2013	8.14	-
AG-5NE5-2.5	6/26/2013	11.7	-
AG-5NE5-5.0	6/26/2013	6.54	-

Table 3
Summary of Arsenic and Lead in Soil

WUHS Pioneer HS
 10800 Benavon Street
 Whittier, California

Sample ID (Depth in Feet)	Sample Date	Arsenic (mg/kg)	Lead (mg/kg)
AG-5S1-0.5	6/26/2013	9.72	-
AG-5S1-2.5	6/26/2013	16.9	-
AG-5S1-5.0	6/26/2013	7.42	-
AG-5S5-0.5	6/26/2013	11.1	-
AG-5S5-2.5	6/26/2013	16.7	-
AG-5S5-5.0	6/26/2013	8.56	-
AG-6-0.5	6/14/2013	4.08	-
AG-6-2.5	6/14/2013	5.12	-
AG-7-0.5	6/14/2013	8.94	-
AG-7-2.5	6/14/2013	11.6	-
AG-7-5.0	6/26/2013	9.85	-
AG-7-7.5	6/26/2013	Hold	-
AG-7-10	6/26/2013	Hold	-
AG-7NW1-0.5	6/26/2013	7.80	-
AG-7NW1-2.5	6/26/2013	9.98	-
AG-7NW1-5.0	6/26/2013	Hold	-
AG-7NW5-0.5	6/26/2013	Hold	-
AG-7NW5-2.5	6/26/2013	Hold	-
AG-7NW5-5.0	6/26/2013	Hold	-
AG-7NE1-0.5	6/26/2013	10.4	-
AG-7NE1-2.5	6/26/2013	10.2	-
AG-7NE1-5.0	6/26/2013	Hold	-
AG-7NE5-0.5	6/26/2013	Hold	-
AG-7NE5-2.5	6/26/2013	Hold	-
AG-7NE5-5.0	6/26/2013	Hold	-
AG-7S1-0.5	6/26/2013	12.9	-
AG-7S1-2.5	6/26/2013	9.83	-
AG-7S1-5.0	6/26/2013	Hold	-
AG-7S5-0.5	6/26/2013	11.6	-
AG-7S5-2.5	6/26/2013	13.7	-
AG-7S5-5.0	6/26/2013	5.06	-
AG-8-0.5	6/26/2013	3.35	-
AG-8-2.5	6/14/2013	7.85	-
AG-9-0.5	6/14/2013	4.63	-
AG-9-2.5	6/14/2013	5.73	-
AG-10-0.5	6/14/2013	6.25	-
AG-10-2.5	6/14/2013	6.02	-
AG-11-0.5	6/14/2013	3.06	-
AG-11-2.5	6/14/2013	5.22	-
AG-12-0.5	6/14/2013	5.86	-
AG-12-2.5	6/14/2013	6.36	-
AG-13-0.5	6/14/2013	7.44	-
AG-13-2.5	6/14/2013	8.92	-
AG-14-0.5	6/14/2013	14.4	-
AG-14-2.5	6/14/2013	<0.248	-
AG-14NW1-0.5	6/26/2013	15.5	-
AG-14NW1-2.5	6/26/2013	12.0	-
AG14NW5-0.5	6/26/2013	17.0	-
AG14NW5-2.5	6/26/2013	12.2	-
AG-14NE1-0.5	6/26/2013	15.0	-

Table 3
Summary of Arsenic and Lead in Soil

WUHSD Pioneer HS
 10800 Benavon Street
 Whittier, California

Sample ID (Depth in Feet)	Sample Date	Arsenic (mg/kg)	Lead (mg/kg)
AG-14NE1-2.5	6/26/2013	5.27	-
AG-14NE5-0.5	6/26/2013	22.2	-
AG-14NE5-2.5	6/26/2013	20.6	-
AG-14S1-0.5	6/26/2013	12.7	-
AG-14S1-2.5	6/26/2013	6.19	-
AG-14S5-0.5	6/26/2013	13.5	-
AG-14S5-2.5	6/26/2013	2.89	-
AG14-SO1-0.5	7/15/2013	9.33	-
AG14-SO1-2.5	7/15/2013	9.43	-
AG14-SO1-5.0	7/15/2013	9.41	-
AG14-SO2-0.5	7/15/2013	19.4	-
AG14-SO2-2.5	7/15/2013	9.86	-
AG14-SO2-5.0	7/15/2013	8.28	-
AG14-SO3-0.5	7/15/2013	15.6	-
AG14-SO3-2.5	7/15/2013	11.1	-
AG14-SO3-5.0	7/15/2013	9.69	-
AG14-SO4-0.5	7/15/2013	Hold	-
AG14-SO4-2.5	7/15/2013	Hold	-
AG14-SO4-5.0	7/15/2013	Hold	-
AG14-SO5-0.5	7/15/2013	5.41	-
AG14-SO5-2.5	7/15/2013	Hold	-
AG14-SO5-5.0	7/15/2013	Hold	-
AG14-SO6-0.5	7/15/2013	Hold	-
AG14-SO6-2.5	7/15/2013	Hold	-
AG14-SO6-5.0	7/15/2013	Hold	-
AG-15-0.5	6/14/2013	3.34	-
AG-15-2.5	6/14/2013	5.91	-
AG-16-0.5	6/14/2013	4.06	-
AG-16-2.5	6/14/2013	3.70	-
AG-17-0.5	6/14/2013	15.3	-
AG-17-2.5	6/14/2013	3.07	-
AG-17NW1-0.5	6/26/2013	14.3	-
AG-17NW1-2.5	6/26/2013	5.56	-
AG-17NW5-0.5	6/26/2013	40.0	-
AG-17NW5-2.5	6/26/2013	5.31	-
AG-17NE1-0.5	6/26/2013	10.6	-
AG-17NE1-2.5	6/26/2013	Hold	-
AG-17NE5-0.5	6/26/2013	Hold	-
AG-17NE5-2.5	6/26/2013	Hold	-
AG-17S1-0.5	6/26/2013	22.7	-
AG-17S1-2.5	6/26/2013	4.94	-
AG-17S5-0.5	6/26/2013	8.74	-
AG-17S5-2.5	6/26/2013	4.71	-
AG17-SO1-0.5	7/15/2013	4.17	-
AG17-SO2-0.5	7/15/2013	26.0	-
AG17-SO3-0.5	7/15/2013	12.8	-
AG17-SO4-0.5	7/15/2013	6.10	-
AG17-SO5-0.5	7/15/2013	17.7	-
AG17-SO6-0.5	7/15/2013	8.58	-
AG-18-0.5	6/14/2013	5.21	-

Table 3
Summary of Arsenic and Lead in Soil

WUHSD Pioneer HS
10800 Benavon Street
Whittier, California

Sample ID (Depth in Feet)	Sample Date	Arsenic (mg/kg)	Lead (mg/kg)
AG-18-2.5	6/14/2013	6.13	-
ST-1-0.5*	2/13/2013	7.24	7.96
ST-1-2.5*	2/13/2013	4.51	Hold
ST-2-0.5*	2/13/2013	-	10.1
ST-2-2.5*	2/13/2013	-	Hold
ST-3-0.5*	2/13/2013	1.25	46.3
ST-3-2.5*	2/13/2013	1.01	Hold
ST-4-0.5*	2/13/2013	17.9	12.5
ST-4-2.5*	2/13/2013	11.8	Hold
ST-4NW1-0.5	6/14/2013	4.27	-
ST-4NW1-2.5	6/14/2013	5.92	-
ST-4NE1-0.5	6/14/2013	3.99	-
ST-4NE1-2.5	6/14/2013	8.70	-
ST-4SE1-0.5	6/14/2013	5.68	-
ST-4SE1-2.5	6/14/2013	9.82	-
ST-4NW5-0.5	6/14/2013	Hold	-
ST-4NW5-2.5	6/14/2013	Hold	-
ST-4NE5-0.5	6/14/2013	Hold	-
ST-4NE5-2.5	6/14/2013	Hold	-
ST-4SE5-0.5	6/14/2013	Hold	-
ST-4SE5-2.5	6/14/2013	Hold	-
ST-5-0.5*	2/13/2013	-	20.4
ST-5-2.5*	2/13/2013	-	Hold
ST-6-0.5*	2/13/2013	-	8.02
ST-6-2.5*	2/13/2013	-	Hold
HB-1-0.5*	2/13/2013	-	25.0
HB-1-2.5*	2/13/2013	-	Hold
HB-2-0.5*	2/13/2013	-	10.3
HB-2-2.5*	2/13/2013	-	Hold
BB-1-0.5*	2/12/2013	7.63	19.9
BB-1-2.5*	2/12/2013	3.06	Hold
BB-2-0.5*	2/12/2013	-	72.4
BB-2-2.5*	2/12/2013	-	Hold
BB-2-4.0*	3/5/2013	-	3.68
BB-2NW-0.5*	3/5/2013	-	64.7
BB-2NW-2.5*	3/5/2013	-	4.31
BB-2SW-0.5*	3/5/2013	-	41.5
BB-2SW-2.5*	3/5/2013	-	5.40
BB-2SE-0.5*	3/5/2013	-	3.98
BB-2SE-2.5*	3/5/2013	-	53.5
BB-3-0.5*	2/12/2013	-	52.6
BB-3-2.5*	2/12/2013	-	Hold
BS-1-0.5*	2/12/2013	7.63	33.3
BS-1-2.5*	2/12/2013	3.06	Hold

Table 3
Summary of Arsenic and Lead in Soil

WUHSD Pioneer HS
 10800 Benavon Street
 Whittier, California

Sample ID (Depth in Feet)	Sample Date	Arsenic (mg/kg)	Lead (mg/kg)
BS-2-0.5*	2/12/2013	-	70.9
BS-2-2.5*	2/12/2013	-	Hold
BS-3-0.5*	2/12/2013	-	7.99
BS-3-2.5*	2/12/2013	-	Hold
BS-4-0.5*	2/12/2013	-	13.8
BS-4-2.5*	2/12/2013	-	Hold
BS-5-0.5*	2/12/2013	-	34.3
BS-5-2.5*	2/12/2013	-	14.8
BS-6-0.5*	2/12/2013	-	4.30
BS-6-2.5*	2/12/2013	-	Hold
BS-7-0.5*	2/12/2013	-	276
BS-7-2.5*	2/12/2013	-	Hold
BS-7-4.0*	3/5/2013	-	3.15
BS-7NE-0.5*	3/5/2013	-	18.3
BS-7NE-2.5*	3/5/2013	-	3.48
BS-7SE-0.5*	3/5/2013	-	3.89
BS-7SE-2.5*	3/5/2013	-	10.5
BS-7SW-0.5*	3/5/2013	-	44.9
BS-7SW-2.5*	3/5/2013	-	3.58
BS-8-0.5*	2/12/2013	-	7.96
BS-8-2.5*	2/12/2013	-	Hold
BS-9-0.5*	2/12/2013	-	12.8
BS-9-2.5*	2/12/2013	-	Hold
BS-10-0.5*	2/12/2013	-	8.01
BS-10-2.5*	2/12/2013	-	Hold
BS-11-0.5*	2/12/2013	-	24.8
BS-11-2.5*	2/12/2013	-	Hold
BS-12-0.5*	2/12/2013	-	3.47
BS-12-2.5*	2/12/2013	-	Hold
BB-102-0.5*	2/13/2013	-	123
BB-103-0.5*	2/13/2013	-	14.6
BS-105-0.5*	2/12/2013	-	14.6
HB-102-0.5*	2/13/2013	-	6.74
ST-104-0.5*	2/13/2013	24.4	2.93
ST-104-2.5*	2/13/2013	9.14	Hold
AG-104-5.0	6/26/2013	8.43	-
AG-104NE1-0.5	6/26/2013	1.82	-
AG-104NE1-2.5	6/26/2013	8.82	-
AG-104S5-2.5	6/26/2013	6.87	-
AG105-0.5	6/14/2013	8.42	-
AG-105-2.5	6/14/2013	13.5	-
AG-105S5-0.5	6/26/2013	8.68	-
AG-105S5-2.5	6/26/2013	10.0	-
AG-106-0.5	6/14/2013	5.09	-
AG-106-2.5	6/14/2013	6.44	-
AG-107-0.5	6/14/2013	10.7	-
AG-107-2.5	6/14/2013	15.6	-
AG-108-0.5	6/14/2013	5.31	-

Table 3
Summary of Arsenic and Lead in Soil

WUHSD Pioneer HS
 10800 Benavon Street
 Whittier, California

Sample ID (Depth in Feet)	Sample Date	Arsenic (mg/kg)	Lead (mg/kg)
AG-108-2.5	6/14/2013	5.68	-
AG-114NW5-0.5	6/26/2013	Hold	-
AG-114NE5-0.5	6/26/2013	Hold	-
AG-114S5-2.5	6/26/2013	Hold	-
AG17-SO101-0.5	7/15/2013	3.48	-
AG17-SO102-0.5	7/15/2013	21.2	-
AG17-SO106-0.5	7/15/2013	Hold	-
200-1*	2/12/2013	<0.005	<0.004
200-2*	2/13/2013	<0.005	<0.004
200-3	6/26/2013	<0.005	-
300-1*	3/5/2013	-	<0.004
200-1	6/14/2013	<0.005	-
Frequency of Site Samples above Detection Limit		91	43
Maximum Site Sample Concentration		40	276
Minimum Site Sample Concentration		<0.248	2.93
Arithmetic Mean Site Sample Concentration		15.13	28.5
Range of Site Concentrations		<0.248 - 24.4	3.15 - 276
CHHSLs (residential)		0.07	80
DTSC Background Arsenic Concentration		12	N/A
Is this a Chemical of Potential Concern (COPC)?		No	No

Notes:

CHHSL = California Human Health Screening Level

mg/kg = milligrams per kilogram

- = Sample was not tested for this analyte

* = Sample Collected during the Phase I Addendum Investigation (Leighton, 2013b); see this report for the associated laboratory reports.

Shaded samples were removed during the housekeeping action

Table 4
Summary of OCPs in Soil
 WUHS Pioneer HS
 10800 Benavon Street
 Whittier, California

Sample ID (Depth in Feet)	Sample Date	Aldrin (mg/kg)	alpha-BHC (mg/kg)	beta-BHC (mg/kg)	Lindane (mg/kg)	delta-BHC (mg/kg)	alpha- Chlordane (mg/kg)	gamma- Chlordane (mg/kg)	Technical Chlordane (mg/kg)	4,4'-DDD (mg/kg)	4,4'-DDE (mg/kg)	4,4'-DDT (mg/kg)	Dieldrin (mg/kg)	Endosulfan I (mg/kg)	Endosulfan II (mg/kg)	Endosulfan Sulfate (mg/kg)	Endrin (mg/kg)	Endrin Aldehyde (mg/kg)	Endrin Ketone (mg/kg)	Heptachlor Epoxide (mg/kg)	Heptachlor (mg/kg)	Methoxychlor (mg/kg)	Toxaphene (mg/kg)
ST-1	2/12/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
ST-2	2/12/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
ST-3	2/12/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
ST-4	2/12/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
ST-5	2/12/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
ST-6	2/12/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
C-1-0.5	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
C-1-2.5	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
C-2-0.5	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
C-2-2.5	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
C-3-0.5	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
C-3-2.5	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
C-4-0.5	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
C-4-2.5	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
C-5-0.5	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
C-5-2.5	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
ST-103	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
C-102-0.5	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
C-102-2.5	6/14/2013	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0200
200-1*	2/12/2013	<0.004	<0.004	<0.006	<0.004	<0.003	<0.003	<0.004	<0.004	<0.002	<0.006	<0.004	<0.004	<0.005	<0.006	<0.005	<0.004	<0.004	<0.004	<0.008	<0.004	<0.004	<10.0
200-2*	2/12/2013	<0.004	<0.004	<0.006	<0.004	<0.003	<0.003	<0.004	<0.004	<0.002	<0.006	<0.004	<0.004	<0.005	<0.006	<0.005	<0.004	<0.004	<0.004	<0.008	<0.004	<0.004	<10.0
200-1a*	6/14/2013	<0.004	<0.004	<0.006	<0.004	<0.003	<0.003	<0.004	<0.004	<0.002	<0.006	<0.004	<0.004	<0.005	<0.006	<0.005	<0.004	<0.004	<0.004	<0.008	<0.004	<0.004	<0.0200
Maximum Site Concentration		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.010	0.003	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	0.46
Residential CHHSLs		0.033	-	-	0.5	-	NE	NE	0.43	2.3	1.6	1.6	-	-	-	-	21.0	21.0	21.0	0.13	0.13	340.0	0.46

Notes:

CHHSL = California Human Health Screening Level

mg/kg = milligrams per kilogram

- = Sample was not tested for this analyte

* = Concentrations in micrograms per liter (µg/L)

NE = None Established

ST-1 = Composite of ST-1-0.5 and ST-1-2.5

ST-2 = Composite of ST-2-0.5 and ST-2-2.5

ST-3 = Composite of ST-3-0.5 and ST-3-2.5

ST-4 = Composite of ST-4-0.5 and ST-4-2.5

ST-5 = Composite of ST-5-0.5 and ST-5-2.5

ST-6 = Composite of ST-6-0.5 and ST-6-2.5

Table 5
Summary of VOCs in Soil Gas
 WUHS Pioneer HS
 10800 Benavon Street
 Whittier, California

Sample Number (Depth in Feet)	Sample Date	Acetone (µg/L of Air)	Benzene (µg/L of Air)	n-Butylbenzene (µg/L of Air)	sec-Butylbenzene (µg/L of Air)	tert-Butylbenzene (µg/L of Air)	Carbon Disulfide (µg/L of Air)	Chloroform (µg/L of Air)	Ethylbenzene (µg/L of Air)	4-Ethyltoluene (µg/L of Air)	Isopropylbenzene (µg/L of Air)	MEK (µg/L of Air)	MIBK (µg/L of Air)	n-Propylbenzene (µg/L of Air)	4-Isopropyltoluene (µg/L of Air)	Toluene (µg/L of Air)	1,2,4-Trimethylbenzene (µg/L of Air)	1,3,5-Trimethylbenzene (µg/L of Air)	Xylenes, m,p (µg/L of Air)	Xylenes, o (µg/L of Air)
Soil Gas Investigation																				
SG-1-5	6/14/2013	<10	<0.05	<0.10	<0.10	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.10
SG-1-15	6/14/2013	<10	<0.05	<0.10	<0.10	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.10
SG-2-5	6/14/2013	<10	<0.05	<0.10	<0.10	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.10
SG-2-15-1V	6/14/2013	<10	<0.05	<0.10	<0.10	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.10
SG-2-15-3V	6/14/2013	<10	<0.05	<0.10	<0.10	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.10
SG-2-15-10V	6/14/2013	<10	<0.05	<0.10	<0.10	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.20	<0.10
QA/QC Field Duplicate																				
SGP-1-15D	6/14/2013	<10	<0.05	<0.10	<0.10	<0.10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.02	<0.10
Maximum Site Concentration																				
CHHSL (residential)		NE	0.0362	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	135	NE	NE	319	315
Is this a COPC?																No				

NOTES:

A purge volume of three system volumes was used based on purge test

Bolded analytical results are above the method detection limits

CHHSL = California Human Health Screening Level

J = Trace concentration between method detection limit and laboratory reporting limit

NE = None Established

µg/L = micrograms per liter

VOCs = Volatile Organic Compounds

<0.10 = analyte not detected above designated method detection limit

Table 6
 Summary of Relative Percent Differences
 WUHSD Pioneer HS
 10800 Benavon Street
 Whittier, California

Sample ID (Depth in Feet)	Analyte	Primary Sample Concentra tion (mg/kg)	Duplicate Sample Concentra tion (mg/kg)	Relative Percent Difference (RPD)
BB-2-0.5	Lead	72.4	123	52
BB-3-0.5	Lead	52.6	14.6	113
BS-5-0.5	Lead	34.3	14.6	81
HB-2-0.5	Lead	10.3	6.74	42
ST-4-0.5	Lead	12.5	2.93	124
ST-4-0.5	Arsenic	17.9	24.4	31
ST-4-2.5	Arsenic	11.8	9.14	25
AG-4-5.0	Arsenic	5.60	8.43	40
AG-4NE1-0.5	Arsenic	5.91	1.82	106
AG-4NE1-2.5	Arsenic	11.0	8.82	22
AG-4S5-2.5	Arsenic	13.8	6.87	67
AG-5-0.5	Arsenic	9.60	8.42	13
AG-5-2.5	Arsenic	17.1	13.5	24
AG-5S5-0.5	Arsenic	11.1	8.68	24
AG-5S5-2.5	Arsenic	16.7	10.0	50
AG-6-0.5	Arsenic	4.08	5.09	22
AG-6-0.5	Arsenic	4.08	6.44	45
AG-7-0.5	Arsenic	8.94	10.7	18
AG-7-2.5	Arsenic	11.6	15.6	29
AG-8-0.5	Arsenic	3.35	5.31	45
AG-8-2.5	Arsenic	7.85	5.68	32
AG17-SO1-0.5	Arsenic	4.17	3.48	18
AG17-SO2-0.5	Arsenic	26.0	21.2	20
ST-3	4,4'-DDE	<0.0001	<0.0001	0
C-2-0.5	4,4'-DDE	0.002	<0.0001	>200
C-2-2.5	4,4'-DDE	<0.0001	<0.0001	0
ST-3	4,4'-DDT	<0.0001	<0.0001	0
C-2-0.5	4,4'-DDT	<0.0001	<0.0001	0
C-2-2.5	4,4'-DDT	<0.0001	<0.0001	0

Notes:

mg/kg = milligrams per kilogram

Table 7 - Non-Cancer Hazard Index Calculation

WUHSD
Pioneer High School
10800 Benavon Street
Whittier, California

$$\text{HAZARD}_{\text{soil}} = [C_s/\text{RfD}_o \times (1.28 \times 10^{-5})] + [C_s/\text{RfD}_o \times (3.7 \times 10^{-5}) \times \text{ABS}] + [C_s \times (\text{PEF})/\text{RfD}_i \times 0.639]$$

where: PEF = Particulate Emission Factor (1E-9 kg/m³)

RfD_o = Oral reference dose [mg/kg-day]

RfD_i = Inhalation reference dose [mg/kg-day]

C_s = Concentration in soil [mg/kg]

ABS = Dermal absorption fraction [unitless]

Chemicals of Potential Concern	C _s (mg/kg)	RfD _o ^b (mg/kg-day)	Source	RfD _i ^b (mg/kg-day)	Source	ABS ^c (unitless)	Hazard _{soil} (unitless)	
CAM 17 Metals							0.00E+00	
Antimony	0.00	4.00E-04	EPA	NA	NA	0.01	0.00E+00	
Arsenic	16.40	3.00E-04	EPA	8.57E-06	OEHHA	0.03	0.00E+00	
Barium	0.00	2.00E-01	EPA	1.40E-04	EPA	0.01	0.00E+00	
Beryllium	0.00	2.00E-03	EPA	2.00E-06	OEHHA	0.01	0.00E+00	
Cadmium	0.00	5.00E-04	EPA	5.71E-06	OEHHA	0.001	0.00E+00	
Chromium	0.00	1.5	EPA	NA	NA	0.01	0.00E+00	
Chromium VI	0.00	3.00E-03	EPA	5.70E-05	OEHHA	0	0.00E+00	
Cobalt	0.00	6.00E-02	EPA	NA	NA	0.01	0.00E+00	
Copper	0.00	3.70E-02	EPA	NA	NA	0.01	0.00E+00	
Lead	0.00	Use LeadSpread Version 7 Model						
Mercury	0.00	3.00E-04	EPA ^d	2.57E-05	OEHHA	0.01	0.00E+00	
Nickel	0.00	NA	NA	1.43E-05	OEHHA	0.01	0.00E+00	
Selenium	0.00	5.00E-03	EPA	NA	NA	0.01	0.00E+00	
Silver	0.00	5.00E-03	EPA	NA	NA	0.01	0.00E+00	
Thallium	0.00	6.60E-05	EPA	NA	NA	0.01	0.00E+00	
Vanadium	0.00	7.00E-03	EPA	NA	NA	0.01	0.00E+00	
Zinc	0.00	3.00E-01	EPA	NA	NA	0.01	0.00E+00	
Pesticides								
Aldrin	0.00	3.0E-05	EPA	3.0E-05	EPA	0.05	0.00E+00	
total Chlordane	0.00	5.0E-04	EPA	2.0E-04	EPA	0.05	0.00E+00	
DDD	0.00	5.0E-04	EPA	5.0E-04	EPA	0.05	0.00E+00	
DDE	0.100	5.0E-04	EPA	5.0E-04	EPA	0.05	3.84E-03	
DDT	0.003	5.0E-04	EPA	5.0E-04	EPA	0.05	1.15E-04	
Dieldrin	0.00	5.0E-05	EPA	5.0E-05	EPA	0.05	0.00E+00	
Endrin	0.00	3.0E-04	EPA	3.0E-04	EPA	0.05	0.00E+00	
Heptachlor	0.00	5.0E-04	EPA	5.0E-04	EPA	0.05	0.00E+00	
Heptachlor epoxide	0.000	1.3E-05	EPA	1.3E-05	EPA	0.05	0.00E+00	
alpha-Hexachlorocyclohexane	0.00	5.0E-04	EPA	5.0E-04	EPA	0.05	0.00E+00	
beta-Hexachlorocyclohexane	0.00	2.0E-04	EPA	2.0E-04	EPA	0.05	0.00E+00	
gamma-Hexachlorocyclohexane (Linda)	0.00	3.0E-04	EPA	3.0E-04	EPA	0.05	0.00E+00	
Methoxychlor	0.00	5.0E-03	EPA	5.0E-03	EPA	0.05	0.00E+00	
Toxaphene	0.00	NA	NA	NA	NA	0.05	NA	
Hazard Index =							3.96E-03	

Notes: If Hazard Index is greater than one (1.0), additional assessment may be required.

^b Oral and inhalation reference doses obtained from California EPA when available. Toxicity criteria were obtained from EPA Integrated Risk Information System database or EPA Region 9 2002 PRGs when California EPA values were not available.

^c Absorption fractions were taken from PEA guidance (DTSC 1994).

mg/kg = milligrams of chemical per kilogram of soil

RfD_o = oral reference dose

RfD_i = inhalation reference dose

mg/kg-day = milligrams of chemical per kilogram of body weight per day

ABS = Absorption fraction, unitless, 0.1 for TPH from PEA Manual (DTSC, 1999) Appendix A, Table 2, other organics.

NA = not available

Table 7 - Non-Cancer Hazard Index Calculation

WUHSD
Pioneer High School
10800 Benavon Street
Whittier, California

EPA = U.S. Environmental Protection Agency

HERD = Department of Toxic Substances Control, Human and Ecological Risk Division

Table 8 - Cancer Risk Calculation

WUHSD
 Pioneer High School
 10800 Benavon Street
 Whittier, CA

$$\text{Risk}_{\text{soil}} = [\text{SF}_o \times C_s \times (1.57 \times 10^{-6})] + [\text{SF}_o \times C_s \times (3.7 \times 10^{-6}) \times \text{ABS}] + [\text{Sf}_i \times C_s \times \text{PEF} \times 0.149]$$

where: PEF = Particulate Emission Factor (1E-9 kg/m³)

SF_o = Oral slope factor [mg/kg-day]⁻¹

SF_i = Inhalation slope factor [mg/kg-day]⁻¹

C_s = Concentration in soil [mg/kg]

ABS = Dermal absorption fraction [unitless]

Chemicals of Potential Concern	C _s (mg/kg)	SF _o ^b (mg/kg-day) ⁻¹	Source	SF _i ^b (mg/kg-day) ⁻¹	Source	ABS ^c (unitless)	Cancer Risk _{soil} (unitless)	
CAM 17 Metals								
Arsenic	0.00	9.450	CalEPA	12	CalEPA	0.03	0.00E+00	
Beryllium	0.00	NA	NA	8.4	CalEPA	0.01	0.00E+00	
Cadmium	0.00	0	CalEPA	15	CalEPA	0.001	0.00E+00	
Chromium VI	0.00	NA	NA	510	CalEPA	0.000	0.00E+00	
Lead	0.00	Use LeadSpread Version 7 Model						
Pesticides								
Aldrin	0.00	1.7E+01	CalEPA	1.7E+01	CalEPA	0.05	0.00E+00	
total Chlordane	0.00	1.3E+00	CalEPA	1.2E+00	CalEPA	0.05	0.00E+00	
DDD	0.00	2.4E-01	CalEPA	2.4E-01	CalEPA	0.05	0.00E+00	
DDE	0.100	3.4E-01	CalEPA	3.4E-01	CalEPA	0.05	5.97E-08	
DDT	0.00	3.4E-01	CalEPA	3.4E-01	CalEPA	0.05	1.79E-09	
Dieldrin	0.00	1.6E+01	CalEPA	1.6E+01	CalEPA	0.05	0.00E+00	
Endrin	0.00	NA	NA	NA	NA	0.05	NA	
Heptachlor	0.00	4.1E+00	CalEPA	4.1E+00	CalEPA	0.05	0.00E+00	
Heptachlor epoxide	0.000	5.5E+00	CalEPA	5.5E+00	CalEPA	0.05	0.00E+00	
alpha-Hexachlorocyclohexane	0.00	2.7E+00	CalEPA	2.7E+00	CalEPA	0.05	0.00E+00	
beta-Hexachlorocyclohexane	0.00	1.5E+00	CalEPA	1.5E+00	CalEPA	0.05	0.00E+00	
gamma-Hexachlorocyclohexane (Lin)	0.00	1.1E+00	CalEPA	1.1E+00	CalEPA	0.05	0.00E+00	
Methoxychlor	0.00	NA	NA	NA	NA	0.05	NA	
Toxaphene	0.00	1.2E+00	CalEPA	1.2E+00	CalEPA	0.05	0.00E+00	
Total Cancer Risk =							6.15E-08	

Notes: If Cancer Risk is greater than 1E-6 additional assessment may be required

¹ Carcinogenic polycyclic aromatic hydrocarbons reported as benzo (a) pyrene equivalents

^b Oral and inhalation slope factors obtained from California EPA when available. Toxicity criteria were obtained from EPA online Integrated Risk Information System database when California EPA values were not available.

^c Absorption fractions were taken from Preliminary Endangerment Assessment guidance (DTSC 1994)
 mg/kg = milligrams of chemical per kilogram of soil

SF_o = oral slope factor

Sf_i = inhalation slope factor

ABS = Absorption fraction, unitless

NA = not available

EPA = U.S. Environmental Protection Agency

CalEPA = California Environmental Protection Agency

APPENDIX A

APPENDIX A

REFERENCES

- ASTM, 2005, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-05*, dated November 1, 2005.
- Blaes Environmental (Blaes), 2013, *Groundwater Monitoring Report – First and Second Quarters 2003 Circle K Store #2211211 / CRWQCB – LAR Case #I-01034A 8441 Pioneer Boulevard South, Whittier, California 90606, Dated August 2, 2013*.
- California State Senate, 2013, *Find Your California Representative*, <http://findyourrep.legislature.ca.gov/>, Accessed June 6, 2013.
- Department of Toxic Substances Control (DTSC), 2006, *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*, dated June 9, 2006.
- DTSC, 2008a, *School Environmental Assessment Manual*, August, 2008.
- DTSC, 2008b, *Determination of a Southern California Regional Background Arsenic Concentration in Soil*, presented at the Society of Toxicology Conference, March, 2008.
- DTSC, 2008c, *Interim Guidance for Sampling Agricultural Properties (Third Revision)*, dated April 30, 2008.
- DTSC, 2012, California Regional Water Quality Control Board, Los Angeles Region, and California Regional Water Quality Control Board San Francisco Bay Region, 2012, *Advisory – Active Soil Gas Investigations*, State of California, dated April, 2012.
- DTSC, 2013a, *Phase I Environmental Site Assessment and Phase I Addendum Determination, Pioneer High School Stadium Modernization Project, Whittier Union High School District, 9401 South Painter Avenue, Whittier, Los Angeles County (Site Code: 304645)*, Dated, June 3, 2013

DTSC, 2013b, Personal Communication with Haddad, S., Garcia, A., and Taylor, D., August 7, 2013.

Leighton Consulting, Inc., 2013a, *Phase I Environmental Site Assessment for the Stadium Modernization Project on the Existing Pioneer High School Campus, Located at 10800 Benavon Avenue, Whittier, Los Angeles County, California*, dated January 25, 2013, Project No. 10084.001.

Leighton Consulting, Inc., 2013b, *Phase I Environmental Site Assessment Addendum Report for the Stadium Modernization Project on the Existing Pioneer High School Campus, Located at 10800 Ben Avon Avenue, Whittier, Los Angeles County, California*, dated March 27, 2013, Project No. 10084.002.

Leighton Consulting, Inc., 2013c, *Draft Technical Memorandum, Supplemental Site Investigation, Pioneer High School Athletic Complex Modernization, 10800 Ben Avon Street, Whittier, California*, dated June 4, 2013, Project No. 10083.002.

Office of Environmental Health Hazard Assessment (OEHHA), 2005, *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties*, dated January, 2005.

APPENDIX B

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: June 27, 2013

Mr. Richard Orr
Leighton Consulting
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170

Project: **Pioneer HS SS1 10800 Ben Avon St., Whittier, CA 90606**
Project No.: **10084.001**
Lab I.D.: **130626-71 through -161**

Dear Mr. Orr:

The **analytical results** for the soil samples, received by our lab on June 26, 2013, are attached. The samples were received chilled, intact and with chain of custody record.

Trace concentrations between the MDL and the PQL have been reported with a "J" flag indicator.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manger



Andy Wang
Laboratory Manager

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer HS SS1 10800 Ben Avon St., Whittier, CA 90606
PROJECT No.: 10084.001
MATRIX: SOIL
SAMPLING DATE: 06/26/13
REPORT TO: Mr. RICHARD ORR
DATE RECEIVED: 06/26/13
DATE ANALYZED: 06/27/13
DATE REPORTED: 06/27/13

EPA 6010B FOR TTLC-ARSENIC; PAGE 1 OF 2
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include various sample IDs (AG-4-5.0 to AG-7S1-2.5) and a Method Blank, with corresponding arsenic concentrations and dilution factors.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170

PROJECT: Pioneer HS SS1 10800 Ben Avon St., Whittier, CA 90606
PROJECT No.: 10084.001

MATRIX: SOIL DATE RECEIVED: 06/26/13
SAMPLING DATE: 06/26/13 DATE ANALYZED: 06/27/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 06/27/13

EPA 6010B FOR TTLC-ARSENIC; PAGE 2 OF 2
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include various sample IDs (e.g., AG-14NW1-0.5) and their corresponding arsenic concentrations and dilution factors. Includes Method Blank, MDL (0.248), and PQL (0.30).

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste, as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]

CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis--TTLC--SOLID/SOIL MATRIX

(PAGE 1 of 2)

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/27/2013

Unit : Mg/KG(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130626-153	1.00	101	PASS	1.82	50.0	48.7	94%	50.6	98%	4%

ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: 

FINAL REVIEWER: 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer HS SS1 10800 Ben Avon St., Whittier, CA 90606
PROJECT No.: 10084.001

MATRIX: WATER DATE RECEIVED: 06/26/13
SAMPLING DATE: 06/26/13 DATE ANALYZED: 06/27/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 06/27/13

EPA 200.7 FOR TTLC-ARSENIC
UNITS: mg/L = MILLIGRAM PER LITER = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include sample 200-3 (ND, 1) and Method Blank (ND, 1). MDL 0.005, PQL 0.01.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for TLLC Metals Analysis --WATER MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/27/2013

Unit : mg/L(ppm)

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130625-20	1.00	102	PASS	0	1.00	1.00	100%	1.01	101%	1%
Chromium(Cr)	130625-20	1.00	100	PASS	0	1.00	0.980	98%	0.989	99%	1%
Zinc(Zn)	130625-20	1.00	109	PASS	0.080	1.00	1.13	105%	1.15	107%	2%

ANALYSIS DATE. : 6/26/2013

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130625-35	0.00250	100	PASS	0	0.00250	0.00220	88%	0.00210	84%	5%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Zinc(Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST:  _____

FINAL REVIEWER:  _____

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required				COMMENTS
		DATE	TIME					As				
AG-4-5.0	13026-71	6/24/13	1120	Soil	1	Ice	X					
AG-4-7.5	-72		1125									Hold
AG-4-10	-73		1127									Hold
AG-4NW1-0.5							X					
AG-4NW1-2.5							X					
AG-4NW1-5.0												Hold
AG-4NE1-0.5							X					
AG-4NE1-2.5							X					
AG-4NE1-5.0												Hold
AG-4S1-0.5	-74		1108				X					
AG-4S1-2.5	-75		1110				X					
AG-4S1-5.0	-76		1113									Hold
AG-4NW4-0.5	-77		1029									Hold
AG-4NW4-2.5	-78		1031									Hold
AG-4NW4-5.0	-79	↓	1035	↓	↓	↓						Hold

Company Name: Leighton Consulting
 Address: 10532 Acacia St Ste B6
 City/State/Zip: Rancho Cucamonga, CA 91730

Project Contact: Richard Orr
 Tel: (909) 484-2205
 Fax: (909) 484-2170

Sampler's Signature: [Signature]
 Project Name/ID: Pioneer MS SSI
10800 Ben Avon St
Whittier, CA 90606
10084.001

Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>6/26/13 1700</u>
Relinquished by:	Received by:	Date & Time:
Relinquished by:	Received by:	Date & Time:

Instructions for Sample Storage After Analysis:
 Dispose of Return to Client Store (30 Days)
 Other:

CHAIN OF CUSTODY RECORD

Date: 6/26/13

WHITE WITH SAMPLE • YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	AS				Misc.
--------	-------------------	-------------	--------------	----	--	--	--	-------

SAMPLE ID	LAB ID	SAMPLING		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required				COMMENTS
		DATE	TIME									
AG-4NE5-0.5	130676-80	6/26/13	1036	Soil	1	Ice						Hold
AG-4NE5-2.5	-81		1038									Hold
AG-4NE5-5.0	-82		1042									Hold
AG-4S5-0.5	-83		1058									Hold
AG-4S5-2.5	-84		1101									Hold
AG-4S5-5.0	-85		1107									Hold
AG-5-5.0	-86		1317					X				
AG-5-7.5	-87		1319									Hold
AG-5-10	-88		1321									Hold
AG-5NW1-0.5	-89		1300					X				
AG-5NW1-2.5	-90		1302					X				
AG-5NW1-5.0	-91		1305									Hold
AG-5NE1-0.5	-92		1307					X				
AG-5NE1-2.5	-93		1308					X				
AG-5NE1-5.0	-94		1309									Hold

Company Name: <u>Leighton Consulting</u>	Project Contact: <u>Richard Orr</u>	Sampler's Signature: <u>[Signature]</u>
Address: <u>10532 Acacia St Ste B6</u>	Tel: <u>(909) 484-2205</u>	Project Name/ID: <u>10084.002</u>
City/State/Zip: <u>Rancho Cucamonga, CA 91730</u>	Fax: <u>(909) 484-2170</u>	

Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>6/26/13 1700</u>	Instructions for Sample Storage After Analysis: <input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days) <input type="radio"/> Other:
Relinquished by:	Received by:	Date & Time:	
Relinquished by:	Received by:	Date & Time:	

CHAIN OF CUSTODY RECORD

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required				COMMENTS
		DATE	TIME									
AG-5S1-0.5	120626-95	6/26/13	1311	Soil	1		Ice	X				
AG-5S1-2.5	96		1313					X				
AG-5S1-5.0	97		1316									Hold
AG-5NW5-0.5	98		1233									Hold
AG-5NW5-2.5	99		1237									Hold
AG-5NW5-5.0	100		1239									Hold
AG-5NE5-0.5	101		1252									Hold
AG-5NE5-2.5	102		1253									Hold
AG-5NE5-5.0	103		1255									Hold
AG-5S5-0.5	104		1243									Hold
AG-5S5-2.5	105		1245									Hold
AG-5S5-5.0	106		1249									Hold
AG-7-5.0	107		1218						X			
AG-7-7.5	108		1220									Hold
AG-7-10	109		1223									Hold

Company Name: <i>Leighton Consulting</i>		Project Contact: <i>Richard Orr</i>		Sampler's Signature: <i>[Signature]</i>	
Address: <i>10932 Acacia St</i>		Tel: <i>(909) 484-2205</i>		Project Name/ID: <i>Pioneer HS SS1</i> <i>10800 Ben Avon St</i> <i>Whittier, CA 90606</i>	
City/State/Zip: <i>Rancho Cucamonga, CA 91730</i>		Fax: <i>(909) 484-2170</i>		<i>10084-002</i>	
Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date & Time: <i>6/26/13 1700</i>	Instructions for Sample Storage After Analysis:		
Relinquished by:	Received by:	Date & Time:	<input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days) <input type="radio"/> Other:		
Relinquished by:	Received by:	Date & Time:			

CHAIN OF CUSTODY RECORD

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 ~~24 Hours~~
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS				
		DATE	TIME																			
AG-755-0.5	130/16-125	6/26/13	1151	Soil	1	100															Hold	
AG-755-2.5	-126		1153																			Hold
AG-785-5.0	-127		1158																			Hold
AG-14NW1-0.5	-128		0856																			
AG-14NW1-2.5	-129		0858																			Hold
AG-14NE1-0.5	-130		0904																			
AG-14NE1-2.5	-131		0901																			Hold
AG-14S1-0.5	-132		0918																			
AG-14S1-2.5	-133		0911																			Hold
AG-14NW5-0.5	-134		0848																			
AG-14NW5-2.5	-135		0846																			Hold
AG-14NE5-0.5	-136		0828																			
AG-14NE5-2.5	-137		0830																			Hold
AG-14S5-0.5	-138		0925																			
AG-14S5-2.5	-139		0925																			Hold

Company Name: <u>Leighton Consulting</u>		Project Contact: <u>Richard Orr</u>		Sampler's Signature: <u>[Signature]</u>	
Address: <u>10532 Acacia St Ste B6</u>		Tel: <u>(909) 484-2205</u>		Project Name/ID: <u>10084.002</u>	
City/State/Zip: <u>Rancho Cucamonga, CA 91730</u>		Fax: <u>(909) 484-2170</u>			
Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>6/26/13 1700</u>	Instructions for Sample Storage After Analysis:		
Relinquished by:	Received by:	Date & Time:	<input type="checkbox"/> Dispose of <input type="checkbox"/> Return to Client <input type="checkbox"/> Store (30 Days) <input type="checkbox"/> Other:		
Relinquished by:	Received by:	Date & Time:			

CHAIN OF CUSTODY RECORD

Date: 6/26/13

WHITE WITH SAMPLE • YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required								COMMENTS
		DATE	TIME					1	2	3	4	5	6	7	8	
AG-17NW1-0.5	13056-(40)	6/26/13	1014	Soil	1	ice	X									
AG-17NW1-2.5	- (41)		1012													Hold
AG-17NE1-0.5	- (42)		1005				X									
AG-17NE1-2.5	- (43)		1007													Hold
AG-17S1-0.5	- (44)		1017				X									
AG-17S1-2.5	- (45)		1019													Hold
AG-17NW5-0.5	- (46)		0931													Hold
AG-17NW5-2.5	- (47)		0933													Hold
AG-17NE5-0.5	- (48)		0945													Hold
AG-17NE5-2.5	- (49)		1001													Hold
AG-17S5-0.5	- (50)		0959													Hold
AG-17S5-2.5	- (51)		0948													Hold
AG-104-5.0	- (52)		1122				X									
AG-104NE1-0.5	- (53)		1045				X									
AG-104NE1-2.5	- (54)		1047				X									

Company Name: Leighton Consulting		Project Contact: Richard Orr		Sampler's Signature:	
Address: 10532 Acacia St Ste B-6		Tel: (909) 484-2205		Project Name/ID: 10084.002	
City/State/Zip: Rancho Cucamonga, CA 91730		Fax: (909) 484-2170			
Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Date & Time: 6/26/13 1700		Instructions for Sample Storage After Analysis: <input type="checkbox"/> Dispose of <input type="checkbox"/> Return to Client <input type="checkbox"/> Store (30 Days) <input type="checkbox"/> Other:	
Relinquished by:	Received by:	Date & Time:			
Relinquished by:	Received by:	Date & Time:			

CHAIN OF CUSTODY RECORD

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required				COMMENTS
		DATE	TIME									
AG-10455-2.5	130576-15	6/26/13	1104 6/24/13	soil	1		ice					Hold
AG-10535-0.5	11156		1322									Hold
AG-10535-2.5	11157		1324									Hold
AG-114NW5-0.5	11158		0849									Hold
AG-114NE5-0.5	11159		0829									Hold
AG-114S5-0.5	11160		0925									Hold
200-3			1355						X			

Company Name: Lexington Consulting
 Address: 10532 Alacia St Ste B6
 City/State/Zip: Rancho Cucamonga, CA 91730

Project Contact: Richard Orr
 Tel: (909) 484-2209
 Fax: (909) 484-2170

Sampler's Signature: [Signature]
 Project Name/ID: 10084-009

Relinquished by: [Signature]
 Relinquished by:
 Relinquished by:

Received by: [Signature]
 Received by:
 Received by:

Date & Time: 6/26/13 1700
 Date & Time:
 Date & Time:

Instructions for Sample Storage After Analysis:
 Dispose of Return to Client Store (30 Days)
 Other:

CHAIN OF CUSTODY RECORD

Date: 6/26/13

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: July 1, 2013

Mr. Richard Orr
Leighton Consulting
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170

Project: **Pioneer HS SS1 10800 Ben Avon St., Whittier, CA 90606**
Project No.: **10084.001**
Lab I.D.: **130626-71 through -161**

Dear Mr. Orr:

The **additional TTLC-As results** for the soil samples, received by our lab on June 26, 2013, are attached. The samples were received chilled, intact, with chain of custody record and also stored per the EPA protocols.

Trace concentrations between the MDL and the PQL have been reported with a "J" flag indicator.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manger

Andy Wang
Laboratory Manager

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer HS SS1 10800 Ben Avon St., Whittier, CA 90606
PROJECT No.: 10084.001
MATRIX: SOIL DATE RECEIVED: 06/26/13
SAMPLING DATE: 06/26/13 DATE ANALYZED: 06/28/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 07/01/13

EPA 6010B FOR TTLC-ARSENIC; PAGE 1 OF 2
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include various sample IDs (e.g., AG-4S1-5.0, AG-5NW1-5.0) and their corresponding arsenic results and dilution factors. Includes Method Blank, MDL (0.248), and PQL (0.30).

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer HS SS1 10800 Ben Avon St., Whittier, CA 90606
PROJECT No.: 10084.001
MATRIX: SOIL DATE RECEIVED: 06/26/13
SAMPLING DATE: 06/26/13 DATE ANALYZED: 06/28/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 07/01/13

EPA 6010B FOR TTLC-ARSENIC; PAGE 2 OF 2
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include various sample IDs like AG-7S5-0.5, AG-14NW1-2.5, etc., with corresponding results and dilution factors.

MDL 0.248
PQL 0.30

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/28/2013

Unit : Mg/KG(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130626-139	1.00	99	PASS	2.89	50.0	48.0	90%	47.4	89%	1%

ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/28/2013

Unit : Mg/KG(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130626-83	1.00	99	PASS	1.45	50.0	46.9	91%	49.2	96%	5%

ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____ 

FINAL REVIEWER: _____ 

Jessica

From: "Richard Orr" <rorr@leightongroup.com>
To: "Curtis B. Desilets" <curt.envirocheminc@gmail.com>; <envirocheminc@gmail.com>
Cc: "Zachary Freeman" <zfreeman@leightongroup.com>
Sent: Friday, June 28, 2013 10:25 AM
Attach: 4256_001.pdf
Subject: RE: Pioneer HS, Whittier - 10084.001
 Thank You Curtis –

We need these additional hold samples run **same day turn around** analysis:

Lab ID 130626-71 through 161 - Updated Chain of Custody attached.

AG-4S1-5.0
AG-4S5-0.5
AG-4S5-2.5
AG-5NW1-5.0
AG-5NW5-0.5
AG-5NW5-2.5
AG-5NW5-5.0
AG-5NE1-5.0
AG-5NE5-0.5
AG-5NE5-2.5
AG-5NE5-5.0
AG-5S1-5.0
AG-5S5-0.5
AG-5S5-2.5
AG-5S5-5.0
AG-7S5-0.5
AG-7S5-2.5
AG-14NW1-2.5
AG14NW5-2.5
AG-14NE1-2.5
AG-14NE5-2.5
AG-14NE5-2.5
AG-14S1-2.5
AG-14S5-2.5
AG-17NW1-2.5
AG-17NW5-0.5
AG-17NW5-2.5
AG-17S1-2.5
AG-17S5-0.5
AG-17S5-2.5
AG-104S5-2.5
AG-105S-0.5
AG-105S-2.5

Thanks,

Richard L. Orr
 Associate Geologist

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
 CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 2-3 Days
 4-7 Days
 7-14 Days
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Misc.	Analysis Required	COMMENTS	
		DATE	TIME								
AG-4-5.0	13026-71	6/24/13	1120	Soil	1		Ice		X		
AG-4-7.5	-72		1125		1					Hold	
AG-4-10	-73		1127							Hold	
AG-4NW1-0.5									*		
AG-4NW1-2.5									*		
AG-4NW1-5.0										Hold	
AG-4NE1-0.5									*		
AG-4NE1-2.5									*		
AG-4NE1-5.0										Hold	
AG-4S1-0.5	-74		1108						X		
AG-4S1-2.5	-75		1110						X		
AG-4S1-5.0	-76		1113						X	Hold RUN	
AG-4NW4-0.5	-77		1029							Hold	
AG-4NW4-2.5	-78		1031							Hold	
AG-4NW4-5.0	-79	↓	1035	↓	↓		↓			Hold	
Company Name: <u>Leighton Consulting</u>				Project Contact: <u>Richard Orr</u>				Sampler's Signature: <u>[Signature]</u>			
Address: <u>10532 Acacia St Ste B6</u>				Tel: <u>(909) 484-2209</u>				Project Name/ID: <u>Pioneer HS SSI</u> <u>10800 Ben Avon St</u> <u>Whittier, CA 90606</u>			
City/State/Zip: <u>Rancho Cucamonga, CA 91730</u>				Fax: <u>(909) 484-2170</u>				<u>10084.001</u>			
Relinquished by: <u>[Signature]</u>			Received by: <u>[Signature]</u>			Date & Time: <u>6/24/13 1700</u>			Instructions for Sample Storage After Analysis: <input type="checkbox"/> Dispose of <input type="checkbox"/> Return to Client <input type="checkbox"/> Store (30 Days) <input type="checkbox"/> Other:		
Relinquished by:			Received by:			Date & Time:					
Relinquished by:			Received by:			Date & Time:					

CHAIN OF CUSTODY RECORD

Date: 6/26/13

WHITE WITH SAMPLE • YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
 CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 hours
 48 hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Misc.	Analysis Required	COMMENTS
		DATE	TIME							
AG-4NE5-0.5	120676-80	6/26/13	1036	Soil	1		Ice			Hold
AG-4NE5-2.5	-81		1038							Hold
AG-4NE5-5.0	-82		1042							Hold
AG-4S5-0.5	-83		1058							Hold / RUN
AG-4S5-2.5	-84		1101							Hold / RUN
AG-4S5-5.0	-85		1107							Hold
AG-5-5.0	-86		1317							X
AG-5-7.5	-87		1319							Hold
AG-5-10	-88		1321							Hold
AG-5NW1-0.5	-89		1300							X
AG-5NW1-2.5	-90		1302							X
AG-5NW1-5.0	-91		1305							Hold / RUN
AG-5NE1-0.5	-92		1307							X
AG-5NE1-2.5	-93		1308							X
AG-5NE1-5.0	-94		1309							Hold / RUN

Company Name: Leighton Consulting
 Address: 10532 Arcadia St Ste B6
 City/State/Zip: Rancho Cucamonga, CA 91730

Project Contact: Richard Orr
 Tel: (909) 484-2205
 Fax: (909) 484-2170

Sampler's Signature: [Signature]
 Project Name/ID: 10084.002

Relinquished by: [Signature]
 Relinquished by:
 Relinquished by:

Received by: [Signature]
 Received by:
 Received by:

Date & Time: 6/26/13 1700
 Date & Time:
 Date & Time:

Instructions for Sample Storage After Analysis:
 Dispose of Return to Client Store (30 Days)
 Other:

CHAIN OF CUSTODY RECORD

Date: 6/26/13

WHITE WITH SAMPLE - YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories

1214 E. Lexington Avenue,
Pomona, CA 91766

Tel: (909) 590-5905 Fax: (909) 590-5907

CA-DHS ELAP CERTIFICATE #1555

Turnaround Time

- Same Day
- 24 Hours
- 48 Hours
- 72 Hours
- 1 Week (Standard)
- Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required		COMMENTS
AG-5S1-0.5	13062695	6/26/13	1311	Soil	1		Ice	X		
AG-5S1-2.5	96		1313					X		
AG-5S1-5.0	97		1316					X		Hold / RUN
AG-5NW5-0.5	98		1233					X		Hold / RUN
AG-5NW5-2.5	99		1237					X		Hold / RUN
AG-5NW5-5.0	100		1239					X		Hold / RUN
AG-5NE5-0.5	101		1252					X		Hold / RUN
AG-5NE5-2.5	102		1253					X		Hold / RUN
AG-5NE5-5.0	103		1255					X		Hold / RUN
AG-5S5-0.5	104		1243					X		Hold / RUN
AG-5S5-2.5	105		1245					X		Hold / RUN
AG-5S5-5.0	106		1249					X		Hold / RUN
AG-7-5.0	107		1218					X		
AG-7-7.5	108		1220							Hold
AG-7-10	109		1223							Hold

Company Name: <u>Leighton Consulting</u>		Project Contact: <u>Richard Orr</u>		Sampler's Signature: <u>[Signature]</u>	
Address: <u>10532 Acacia St</u>		Tel: <u>(909) 484-2205</u>		Project Name/ID: <u>Pioneer HS SS1</u>	
City/State/Zip: <u>Rancho Cucamonga CA 91730</u>		Fax: <u>(909) 484-2170</u>		<u>10084002</u>	
Relinquished by: <u>[Signature]</u>		Received by: <u>[Signature]</u>		Date & Time: <u>6/26/13 1700</u>	
Relinquished by:		Received by:		Date & Time:	
Relinquished by:		Received by:		Date & Time:	
Instructions for Sample Storage After Analysis:					
<input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days)					
<input type="radio"/> Other:					

CHAIN OF CUSTODY RECORD

Date: 6/26/13

WHITE WITH SAMPLE - YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
 CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required		COMMENTS
AG-7NW1-0.5	138626-110	6/26/13	1208	Soil	1	ice	X			
AG-7NW1-2.5	-111		1210				X			
AG-7NW1-5.0	-112		1212							Hold
AG-7NE1-0.5	-113		1200				X			
AG-7NE1-2.5	-114		1202				X			
AG-7NE1-5.0	-115		1206							Hold
AG-7S1-0.5	-116		1211				X			
AG-7S1-2.5	-117		1214				X			Hold
AG-7S1-5.0	-118		1217							Hold
AG-7NW5-0.5	-119		1139							Hold
AG-7NW5-2.5	-120		1141							Hold
AG-7NW5-5.0	-121		1144							Hold
AG-7NE5-0.5	-122		1132							Hold
AG-7NE5-2.5	-123		1135							Hold
AG-7NE5-5.0	-124		1138							Hold

Company Name: <u>Leighton Consulting</u>		Project Contact: <u>Richard Orr</u>		Sampler's Signature: <u>[Signature]</u>	
Address: <u>10532 Acacia St Ste B6</u>		Tel: <u>(909) 494-2205</u>		Project Name/ID: <u>Pioneer HS 551</u> <u>10300 Barren Avon St</u> <u>Whittier, CA</u>	
City/State/Zip: <u>Rancho Cucamonga CA 91730</u>		Fax: <u>(909) 494-2170</u>		10084.002	
Relinquished by: <u>[Signature]</u>	Received by: <u>NKS/12</u>	Date & Time: <u>6/26/13 1700</u>	Instructions for Sample Storage After Analysis:		
Relinquished by:	Received by:	Date & Time:	<input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days) <input type="radio"/> Other.		
Relinquished by:	Received by:	Date & Time:			

CHAIN OF CUSTODY RECORD

Date: 6/26/13

WHITE WITH SAMPLE - YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories

1214 E. Lexington Avenue,
Pomona, CA 91766

Tel: (909) 590-5905 Fax: (909) 590-5907

CA-DHS ELAP CERTIFICATE #1555

Turnaround Time

- Same Day
- 24 Hours
- 48 Hours
- 72 Hours
- 1 Week (Standard)
- Other

SAMPLE ID		LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required		COMMENTS
AG-755-0.5		1306-125	6/26/13	1151	Soil	1	ice	(X)			Hold / RUN
AG-755-2.5		-126		1153				(X)			Hold / RUN
AG-785-5.0		-127		1158							Hold
AG-14NW1-0.5		-128		0856				X			
AG-14NW1-2.5		-129		0858				(X)			Hold / RUN
AG-14NE1-0.5		-130		0904				X			
AG-14NE1-2.5		-131		0901				(X)			Hold / RUN
AG-14S1-0.5		-132		0914				X			
AG-14S1-2.5		-133		0911				(X)			Hold / RUN
AG-14NW5-0.5		-134		0848				X			
AG-14NW5-2.5		-135		0846				(X)			Hold / RUN
AG-14NE5-0.5		-136		0828				X			
AG-14NE5-2.5		-137		0830				(X)			Hold / RUN
AG-14S5-0.5		-138		0925				X			
AG-14S5-2.5		-139		0925				(X)			Hold / RUN

Company Name: Leighton Consulting

Address: 10532 Arroyo St Ste B6

City/State/Zip: Rancho Cucamonga, CA 91730

Project Contact: Richard Orr

Tel: (909) 484-7205

Fax: (909) 484-2170

Sampler's Signature: [Signature]

Project Name/ID: 10084.002

Relinquished by: [Signature]

Received by: [Signature]

Date & Time: 6/26/13 1700

Instructions for Sample Storage After Analysis:
 Dispose of Return to Client Store (30 Days)
 Other:

Relinquished by:

Received by:

Date & Time:

Relinquished by:

Received by:

Date & Time:

CHAIN OF CUSTODY RECORD

Date: 6/26/13

WHITE WITH SAMPLE - YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE	SAMPLING TIME	MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required		COMMENTS
AG-17NW1-0.5	13066-140	6/26/13	1014	Soil	1	100	X			
AG-17NW1-2.5	-141		1012				X			Hold / RUN
AG-17NE1-0.5	-142		1005				X			
AG-17NE1-2.5	-143		1007							Hold
AG-17S1-0.5	-144		1017				X			
AG-17S1-2.5	-145		1019				X			Hold / RUN
AG-17NW5-0.5	-146		0931				X			Hold / RUN
AG-17NW5-2.5	-147		0933				X			Hold / RUN
AG-17NE5-0.5	-148		0945							Hold
AG-17NE5-2.5	-149		1001							Hold
AG-17S5-0.5	-150		0959				X			Hold / RUN
AG-17S5-2.5	-151		0948				X			Hold / RUN
AG-104-5.0	-152		1122				X			
AG-104NE1-0.5	-153		1045				X			
AG-104NE1-2.5	-154		1047				X			

Company Name: <u>Leighton Consulting</u>		Project Contact: <u>Richard Orr</u>		Sampler's Signature:	
Address: <u>10532 Acacia St Ste B-6</u>		Tel: <u>(909) 484-2205</u>		Project Name/ID:	
City/State/Zip: <u>Rancho Cucamonga, CA 91730</u>		Fax: <u>(909) 484-2170</u>		<u>10084.002</u>	
Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>6/26/13 1700</u>	Instructions for Sample Storage After Analysis:		
Relinquished by:	Received by:	Date & Time:	<input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days)		
Relinquished by:	Received by:	Date & Time:	<input type="radio"/> Other:		

CHAIN OF CUSTODY RECORD

Date: _____

WHITE WITH SAMPLE - YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
 CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Misc.	Analysis Required	COMMENTS
		DATE	TIME							
AG-10455-2.5	20076-15	6/26/13	1105	soil	1	ice				Hold / Run
AG-10555-0.5	16		1322							Hold / Run
AG-10555-2.5	17		1324							Hold / Run
AG-114NW5-0.5	18		0849							Hold
AG-114NE5-0.5	19		0829							Hold
AG-114S5-0.5	20		0925							Hold
200-3	21		1355						X	

Company Name: <i>Leighton Consulting</i>	Project Contact: <i>Richard O...</i>	Sample's Signature: <i>[Signature]</i>
Address: <i>10532 Avenida St Ste B6</i>	Tel: <i>(909) 484-2225</i>	Project Name/ID: <i>10084.001</i>
City/State/Zip: <i>Rancho Cucamonga, CA 91730</i>	Fax: <i>(909) 484-2192</i>	
Relinquished by: <i>[Signature]</i>	Received by: <i>[Signature]</i>	Instructions for Sample Storage After Analysis: <input type="checkbox"/> Dispose of <input type="checkbox"/> Return to Client <input type="checkbox"/> Store (30 Days) <input type="checkbox"/> Other:
Relinquished by:	Received by:	
Relinquished by:	Received by:	

CHAIN OF CUSTODY RECORD

Date: 6/26/13

WHITE WITH SAMPLE - YELLOW TO CLIENT

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: June 18, 2013

Mr. Richard Orr
Leighton Consulting
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

Project: **Pioneer MS**
Project No.: **10084.002**
Location: **10800 Bon Avon, Whittier, CA 90606**
Lab I.D.: **130614-48 through -104**

Dear Mr. Orr:

The **analytical results** for the soil and water samples, received by our lab on June 14, 2013, are attached. The samples were received chilled, intact and with chain of custody record.

Trace concentrations between the MDL and the PQL have been reported with a "J" flag indicator.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,

Curtis Desilets
Vice President/Program Manger


Andy Wang
Laboratory Manager

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: **Pioneer MS** PROJECT No.: **10084.002**

LOCATION: **10800 Bon Avon, Whittier, CA 90606**

MATRIX: SOIL DATE RECEIVED: 06/14/13

SAMPLING DATE: 06/14/13 DATE ANALYZED: 06/17/13

REPORT TO: Mr. RICHARD ORR DATE REPORTED: 06/18/13

EPA 6010B FOR TTLC-ARSENIC; PAGE 1 OF 3
 UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ARSENIC RESULT	DF
AG-1-0.5	130614-48	8.68	1
AG-1-2.5	130614-49	10.8	1
AG-2-0.5	130614-50	11.7	1
AG-2-2.5	130614-51	9.79	1
AG-3-0.5	130614-52	9.35	1
AG-3-2.5	130614-53	9.41	1
AG-4-0.5	130614-54	11.8	1
AG-4-2.5	130614-55	15.4	1
AG-5-0.5	130614-56	9.60	1
AG-5-2.5	130614-57	17.1	1
AG-105-0.5	130614-58	8.42	1
AG-105-2.5	130614-59	13.5	1
AG-6-0.5	130614-60	4.08	1
AG-6-2.5	130614-61	5.12	1
AG-106-0.5	130614-62	5.09	1
AG-106-2.5	130614-63	6.44	1
AG-7-0.5	130614-64	8.94	1
AG-7-2.5	130614-65	11.6	1
AG-107-0.5	130614-66	10.7	1
AG-107-2.5	130614-67	15.6	1
Method Blank	---	ND	1

MDL **0.248**
PQL **0.30**

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 J = Trace Concentration between MDL and PQL
 Actual Detection Limit = PQL X DF
 ND = Below the Actual Detection Limit or non-detected
 TTLC = Total Threshold Limit Concentration
 STLC = Soluble Threshold Limit Concentration
 STLC Limit for Arsenic = 5 PPM
 * = STLC analysis is recommended (if marked)
 *** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: *AV*
 CAL-DHS ELAP CERTIFICATE No.: 1555

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002

LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL

DATE RECEIVED: 06/14/13

SAMPLING DATE: 06/14/13

DATE ANALYZED: 06/17/13

REPORT TO: Mr. RICHARD ORR

DATE REPORTED: 06/18/13

EPA 6010B FOR TTLC-ARSENIC; PAGE 2 OF 3
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include samples AG-8-0.5 through AG-16-2.5 and a Method Blank row.

MDL 0.248
PQL 0.30

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

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PROJECT: Pioneer MS PROJECT No.: 10084.002

LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL

DATE RECEIVED: 06/14/13

SAMPLING DATE: 06/14/13

DATE ANALYZED: 06/17/13

REPORT TO: Mr. RICHARD ORR

DATE REPORTED: 06/18/13

EPA 6010B FOR TTLC-ARSENIC; PAGE 3 OF 3
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include AG-17-0.5, AG-17-2.5, AG-18-0.5, AG-18-2.5, ST-4NW1-0.5, ST-4NW1-2.5, ST-4NE1-0.5, ST-4NE1-2.5, ST-4SE1-0.5, ST-4SE1-2.5, and Method Blank.

MDL 0.248
PQL 0.30

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/17/2013

Unit : *Mg/KG(ppm)*

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130614-62	1.00	100	PASS	5.09	50.0	50.2	90%	53.1	96%	6%

ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: *An*

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/17/2013

Unit : Mg/KG(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130614-28	1.00	99	PASS	0.710	50.0	49.6	98%	46.3	91%	7%

ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: 

FINAL REVIEWER: 

QA/QC for TILC Metals Analysis --WATER MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/17/2013

Unit : mg/L(ppm)

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130614-104	1.00	101	PASS	0	1.00	0.967	97%	0.985	99%	2%
Chromium(Cr)	130614-104	1.00	99	PASS	0	1.00	0.970	97%	0.989	99%	2%
Zinc(Zn)	130614-104	1.00	106	PASS	0	1.00	1.03	103%	1.05	105%	2%

ANALYSIS DATE. : 6/17/2013

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130614-45	0.00250	96	PASS	0	0.00250	0.00210	84%	0.00210	84%	0%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Zinc(Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____ 

FINAL REVIEWER: _____ 

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL DATE RECEIVED: 06/14/13
SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/18/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: C-1-0.5
LAB I.D.: 130614-48, -50, -52, -54 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc., with their respective results and limits.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature/initials

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

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LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX:SOIL DATE RECEIVED:06/14/13
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REPORT TO:Mr. RICHARD ORR DATE ANALYZED:06/18/13
DATE REPORTED:06/18/13

SAMPLE I.D.: C-1-2.5
LAB I.D.: 130614-49, -51, -53, -55 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc., with their respective results and limits.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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MATRIX: SOIL DATE RECEIVED: 06/14/13
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REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: C-2-0.5
LAB I.D.: 130614-56, -60, -64, -68 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc., with their respective results and limits.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL DATE RECEIVED: 06/14/13
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REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: C-2-2.5
LAB I.D.: 130614-57, -61, -65, -69 (Composite)

Organochlorine Pesticides Analysis
method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc., with their respective results and limits.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
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10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL DATE RECEIVED: 06/14/13
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REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: C-102-0.5
LAB I.D.: 130614-58, -62, -66, -70 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Rows include Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, Toxaphene.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature/initials 'AR' over a horizontal line.

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

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10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL DATE RECEIVED: 06/14/13
SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: C-102-2.5
LAB I.D.: 130614-59, -63, -67, -71 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc., with their respective results and limits.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL

DATE RECEIVED: 06/14/13

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DATE EXTRACTED: 06/14/13

REPORT TO: Mr. RICHARD ORR

DATE ANALYZED: 06/17/13

DATE REPORTED: 06/18/13

SAMPLE I.D.: C-3-0.5

LAB I.D.: 130614-72, -74, -76, -78 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, and Toxaphene.

COMMENTS:

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

J = Trace Concentration between MDL and PQL

ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:

CAL-DHS CERTIFICATE # 1555

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MATRIX: SOIL

SAMPLING DATE: 06/14/13

REPORT TO: Mr. RICHARD ORR

DATE RECEIVED: 06/14/13

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DATE ANALYZED: 06/17/13

DATE REPORTED: 06/18/13

SAMPLE I.D.: C-3-2.5

LAB I.D.: 130614-73, -75, -77, -79 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Rows include Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, Toxaphene.

COMMENTS:

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

J = Trace Concentration between MDL and PQL

ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:

CAL-DHS CERTIFICATE # 1555

Handwritten signature 'AW' over a horizontal line.

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

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PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL DATE RECEIVED: 06/14/13
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REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: C-4-0.5
LAB I.D.: 130614-80, -82, -84 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc., with their respective results and limits.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002

LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL

SAMPLING DATE: 06/14/13

REPORT TO: Mr. RICHARD ORR

DATE RECEIVED: 06/14/13

DATE EXTRACTED: 06/14/13

DATE ANALYZED: 06/17/13

DATE REPORTED: 06/18/13

SAMPLE I.D.: C-4-2.5

LAB I.D.: 130614-81, -83, -85 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, Toxaphene.

COMMENTS:

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

J = Trace Concentration between MDL and PQL

ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:

CAL-DHS CERTIFICATE # 1555

Handwritten signature

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PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL DATE RECEIVED: 06/14/13
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REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: C-5-0.5
LAB I.D.: 130614-86, -88, -90 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, Toxaphene.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: C-5-2.5
LAB I.D.: 130614-87, -89, -91 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc., with results mostly ND.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature/initials

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002

LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL

SAMPLING DATE: 06/14/13

REPORT TO: Mr. RICHARD ORR

DATE RECEIVED: 06/14/13

DATE EXTRACTED: 06/14/13

DATE ANALYZED: 06/17/13

DATE REPORTED: 06/18/13

METHOD BLANK FOR LAB I.D.:

130614-48, -50, -52, -54 (COMPOSITE), 130614-49, -51, -53, -55 (COMPOSITE),
130614-56, -60, -64, -68 (COMPOSITE), 130614-57, -61, -65, -69 (COMPOSITE),
130614-58, -62, -66, -70 (COMPOSITE), 130614-59, -63, -67, -71 (COMPOSITE),
130614-72, -74, -76, -78 (COMPOSITE), 130614-73, -75, -77, -79 (COMPOSITE),
130614-80, -82, -84 (COMPOSITE), 130614-81, -83, -85 (COMPOSITE),
130614-86, -88, -90 (COMPOSITE), 130614-87, -89, -91 (COMPOSITE)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Rows include Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, Toxaphene.

COMMENTS:

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

J = Trace Concentration between MDL and PQL

ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:

CAL-DHS CERTIFICATE # 1555

Handwritten signature

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix: **Soil/Solid/Liquid(Oil)**

Date Analyzed: **6/17/2013**

Unit: **mg/Kg (ppm)**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **130614-86.88.90 MS/MSD**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.0500	0.0540	108%	0.0536	107%	1%	0-20%	70-130
Aldrin	0.000	0.0500	0.0463	93%	0.0543	109%	16%	0-20%	70-130
4,4-DDE	0.000	0.0500	0.0609	122%	0.0618	124%	1%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00543	109%	75-125
Aldrin	0.00500	0.00534	107%	75-125
4,4-DDE	0.00500	0.00513	103%	75-125
Dieldrin	0.00500	0.00539	108%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	130614- 48.50.52.54	130614- 49.51.53.55	130614- 56.60.64.68	130614- 57.61.65.69	130614- 58.62.66.70	130614- 59.63.67.71	
Tetra-chloro-meta-xylene	50-150	118%	133%	105%	110%	108%	101%	100%	
Decachlorobiphenyl	50-150	93%	100%	110%	114%	100%	97%	100%	

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		130614- 72.74.76.78	130614- 73.75.77.79	130614- 80.82.84	130614- 81.83.85	130614- 86.88.90	130614- 87.89.91	130613-24	
Tetra-chloro-meta-xylene	50-150	105%	111%	130%	101%	93%	101%	133%	
Decachlorobiphenyl	50-150	98%	105%	109%	99%	128%	88%	122%	

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		130613-25	130613-26	130613-27	130613-28	130613-29	130613-30	130613-31	
Tetra-chloro-meta-xylene	50-150	100%	99%						
Decachlorobiphenyl	50-150	92%	150%						

S.R. = Sample Result

* = Surrogate fail due to matrix interference (If Marked)

spk conc = Spike Concentration

Note: LCS, MS, MSD are in control therefore results are in control.

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: B

Final Reviewer: A

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: WATER DATE RECEIVED: 06/14/13
SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: 200-1
LAB I.D.: 130614-104

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: ug/L = Microgram per Liter = PPB

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc., with their respective results (mostly ND) and limits.

COMMENTS

DF = Dilution Factor
MDL = Method Detection Limit
Actual Detection Limit = PQL X DF
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature/initials.

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: WATER DATE RECEIVED: 06/14/13
SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

METHOD BLANK FOR LAB I.D.: 130614-104

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: ug/L = Microgram per Liter = PPB

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides and their detection limits.

COMMENTS

DF = Dilution Factor
MDL = Method Detection Limit
Actual Detection Limit = PQL X DF
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 608 QA/QC Report

Matrix: **Water/Liquid**
Unit: **ug/L**

Date Analyzed: **6/17/2013**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: **130614-104 MS/MSD**

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0	5.00	5.12	102%	5.31	106%	4%	0-20%	70-130
Aldrin	0	5.00	4.91	98%	5.07	101%	3%	0-20%	70-130
4,4-DDE	0	5.00	5.76	115%	5.04	101%	13%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.500	0.488	98%	75-125
Aldrin	0.500	0.488	98%	75-125
4,4-DDE	0.500	0.536	107%	75-125
Dieldrin	0.500	0.545	109%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		M-BLK	130614-104						
Tetra-chloro-meta-xylene	50-150	109%	106%						
Decachlorobipneyl	50-150	113%	50%						

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.									
Tetra-chloro-meta-xylene									
Decachlorobipneyl									

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
Tetra-chloro-meta-xylene						
Decachlorobipneyl						

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: EB

* = Surrogate fail due to matrix interference

Note: LCS, MS, MSD are In control therefore results are in control.

Final Reviewer: AW

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
 CA-DHS ELAP CERTIFICATE # 1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS					
AG-1-0.5	130614-48	6/14/13	1255	Soil	1	ice		X	X													C-1-0.5 OCPs	
AG-1-2.5	-49		1259					X	X														C-1-2.5
AG-2-0.5	-50		1310					X	X														C-1-0.5
AG-2-2.5	-51		1312					X	X														C-1-2.5
AG-3-0.5	-52		1244					X	X														C-1-0.5
AG-3-2.5	-53	↓	1247	↓	↓	↓		X	X														C-1-2.5
AG-103-0.5																							
AG-103-2.5																							
AG-4-0.5	-54	6/14/13	1256	Soil	1	ice		X	X														C-1-0.5
AG-4-2.5	-55		1238					X	X														C-1-2.5
AG-5-0.5	-56		1309					X	X														C-2-0.5
AG-5-2.5	-57		1314					X	X														C-2-2.5
AG-105-0.5	-58		1311					X	X														C-102-0.5
AG-105-2.5	-59	↓	1317	↓	↓	↓		X	X														C-102-2.5

Company Name: <u>Leighton Consulting</u>		Project Contact: <u>Richard Orr</u>		Sampler's Signature: <u>[Signature]</u>	
Address: <u>10532 Acoela St Ste 136</u>		Tel: <u>(909) 484-2205</u>		Project Name/ID: <u>10089.002</u> <u>Placer HS</u> <u>10500 Ben Ave</u> <u>Whittier CA</u> <u>90606</u>	
City/State/Zip: <u>Rancho Cucamonga CA 91730</u>		Fax: <u>(909) 484-2170</u>			
Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>6/14/13 1627</u>	Instructions for Sample Storage After Analysis:		
Relinquished by:	Received by:	Date & Time:	<input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days)		
Relinquished by:	Received by:	Date & Time:	<input type="radio"/> Other:		

CHAIN OF CUSTODY RECORD

Date: 6/14/13

WHITE WITH SAMPLE · YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
 CA-DHS ELAP CERTIFICATE # 1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

RUSH

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS			
		DATE	TIME																		
AG-6-0.5	130614-60	6/14/13	1324	Soil	1	at	ice	X	X												C-2-0.5
AG-6-2.5	-61		1322					X	X												C-2-2.5
AG-106-0.5	-62		1307					X	X												C-102-0.5
AG-106-2.5	-63		1334					X	X												C-102-2.5
AG-7-0.5	-64		1220					X	X												C-2-0.5
AG-7-2.5	-65		1226					X	X												C-2-2.5
AG-107-0.5	-66		1223					X	X												C-102-0.5
AG-107-2.5	-67		1224					X	X												C-102-2.5
AG-8-0.5	-68		1205					X	X												C-2-0.5
AG-8-2.5	-69		1207					X	X												C-2-2.5
AG-108-0.5	-70		1210					X	X												C-102-0.5
AG-108-2.5	-71		1213					X	X												C-102-2.5
AG-9-0.5	-72		1357					X	X												C-3-0.5
AG-9-2.5	-79	↓	1334	↓	↓			X	X												C-3-2.5

Company Name: <u>Lectra Consulting</u>		Project Contact: <u>Richard Orr</u>		Sampler's Signature: <u>[Signature]</u>	
Address: <u>10532 Acacia St Ste B6</u>		Tel: <u>(909) 484-2205</u>		Project Name/ID: <u>10084.002</u>	
City/State/Zip: <u>Rancho Cucamonga, CA 91730</u>		Fax: <u>(909) 484-2170</u>			
Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>6/14/13 1:57</u>	Instructions for Sample Storage After Analysis:		
Relinquished by:	Received by:	Date & Time:	<input type="checkbox"/> Dispose of <input type="checkbox"/> Return to Client <input type="checkbox"/> Store (30 Days)		
Relinquished by:	Received by:	Date & Time:	<input type="checkbox"/> Other:		

CHAIN OF CUSTODY RECORD

Date: 6/14/13

WHITE WITH SAMPLE - YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories

1214 E. Lexington Avenue,

Pomona, CA 91766

Tel: (909) 590-5905 Fax: (909) 590-5907

CA-DHS ELAP CERTIFICATE #1555

Turnaround Time

- Same Day
- 24 Hours
- 48 Hours
- 72 Hours
- 1 Week (Standard)
- Other:



SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required		COMMENTS
		DATE	TIME					As	OCPs	
AG-10-0.5	13614-74	6/14/13	1347	Soil	1		Ice	X	X	C-3-0.5
AG-10-2.5	-75		1349					X	X	C-3-2.5
AG-11-0.5	-76		1200					X	X	C-3-0.5
AG-11-2.5	-77		1202					X	X	C-3-2.5
AG-12-0.5	-78		1152 1154					X	X	C-3-0.5
AG-12-2.5	-79		1152 1154					X	X	C-3-2.5
AG-13-0.5	-80		0951					X	X	C-4-0.5
AG-13-2.5	-81		0953					X	X	C-4-2.5
AG-14-0.5	-82		0956					X	X	C-4-0.5
AG-14-2.5	-83		0954					X	X	C-4-2.5
AG-15-0.5	-84		1003					X	X	C-4-0.5
AG-15-2.5	-85		1011					X	X	C-4-2.5
AG-16-0.5	-86		1020					X	X	C-5-0.5
AG-16-2.5	-87		1022					X	X	C-5-2.5

Misc.
Composite
OCP analyses
as shown
below

Company Name: <u>Leighton Consulting</u>		Project Contact: <u>Richard Orr</u>		Sampler's Signature: <u>[Signature]</u>	
Address: <u>10532 Acacia St Ste B6</u>		Tel: <u>(909) 484-2205</u>		Project Name/ID: <u>10084.002</u>	
City/State/Zip: <u>Rancho Cucamonga CA 91730</u>		Fax: <u>(909) 484-2170</u>			
Relinquished by: <u>[Signature]</u>	Received by: <u>[Signature]</u>	Date & Time: <u>6/14/13 1627</u>	Instructions for Sample Storage After Analysis:		
Relinquished by:	Received by:	Date & Time:	<input type="radio"/> Dispose of <input type="radio"/> Return to Client <input type="radio"/> Store (30 Days)		
Relinquished by:	Received by:	Date & Time:	<input type="radio"/> Other:		

CHAIN OF CUSTODY RECORD

Date: 6/14/13

WHITE WITH SAMPLE • YELLOW TO CLIENT

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required				COMMENTS
		DATE	TIME									
AG-17-0.5	130614-88	6/14/13	1032	Soil	1	ICC	X	X				C-5-0.5
AG-17-2.5	-89		1035				X	X				C-5-2.5
AG-18-0.5	-90		1045				X	X				C-5-0.5
AG-18-2.5	-91		1048				X	X				C-5-2.5
ST-4NW1-0.5	-92		0905				X					
ST-4NW1-2.5	-93		0907				X					
ST-4NE1-0.5	-94		0914				X					
ST-4NE1-2.5	-95		0916				X					
ST-4SE1-0.5	-96		0918				X					
ST-4SE1-2.5	-97		0920				X					
ST-4NW5-0.5	-98		0924									Hold
ST-4NW5-2.5	-99		0926									Hold
ST-4NE5-0.5	-100		0934									Hold
ST-4NE5-2.5	-101		0936									Hold
ST-4SE5-0.5	-102	↓	0940	↓	↓	↓						Hold

Misc.
 Composite OCP
 analyses as
 shown below

As
 OCPs

Company Name: Leighton Consulting
 Address: 10532 Acacia St Ste B6
 City/State/Zip: Rancho Cucamonga CA 91730

Project Contact: Richard Orr
 Tel: (909) 484-2205
 Fax: (909) 484-2170

Sampler's Signature: [Signature]
 Project Name/ID: 10084.002

Relinquished by: [Signature]
 Relinquished by:
 Relinquished by:

Received by: [Signature]
 Received by:
 Received by:

Date & Time: 6/14/13 1627
 Date & Time:
 Date & Time:

Instructions for Sample Storage After Analysis:
 Dispose of Return to Client Store (30 Days)
 Other:

CHAIN OF CUSTODY RECORD

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

RUSH

SAMPLE ID	LAB ID	SAMPLING DATE TIME		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required										COMMENTS						
		DATE	TIME					As	OCP ₃															
ST45 ST-4SES-25 200-1	12614-103	6/14/13	0947	Soil	1		ICC HNO ₃	<input checked="" type="checkbox"/>															Hold	
	-102	6/14/13	1430	Water	2			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>															

Company Name: <u>Leighton Consulting</u>			Project Contact: <u>Richard Orr</u>			Sampler's Signature: <u>[Signature]</u>		
Address: <u>10532 Acacia St Ste B6</u>			Tel: <u>(909) 484-2205</u>			Project Name/ID: <u>10084.002</u>		
City/State/Zip: <u>Rancho Cucamonga, CA 91730</u>			Fax: <u>(909) 484-2170</u>					
Relinquished by: <u>[Signature]</u>		Received by: <u>[Signature]</u>		Date & Time: <u>6/14/13 1627</u>		Instructions for Sample Storage After Analysis: <input type="checkbox"/> Dispose of <input type="checkbox"/> Return to Client <input type="checkbox"/> Store (30 Days) <input type="checkbox"/> Other:		
Relinquished by:		Received by:		Date & Time:				
Relinquished by:		Received by:		Date & Time:				

CHAIN OF CUSTODY RECORD

Date: 6/14/13

WHITE WITH SAMPLE • YELLOW TO CLIENT



P.O. BOX 5387 | FULLERTON, CA 92838
(714) 449-9937 | FAX (714) 449-9685

**JONES ENVIRONMENTAL
LABORATORY RESULTS**

Client:	Leighton Consulting, Inc.	Report date:	6/17/2013
Client Address:	17781 Cowan Irvine, CA 92614	JEL Ref. No.:	B-5467
		Client Ref. No.:	10084.002
Attn:	Richard Orr	Date Sampled:	6/14/2013
		Date Received:	6/14/2013
Project Name:	WUHSD Pioneer High School SSI	Date Analyzed:	6/14/2013
Project Address:	10800 Ben Avon St. Whittier, CA 90605	Physical State:	Soil Gas

ANALYSES REQUESTED

1. EPA 8260B - Volatile Organics by GC/MS + Oxygenates

Sampling – Soil Gas samples were collected in glass gas-tight syringes equipped with Teflon plungers. Tubing placed in the ground for soil gas sampling was purged three different times as recommended by DTSC/RWQCB regulations. This purge test determined how many purges of the soil gas tubing were needed throughout the project. One, three and ten purge volumes were analyzed to make this determination.

A tracer gas mixture of n-propanol and n-pentane was placed at the tubing-surface interface before sampling. These compounds were analyzed during the 8260B analytical run to determine if there were surface leaks into the subsurface due to improper installation of the probe. No n-propanol or n-pentane was found in any of the samples reported herein.

The sampling rate was approximately 200 cc/min except when noted differently on the chain of custody record using a gas tight syringe. A default of 3 purge volumes were used since no compounds above the stated PQL were found.

Prior to purging and sampling of soil gas at each point, a shut-in test was conducted to check for leaks in the above ground fittings. The shut-in test was performed on the above ground apparatus by evacuating the line to a vacuum of 100 inches of water, sealing the entire system and watching the vacuum for some length of time. A vacuum gauge attached in parallel to the apparatus measured the vacuum. If there was any observable loss of vacuum, the fittings were adjusted as needed until the vacuum did not change noticeably. The soil gas sample was then taken.

Analytical – Soil Gas samples were analyzed using EPA Method 8260 that includes extra compounds required by DTSC/RWQCB (such as Freon 113). Instrument Continuing Calibration Verification, QC Reference Standards, Instrument Blanks and Sampling Blanks were analyzed every 12 hours as prescribed by the method. In addition, Matrix Spike (MS) and Matrix Spike Duplicates (MSD) were analyzed with each batch of Soil Gas samples. A duplicate/replicate sample was analyzed each day of the sampling activity.

All samples were analyzed within 30 minutes of sampling.

Approval:

Steve Jones, Ph.D.
Laboratory Manager



P.O. BOX 5387 | FULLERTON, CA 92838
 (714) 449-9937 | FAX (714) 449-9685

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton Consulting, Inc.	Report date:	6/17/2013
Client Address:	17781 Cowan Irvine, CA 92614	JEL Ref. No.:	B-5467
		Client Ref. No.:	10084.002
Attn:	Richard Orr	Date Sampled:	6/14/2013
		Date Received:	6/14/2013
Project:	WUHSD Pioneer High School SSI	Date Analyzed:	6/14/2013
Project Address:	10800 Ben Avon St. Whittier, CA 90605	Physical State:	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	SG-1-15 1P	SG-1-15 3P	SG-1-15 10P	SG-1-5	SG-2-5	<u>Practical Quantitation</u>	<u>Units</u>
<u>JEL ID:</u>	B-5467-01	B-5467-02	B-5467-03	B-5467-04	B-5467-05	<u>Limit</u>	
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

ND= Not Detected

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	SG-1-15 1P	SG-1-15 3P	SG-1-15 10P	SG-1-5	SG-2-5		
<u>JEL ID:</u>	B-5467-01	B-5467-02	B-5467-03	B-5467-04	B-5467-05	<u>Practical Quantitation</u>	<u>Units</u>
Analytes:						<u>Limit</u>	
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.008	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	ND	ND	ND	ND	ND	0.008	µg/L
Toluene	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
Xylenes	ND	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.008	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.008	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.008	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.040	µg/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.008	µg/L
n-pentane	ND	ND	ND	ND	ND	0.008	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	97%	102%	103%	98%	97%	75 - 125	
Toluene-d ₈	96%	96%	98%	97%	94%	75 - 125	
4-Bromofluorobenzene	99%	93%	97%	96%	97%	75 - 125	
	B1-061413- B-5466	B1-061413- B-5466	B1-061413- B-5466	B1-061413- B-5466	B1-061413- B-5466		

ND= Not Detected



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 (714) 449-9937 | FAX (714) 449-9685

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton Consulting, Inc.	Report date:	6/17/2013
Client Address:	17781 Cowan Irvine, CA 92614	JEL Ref. No.:	B-5467
		Client Ref. No.:	10084.002
Attn:	Richard Orr	Date Sampled:	6/14/2013
		Date Received:	6/14/2013
Project:	WUHSD Pioneer High School SSI	Date Analyzed:	6/14/2013
Project Address:	10800 Ben Avon St. Whittier, CA 90605	Physical State:	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	SG-2-15	SG-2-15 REP	<u>Practical Quantitation Limit</u>	<u>Units</u>
<u>JEL ID:</u>	B-5467-06	B-5467-07		
Analytes:				
Benzene	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	0.008	µg/L
Bromoform	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	0.008	µg/L
Chloroethane	ND	ND	0.008	µg/L
Chloroform	ND	ND	0.008	µg/L
Chloromethane	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	0.008	µg/L

ND= Not Detected

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	SG-2-15	SG-2-15 REP		
<u>JEL ID:</u>	B-5467-06	B-5467-07	<u>Practical Quantitation</u>	<u>Units</u>
<u>Analytes:</u>			<u>Limit</u>	
cis-1,3-Dichloropropene	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	0.008	µg/L
Freon 113	ND	ND	0.008	µg/L
Hexachlorobutadiene	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	0.008	µg/L
Naphthalene	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	0.008	µg/L
Styrene	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	0.008	µg/L
Tetrachloroethylene	ND	ND	0.008	µg/L
Toluene	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	0.008	µg/L
Xylenes	ND	ND	0.008	µg/L
MTBE	ND	ND	0.008	µg/L
Ethyl-tert-butylether	ND	ND	0.008	µg/L
Di-isopropylether	ND	ND	0.008	µg/L
tert-amylmethylether	ND	ND	0.008	µg/L
tert-Butylalcohol	ND	ND	0.040	µg/L
TIC:				
n-propanol	ND	ND	0.008	µg/L
n-pentane	ND	ND	0.008	µg/L
Dilution Factor	1	1		
Surrogate Recoveries:			QC Limits	
Dibromofluoromethane	102%	100%	75 - 125	
Toluene-d ₈	98%	95%	75 - 125	
4-Bromofluorobenzene	98%	96%	75 - 125	
	B1-061413- B-5466	B1-061413- B-5466		

ND= Not Detected



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JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton Consulting, Inc.	Report date:	6/17/2013
Client Address:	17781 Cowan Irvine, CA 92614	JEL Ref. No.:	B-5467
		Client Ref. No.:	10084.002
Attn:	Richard Orr	Date Sampled:	6/14/2013
		Date Received:	6/14/2013
Project:	WUHSD Pioneer High School SSI	Date Analyzed:	6/14/2013
Project Address:	10800 Ben Avon St. Whittier, CA 90605	Physical State:	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	<u>METHOD</u>	<u>SAMPLING</u>		
	BLANK	BLANK		
<u>JEL ID:</u>	B-5467-08	B-5467-09	<u>Practical</u>	<u>Units</u>
			<u>Quantitation</u>	
			<u>Limit</u>	
Analytes:				
Benzene	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	0.008	µg/L
Bromoform	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	0.008	µg/L
Chloroethane	ND	ND	0.008	µg/L
Chloroform	ND	ND	0.008	µg/L
Chloromethane	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	0.008	µg/L

ND= Not Detected

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	METHOD BLANK	SAMPLING BLANK		
<u>JEL ID:</u>	B-5467-08	B-5467-09	<u>Practical Quantitation</u>	<u>Units</u>
<u>Analytes:</u>			<u>Limit</u>	
cis-1,3-Dichloropropene	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	0.008	µg/L
Freon 113	ND	ND	0.008	µg/L
Hexachlorobutadiene	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	0.008	µg/L
Naphthalene	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	0.008	µg/L
Styrene	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	0.008	µg/L
Tetrachloroethylene	ND	ND	0.008	µg/L
Toluene	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	0.008	µg/L
Xylenes	ND	ND	0.008	µg/L
MTBE	ND	ND	0.008	µg/L
Ethyl-tert-butylether	ND	ND	0.008	µg/L
Di-isopropylether	ND	ND	0.008	µg/L
tert-amylmethylether	ND	ND	0.008	µg/L
tert-Butylalcohol	ND	ND	0.040	µg/L
TIC:				
n-propanol	ND	ND	0.008	µg/L
n-pentane	ND	ND	0.008	µg/L
Dilution Factor	1	1		
Surrogate Recoveries:			QC Limits	
Dibromofluoromethane	98%	101%	75 - 125	
Toluene-d ₈	98%	95%	75 - 125	
4-Bromofluorobenzene	94%	98%	75 - 125	
	B1-061413- B-5466	B1-061413- B-5466		

ND= Not Detected



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**JONES ENVIRONMENTAL
 QUALITY CONTROL INFORMATION**

Client:	Leighton Consulting, Inc.	Report date:	6/17/2013
Client Address:	17781 Cowan Irvine, CA 92614	JEL Ref. No.:	B-5467
		Client Ref. No.:	10084.002
Attn:	Richard Orr	Date Sampled:	6/14/2013
		Date Received:	6/14/2013
Project:	WUHSD Pioneer High School SSI	Date Analyzed:	6/14/2013
Project Address:	10800 Ben Avon St. Whittier, CA 90605	Physical State:	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked:	Ambient Air		GC#:	B1-061413-B-5466		
JEL ID:	B-5467-11	B-5467-12		B-5467-10		
	MS	MSD		Acceptability		Acceptability
<u>Parameter</u>	<u>Recovery (%)</u>	<u>Recovery (%)</u>	<u>RPD</u>	<u>Range (%)</u>	<u>LCS</u>	<u>Range (%)</u>
1,1-Dichloroethylene	74%	72%	2.5%	70-130	72%	70-130
Benzene	114%	104%	9.5%	70-130	104%	70-130
Trichloroethylene	111%	103%	7.4%	70-130	103%	70-130
Toluene	108%	123%	13%	70-130	108%	70-130
Chlorobenzene	110%	101%	8.5%	70-130	110%	70-130
<u>Surrogate Recovery:</u>						
Dibromofluoromethane	78%	89%		75-125	89%	75-125
Toluene-d ₈	98%	123%		75-125	123%	75-125
4-Bromofluorobenzene	84%	84%		75-125	84%	75-125

Method Blank = Not Detected

MS = Matrix Spike

MSD = Matrix Spike Duplicate

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

Chain-of-Custody Record

Client Leighton

Project Name WUHS Pioneer High School

Project Address 10800 Ben Aron St.
Whittier, CA 90605

Project Contact Richard Orr

Date 06/14/2013

Client Project # 10054.062

SOIL GAS
Purge Number: 1P 3P 7P 10P
Purge Rate: 200 cc/min
Shut in Test Y / N

Tracer:
 n-propanol
 n-pentane
 1,1-DFA
 Helium

Turn Around Requested:
 Immediate Attention
 Rush 24-48 Hours
 Rush 72-96 Hours
 Normal
 Mobile Lab

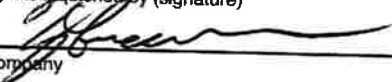
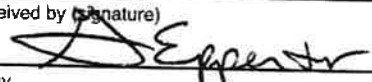
Analysis Requested

JEL Project # B-5467

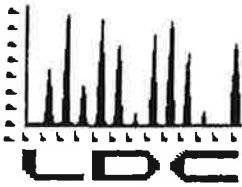
Page 1 of 1

Lab Use Only
Sample Condition as Received:
Chilled yes no
Sealed yes no

Sample ID	Purge Number	Purge Volume	Date	Sample Collection Time	Sample Analysis Time	Laboratory Sample Number	Sample Matrix: Soil (S), Sludge (SL), Aqueous (A), Soil Gas (SG)	Analysis Requested	Number of Containers	Remarks/Special Instructions
SG-1-15 1P	1	444 965	6/14/13	11:00	11:08	B-5467-01	SG X	<10	2	Glass Gas-tight Syringes
SG-1-15 3P	3	1330 2896		11:25	11:28	-02	SG X	<10	2	
SG-1-15 10P	10	4440 9652		11:45	11:47	-03	SG X	<10	2	
SG-1-5	3	1170		12:05	12:08	-04	SG X	<5	2	
SG-2-5	3	2730		12:20	12:23	-05	SG X	<5	2	
SG-2-15	3	2900		12:40	12:42	-06	SG X	<5	2	
SG-2-15 REP	3	2400		12:44	12:52	-07	SG X	<5	2	

1 Relinquished by (signature) 	Date <u>6/14/13</u>	2 Received by (signature) 	Date <u>6/14/13</u>	Total Number of Containers The delivery of samples and the signature on this Chain of Custody form constitutes authorization to perform the analyses specified above under the Terms and Conditions set forth on the back hereof.
Company	Time	Company	Time	
3 Relinquished by (signature)	Date	4 Received by Laboratory (signature)	Date	
Company	Time	Company	Time	

APPENDIX C



Leighton Consulting, Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730
ATTN: Mr. Zachary Freeman

September 24, 2013

SUBJECT: Pioneer High School, Data Validation

Dear Mr. Freeman,

Enclosed is the final validation report for the fraction listed below. This SDG was received on September 20, 2013. Attachment 1 is a summary of the samples that were reviewed for each analysis.

LDC Project # 30446:

<u>SDG #</u>	<u>Fraction</u>
B-5467	Volatiles, Chlorinated Pesticides, Arsenic
130614	
130626	
130816	

The data validation was performed under PARCC Level II guidelines. The analyses were validated using the following documents, as applicable to each method:

- USEPA, Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review, June 2008
- USEPA, Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review, January 2010
- EPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992; update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998; IIIB, November 2004; Update IV, February 2007

SUMMARY OF PARCC CRITERIA

The validation reports present the PARCC results for the SDG. Each PARCC criterion is discussed in the following sections.

Precision and Accuracy

Precision and accuracy were evaluated using data quality indicators such as MS/MSD, LCS, and surrogates. The precision and accuracy of the data set were considered acceptable.

Representativeness

All samples for each method and matrix were evaluated for holding time compliance. All

samples were associated with a method blank in each individual SDG. The representativeness of the project data is considered acceptable.

Comparability

Sampling frequency requirements were met in obtaining duplicates and necessary field blanks. The laboratory used standard analytical methods for their analyses. The analytical results were reported in correct standard units. Holding times, sample preservation, and sample integrity were within QC criteria. The overall comparability is considered acceptable.

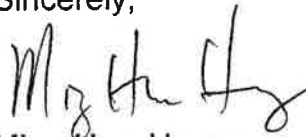
Completeness

Of the 840 total analytes reported, zero of the sample results were rejected. The completeness for all SDGs is as follows:

<u>Parameter/Method</u>	<u>Total Analytes</u>	<u>No. of Rejects</u>	%Completeness
Volatiles	434	0	100
Chlorinated Pesticides	286	0	100
Arsenic	120	0	100
Total	840	0	100

Please feel free to contact us if you have any questions.

Sincerely,



Ming-Hwa Hwang
Project Manager/Senior Chemist

**Laboratory Data Consultants, Inc.
Data Validation Report**

Project/Site Name: Pioneer HS
Collection Date: June 14, 2013
LDC Report Date: September 23, 2013
Matrix: Air
Parameters: Volatiles
Validation Level: EPA Level II
Laboratory: Jones Environmental Inc.
Sample Delivery Group (SDG): B-5467

Sample Identification

SG-1-15 1P
SG-1-15 3P
SG-1-15 10P
SG-1-5
SG-2-5
SG-2-15
SG-2-15 REP

Introduction

This data review covers 7 air samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8260B for Volatiles.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/MS Instrument Performance Check

Instrument performance check data were not reviewed for Level II.

III. Initial Calibration

Initial calibration data were not reviewed for Level II.

IV. Continuing Calibration

Continuing calibration data were not reviewed for Level II.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No volatile contaminants were found in the method blanks.

No field blanks were identified in this SDG.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicates (MSD) analyses were not required by the method.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Internal Standards

Internal standards data were not reviewed for Level II.

XI. Target Compound Identifications

Raw data were not reviewed for this SDG.

XII. Compound Quantitation

Raw data were not reviewed for this SDG.

XIII. Tentatively Identified Compounds (TICs)

Raw data were not reviewed for this SDG.

XIV. System Performance

Raw data were not reviewed for this SDG.

XV. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XVI. Field Duplicates

Samples SG-2-15 and SG-2-15 REP were identified as field duplicates. No volatiles were detected in any of the samples.

**Pioneer HS
Volatiles - Data Qualification Summary - SDG B-5467**

No Sample Data Qualified in this SDG

**Pioneer HS
Volatiles - Laboratory Blank Data Qualification Summary - SDG B-5467**

No Sample Data Qualified in this SDG

**Pioneer HS
Volatiles - Field Blank Data Qualification Summary - SDG B-5467**

No Sample Data Qualified in this SDG



P.O. BOX 5387 | FULLERTON, CA 92838
 (714) 449-9937 | FAX (714) 449-9685

JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton Consulting, Inc.	Report date:	6/17/2013
Client Address:	17781 Cowan Irvine, CA 92614	JEL Ref. No.:	B-5467
		Client Ref. No.:	10084.002
Attn:	Richard Orr	Date Sampled:	6/14/2013
		Date Received:	6/14/2013
Project:	WUHSD Pioneer High School SSI	Date Analyzed:	6/14/2013
Project Address:	10800 Ben Avon St. Whittier, CA 90605	Physical State:	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	SG-1-15 1P	SG-1-15 3P	SG-1-15 10P	SG-1-5	SG-2-5	<u>Practical Quantitation Limit</u>	<u>Units</u>
<u>JEL ID:</u>	B-5467-01	B-5467-02	B-5467-03	B-5467-04	B-5467-05		
Analytes:							
Benzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	ND	ND	ND	0.008	µg/L
Bromoform	ND	ND	ND	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	ND	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Chloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Chloroform	ND	ND	ND	ND	ND	0.008	µg/L
Chloromethane	ND	ND	ND	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	ND	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	ND	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	ND	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L

ND= Not Detected

Jun 09 2013

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	SG-1-15 1P	SG-1-15 3P	SG-1-15 10P	SG-1-5	SG-2-5		
<u>JEL ID:</u>	B-5467-01	B-5467-02	B-5467-03	B-5467-04	B-5467-05	<u>Practical Quantitation</u>	<u>Units</u>
<u>Analytes:</u>						<u>Limit</u>	
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Freon 113	ND	ND	ND	ND	ND	0.008	µg/L
Hexachlorobutadiene	ND	ND	ND	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	ND	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	ND	ND	ND	0.008	µg/L
Naphthalene	ND	ND	ND	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Styrene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Tetrachloroethylene	ND	ND	ND	ND	ND	0.008	µg/L
Toluene	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	ND	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	ND	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	ND	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	ND	ND	ND	0.008	µg/L
Xylenes	ND	ND	ND	ND	ND	0.008	µg/L
MTBE	ND	ND	ND	ND	ND	0.008	µg/L
Ethyl-tert-butylether	ND	ND	ND	ND	ND	0.008	µg/L
Di-isopropylether	ND	ND	ND	ND	ND	0.008	µg/L
tert-amylmethylether	ND	ND	ND	ND	ND	0.008	µg/L
tert-Butylalcohol	ND	ND	ND	ND	ND	0.040	µg/L
TIC:							
n-propanol	ND	ND	ND	ND	ND	0.008	µg/L
n-pentane	ND	ND	ND	ND	ND	0.008	µg/L
Dilution Factor	1	1	1	1	1		
Surrogate Recoveries:						QC Limits	
Dibromofluoromethane	97%	102%	103%	98%	97%	75 - 125	
Toluene-d ₈	96%	96%	98%	97%	94%	75 - 125	
4-Bromofluorobenzene	99%	93%	97%	96%	97%	75 - 125	
	B1-061413- B-5466	B1-061413- B-5466	B1-061413- B-5466	B1-061413- B-5466	B1-061413- B-5466		

ND= Not Detected

44092413



JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton Consulting, Inc.	Report date:	6/17/2013
Client Address:	17781 Cowan Irvine, CA 92614	JEL Ref. No.:	B-5467
		Client Ref. No.:	10084.002
Attn:	Richard Orr	Date Sampled:	6/14/2013
		Date Received:	6/14/2013
Project:	WUHSD Pioneer High School SSI	Date Analyzed:	6/14/2013
Project Address:	10800 Ben Avon St. Whittier, CA 90605	Physical State:	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	SG-2-15	SG-2-15 REP	<u>Practical Quantitation Limit</u>	<u>Units</u>
<u>JEL ID:</u>	B-5467-06	B-5467-07		
Analytes:				
Benzene	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	0.008	µg/L
Bromoform	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	0.008	µg/L
Chloroethane	ND	ND	0.008	µg/L
Chloroform	ND	ND	0.008	µg/L
Chloromethane	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	0.008	µg/L
1,2-Dichlorobenzene	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	0.008	µg/L

ND= Not Detected

14092413

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	SG-2-15	SG-2-15 REP		
<u>JEL ID:</u>	B-5467-06	B-5467-07	<u>Practical Quantitation</u>	<u>Units</u>
<u>Analytes:</u>			<u>Limit</u>	
cis-1,3-Dichloropropene	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	0.008	µg/L
Freon 113	ND	ND	0.008	µg/L
Hexachlorobutadiene	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	0.008	µg/L
Naphthalene	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	0.008	µg/L
Styrene	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	0.008	µg/L
Tetrachloroethylene	ND	ND	0.008	µg/L
Toluene	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	0.008	µg/L
Xylenes	ND	ND	0.008	µg/L
MTBE	ND	ND	0.008	µg/L
Ethyl-tert-butylether	ND	ND	0.008	µg/L
Di-isopropylether	ND	ND	0.008	µg/L
tert-amylmethylether	ND	ND	0.008	µg/L
tert-Butylalcohol	ND	ND	0.040	µg/L
TIC:				
n-propanol	ND	ND	0.008	µg/L
n-pentane	ND	ND	0.008	µg/L
Dilution Factor	1	1		
Surrogate Recoveries:			QC Limits	
Dibromofluoromethane	102%	100%	75 - 125	
Toluene-d ₈	98%	95%	75 - 125	
4-Bromofluorobenzene	98%	96%	75 - 125	
	B1-061413- B-5466	B1-061413- B-5466		

ND= Not Detected

1440924/3



JONES ENVIRONMENTAL LABORATORY RESULTS

Client:	Leighton Consulting, Inc.	Report date:	6/17/2013
Client Address:	17781 Cowan Irvine, CA 92614	JEL Ref. No.:	B-5467
		Client Ref. No.:	10084.002
Attn:	Richard Orr	Date Sampled:	6/14/2013
		Date Received:	6/14/2013
Project:	WUHSD Pioneer High School SSI	Date Analyzed:	6/14/2013
Project Address:	10800 Ben Avon St. Whittier, CA 90605	Physical State:	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	<u>METHOD</u>	<u>SAMPLING</u>		
	<u>BLANK</u>	<u>BLANK</u>		
<u>JEL ID:</u>	<u>B-5467-08</u>	<u>B-5467-09</u>	<u>Practical</u>	<u>Units</u>
			<u>Quantitation</u>	
<u>Analytes:</u>			<u>Limit</u>	
Benzene	ND	ND	0.008	µg/L
Bromobenzene	ND	ND	0.008	µg/L
Bromodichloromethane	ND	ND	0.008	µg/L
Bromoform	ND	ND	0.008	µg/L
n-Butylbenzene	ND	ND	0.008	µg/L
sec-Butylbenzene	ND	ND	0.008	µg/L
tert-Butylbenzene	ND	ND	0.008	µg/L
Carbon tetrachloride	ND	ND	0.008	µg/L
Chlorobenzene	ND	ND	0.008	µg/L
Chloroethane	ND	ND	0.008	µg/L
Chloroform	ND	ND	0.008	µg/L
Chloromethane	ND	ND	0.008	µg/L
2-Chlorotoluene	ND	ND	0.008	µg/L
4-Chlorotoluene	ND	ND	0.008	µg/L
Dibromochloromethane	ND	ND	0.008	µg/L
1,2-Dibromo-3-chloropropane	ND	ND	0.008	µg/L
1,2-Dibromoethane (EDB)	ND	ND	0.008	µg/L
Dibromomethane	ND	ND	0.008	µg/L
1,2- Dichlorobenzene	ND	ND	0.008	µg/L
1,3-Dichlorobenzene	ND	ND	0.008	µg/L
1,4-Dichlorobenzene	ND	ND	0.008	µg/L
Dichlorodifluoromethane	ND	ND	0.008	µg/L
1,1-Dichloroethane	ND	ND	0.008	µg/L
1,2-Dichloroethane	ND	ND	0.008	µg/L
1,1-Dichloroethene	ND	ND	0.008	µg/L
cis-1,2-Dichloroethene	ND	ND	0.008	µg/L
trans-1,2-Dichloroethene	ND	ND	0.008	µg/L
1,2-Dichloropropane	ND	ND	0.008	µg/L
1,3-Dichloropropane	ND	ND	0.008	µg/L
2,2-Dichloropropane	ND	ND	0.008	µg/L
1,1-Dichloropropene	ND	ND	0.008	µg/L

ND= Not Detected

144092413

JONES ENVIRONMENTAL LABORATORY RESULTS

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

<u>Sample ID:</u>	<u>METHOD</u>	<u>SAMPLING</u>		
	<u>BLANK</u>	<u>BLANK</u>		
<u>JEL ID:</u>	<u>B-5467-08</u>	<u>B-5467-09</u>	<u>Practical</u>	<u>Units</u>
			<u>Quantitation</u>	
<u>Analytes:</u>			<u>Limit</u>	
cis-1,3-Dichloropropene	ND	ND	0.008	µg/L
trans-1,3-Dichloropropene	ND	ND	0.008	µg/L
Ethylbenzene	ND	ND	0.008	µg/L
Freon 113	ND	ND	0.008	µg/L
Hexachlorobutadiene	ND	ND	0.008	µg/L
Isopropylbenzene	ND	ND	0.008	µg/L
4-Isopropyltoluene	ND	ND	0.008	µg/L
Methylene chloride	ND	ND	0.008	µg/L
Naphthalene	ND	ND	0.008	µg/L
n-Propylbenzene	ND	ND	0.008	µg/L
Styrene	ND	ND	0.008	µg/L
1,1,1,2-Tetrachloroethane	ND	ND	0.008	µg/L
1,1,2,2-Tetrachloroethane	ND	ND	0.008	µg/L
Tetrachloroethylene	ND	ND	0.008	µg/L
Toluene	ND	ND	0.008	µg/L
1,2,3-Trichlorobenzene	ND	ND	0.008	µg/L
1,2,4-Trichlorobenzene	ND	ND	0.008	µg/L
1,1,1-Trichloroethane	ND	ND	0.008	µg/L
1,1,2-Trichloroethane	ND	ND	0.008	µg/L
Trichloroethylene	ND	ND	0.008	µg/L
Trichlorofluoromethane	ND	ND	0.008	µg/L
1,2,3-Trichloropropane	ND	ND	0.008	µg/L
1,2,4-Trimethylbenzene	ND	ND	0.008	µg/L
1,3,5-Trimethylbenzene	ND	ND	0.008	µg/L
Vinyl chloride	ND	ND	0.008	µg/L
Xylenes	ND	ND	0.008	µg/L
MTBE	ND	ND	0.008	µg/L
Ethyl-tert-butylether	ND	ND	0.008	µg/L
Di-isopropylether	ND	ND	0.008	µg/L
tert-amylmethylether	ND	ND	0.008	µg/L
tert-Butylalcohol	ND	ND	0.040	µg/L
TIC:				
n-propanol	ND	ND	0.008	µg/L
n-pentane	ND	ND	0.008	µg/L
Dilution Factor	1	1		
Surrogate Recoveries:			QC Limits	
Dibromofluoromethane	98%	101%	75 - 125	
Toluene-d ₈	98%	95%	75 - 125	
4-Bromofluorobenzene	94%	98%	75 - 125	
	B1-061413- B-5466	B1-061413- B-5466		

ND= Not Detected

144092413



**JONES ENVIRONMENTAL
QUALITY CONTROL INFORMATION**

Client:	Leighton Consulting, Inc.	Report date:	6/17/2013
Client Address:	17781 Cowan Irvine, CA 92614	JEL Ref. No.:	B-5467
		Client Ref. No.:	10084.002
Attn:	Richard Orr	Date Sampled:	6/14/2013
		Date Received:	6/14/2013
Project:	WUHSD Pioneer High School SSI	Date Analyzed:	6/14/2013
Project Address:	10800 Ben Avon St. Whittier, CA 90605	Physical State:	Soil Gas

EPA 8260B-Volatile Organics by GC/MS + Oxygenates

Sample Spiked:	Ambient Air		GC#: B1-061413-B-5466			
JEL ID:	B-5467-11	B-5467-12			B-5467-10	
	MS	MSD		Acceptability		Acceptability
Parameter	Recovery (%)	Recovery (%)	RPD	Range (%)	LCS	Range (%)
1,1-Dichloroethylene	74%	72%	2.5%	70-130	72%	70-130
Benzene	114%	104%	9.5%	70-130	104%	70-130
Trichloroethylene	111%	103%	7.4%	70-130	103%	70-130
Toluene	108%	123%	13%	70-130	108%	70-130
Chlorobenzene	110%	101%	8.5%	70-130	110%	70-130
Surrogate Recovery:						
Dibromofluoromethane	78%	89%		75-125	89%	75-125
Toluene-d ₈	98%	123%		75-125	123%	75-125
4-Bromofluorobenzene	84%	84%		75-125	84%	75-125

Method Blank = Not Detected

MS = Matrix Spike

MSD = Matrix Spike Duplicate

RPD = Relative Percent Difference; Acceptability range for RPD is ≤ 15%

144092413

METHOD: GC/MS Volatiles (EPA SW 846 Method 8260B)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 6/14/13
II.	GC/MS Instrument performance check	N	
III.	Initial calibration	N	
IV.	Continuing calibration/ICV	N	
V.	Blanks	A	
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	N	not required
VIII.	Laboratory control samples	A	log
IX.	Regional Quality Assurance and Quality Control	N	
X.	Internal standards	N	
XI.	Target compound identification	N	
XII.	Compound quantitation/RL/LOQ/LODs	N	
XIII.	Tentatively identified compounds (TICs)	N	
XIV.	System performance	N	
XV.	Overall assessment of data	A	
XVI.	Field duplicates	ND	(6,7)
XVII.	Field blanks	N	

Note: A = Acceptable ND = No compounds detected D = Duplicate
 N = Not provided/applicable R = Rinsate TB = Trip blank
 SW = See worksheet FB = Field blank EB = Equipment blank

Validated Samples: Air

1	SG-1-15 1P	11		21		31	
2	SG-1-15 3P	12		22		32	
3	SG-1-15 10P	13		23		33	
4	SG-1-5	14		24		34	
5	SG-2-5	15		25		35	
6	SG-2-15	16		26		36	
7	SG-2-15 REP	17		27		37	
8		18		28		38	
9		19		29		39	
10		20		30		40	

**Laboratory Data Consultants, Inc.
Data Validation Report**

Project/Site Name: Pioneer HS
Collection Date: June 14, 2013
LDC Report Date: September 23, 2013
Matrix: Soil/Water
Parameters: Chlorinated Pesticides
Validation Level: EPA Level II
Laboratory: Enviro-Chem Inc.
Sample Delivery Group (SDG): 130614

Sample Identification

C-1-0.5
C-1-2.5
C-2-0.5
C-2-2.5
C-102-0.5
C-102-2.5
C-3-0.5
C-3-2.5
C-4-0.5
C-4-2.5
C-5-0.5
C-5-2.5
200-1
C-5-0.5MS
C-5-0.5MSD
200-1MS
200-1MSD

Introduction

This data review covers 14 soil samples and 3 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 8081A for Chlorinated Pesticides.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Superfund Organic Methods Data Review (June 2008).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. GC/ECD Instrument Performance Check

Instrument performance check data were not reviewed for Level II.

III. Initial Calibration

Initial calibration data were not reviewed for Level II.

IV. Continuing Calibration

Continuing calibration data were not reviewed for Level II.

V. Blanks

Method blanks were reviewed for each matrix as applicable. No chlorinated pesticide contaminants were found in the method blanks.

Sample 200-1 was identified as an equipment blank. No chlorinated pesticide contaminants were found.

VI. Surrogate Spikes

Surrogates were added to all samples and blanks as required by the method. All surrogate recoveries (%R) were within QC limits.

VII. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Regional Quality Assurance and Quality Control

Not applicable.

X. Florisil Cartridge Check

Florisil cleanup was not required and therefore not performed in this SDG.

XI. GPC Calibration

GPC cleanup was not required and therefore not performed in this SDG.

XII. Target Compound Identification

Raw data were not reviewed for this SDG.

XIII. Compound Quantitation

Raw data were not reviewed for this SDG.

XIV. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XV. Field Duplicates

Samples C-2-0.5 and C-102-0.5 and samples C-2-2.5 and C-102-2.5 were identified as field duplicates. No chlorinated pesticides were detected in any of the samples.

**Pioneer HS
Chlorinated Pesticides - Data Qualification Summary - SDG 130614**

No Sample Data Qualified in this SDG

**Pioneer HS
Chlorinated Pesticides - Laboratory Blank Data Qualification Summary - SDG
130614**

No Sample Data Qualified in this SDG

**Pioneer HS
Chlorinated Pesticides - Field Blank Data Qualification Summary - SDG 130614**

No Sample Data Qualified in this SDG

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL DATE RECEIVED: 06/14/13
SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/18/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: C-1-0.5
LAB I.D.: 130614-48, -50, -52, -54 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, and Toxaphene.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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Handwritten number: 14092913

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002

LOCATION: 10800 Bon Avon, Whittier, CA 90606

DATE RECEIVED: 06/14/13

MATRIX: SOIL

DATE EXTRACTED: 06/14/13

SAMPLING DATE: 06/14/13

DATE ANALYZED: 06/18/13

REPORT TO: Mr. RICHARD ORR

DATE REPORTED: 06/18/13

SAMPLE I.D.: C-1-2.5

LAB I.D.: 130614-49, -51, -53, -55 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0001	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0001	1
alpha-Chlordane	ND	0.001	0.0001	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0001	1
4,4'-DDE	ND	0.001	0.0001	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0001	1
Endosulfan I	ND	0.001	0.0001	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0001	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0001	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor

MDL = Method Detection Limit

PQL = Practical Quantitation Limit

Actual Detection Limit = PQL X DF

J = Trace Concentration between MDL and PQL

ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:

CAL-DHS CERTIFICATE # 1555



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Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002

LOCATION: 10800 Bon Avon, Whittier, CA 90606

DATE RECEIVED: 06/14/13

MATRIX: SOIL

DATE EXTRACTED: 06/14/13

SAMPLING DATE: 06/14/13

DATE ANALYZED: 06/17/13

REPORT TO: Mr. RICHARD ORR

DATE REPORTED: 06/18/13

SAMPLE I.D.: C-2-2.5

LAB I.D.: 130614-57, -61, -65, -69 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, and Toxaphene.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:

CAL-DHS CERTIFICATE # 1555

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Handwritten date: 1/4/09/13

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

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10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL DATE RECEIVED: 06/14/13
SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: C-102-0.5
LAB I.D.: 130614-58, -62, -66, -70 (Composite)

Organochlorine Pesticides Analysis
method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, and Toxaphene.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
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PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL DATE RECEIVED: 06/14/13
SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: C-102-2.5
LAB I.D.: 130614-59, -63, -67, -71 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Technical Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, and Toxaphene.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: **Pioneer MS** PROJECT No.: **10084.002**
 LOCATION: **10800 Bon Avon, Whittier, CA 90606**

MATRIX: SOIL DATE RECEIVED: 06/14/13
 SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
 REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
 DATE REPORTED: 06/18/13

SAMPLE I.D.: **C-3-0.5**
 LAB I.D.: **130614-72, -74, -76, -78 (Composite)**

Organochlorine Pesticides Analysis

method: **EPA 8081A**

Unit: **mg/Kg = Milligram Per Kilogram = PPM**

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0001	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0001	1
alpha-Chlordane	ND	0.001	0.0001	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0001	1
4,4'-DDE	0.001	0.001	0.0001	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0001	1
Endosulfan I	ND	0.001	0.0001	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0001	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0001	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 Actual Detection Limit = PQL X DF
 J = Trace Concentration between MDL and PQL
 ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
 CAL-DHS CERTIFICATE # 1555

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Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

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10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL DATE RECEIVED: 06/14/13
SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

SAMPLE I.D.: C-3-2.5
LAB I.D.: 130614-73, -75, -77, -79 (Composite)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc., with their respective results and limits.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
Actual Detection Limit = PQL X DF
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

Handwritten signature/initials

Handwritten number: 144092413

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel(909)484-2205 Fax(909)484-2170

PROJECT: **Pioneer MS** PROJECT No.: **10084.002**
 LOCATION: **10800 Bon Avon, Whittier, CA 90606**

MATRIX: SOIL DATE RECEIVED: 06/14/13
 SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
 REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
 DATE REPORTED: 06/18/13

SAMPLE I.D.: **C-4-0.5**
 LAB I.D.: **130614-80, -82, -84 (Composite)**

Organochlorine Pesticides Analysis

method: **EPA 8081A**

Unit: **mg/Kg = Milligram Per Kilogram = PPM**

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0001	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0001	1
alpha-Chlordane	ND	0.001	0.0001	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0001	1
4,4'-DDE	0.010	0.001	0.0001	1
4,4'-DDT	0.003	0.001	0.0001	1
Dieldrin	ND	0.001	0.0001	1
Endosulfan I	ND	0.001	0.0001	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0001	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0001	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 Actual Detection Limit = PQL X DF
 J = Trace Concentration between MDL and PQL
 ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
 CAL-DHS CERTIFICATE # 1555

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Jun 09 2013

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: **Pioneer MS** PROJECT No.: **10084.002**
 LOCATION: **10800 Bon Avon, Whittier, CA 90606**

MATRIX: SOIL DATE RECEIVED: 06/14/13
 SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
 REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
 DATE REPORTED: 06/18/13

SAMPLE I.D.: **C-4-2.5**
 LAB I.D.: **130614-81, -83, -85 (Composite)**

Organochlorine Pesticides Analysis
 method: **EPA 8081A**

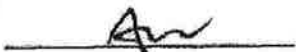
Unit: **mg/Kg = Milligram Per Kilogram = PPM**

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0001	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0001	1
alpha-Chlordane	ND	0.001	0.0001	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0001	1
4,4'-DDE	ND	0.001	0.0001	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0001	1
Endosulfan I	ND	0.001	0.0001	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0001	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0001	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 Actual Detection Limit = PQL X DF
 J = Trace Concentration between MDL and PQL
 ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
 CAL-DHS CERTIFICATE # 1555



1409413

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: **Pioneer MS** PROJECT No.: **10084.002**
 LOCATION: **10800 Bon Avon, Whittier, CA 90606**

MATRIX: SOIL DATE RECEIVED: 06/14/13
 SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
 REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
 DATE REPORTED: 06/18/13

SAMPLE I.D.: **C-5-2.5**
 LAB I.D.: **130614-87, -89, -91 (Composite)**

Organochlorine Pesticides Analysis

method: **EPA 8081A**

Unit: **mg/Kg = Milligram Per Kilogram = PPM**

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0001	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0001	1
alpha-Chlordane	ND	0.001	0.0001	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0001	1
4,4'-DDE	ND	0.001	0.0001	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0001	1
Endosulfan I	ND	0.001	0.0001	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0001	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0001	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 Actual Detection Limit = PQL X DF
 J = Trace Concentration between MDL and PQL
 ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
 CAL-DHS CERTIFICATE # 1555

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Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002

LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: WATER

DATE RECEIVED: 06/14/13

SAMPLING DATE: 06/14/13

DATE EXTRACTED: 06/14/13

REPORT TO: Mr. RICHARD ORR

DATE ANALYZED: 06/17/13

DATE REPORTED: 06/18/13

SAMPLE I.D.: 200-1

LAB I.D.: 130614-104

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: ug/L = Microgram per Liter = PPB

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, gamma-BHC (Lindane), delta-BHC, alpha-Chlordane, gamma-Chlordane, Total Chlordane, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Heptachlor Epoxide, Heptachlor, Methoxychlor, and Toxaphene.

COMMENTS

DF = Dilution Factor

MDL = Method Detection Limit

Actual Detection Limit = PQL X DF

PQL = Practical Quantitation Limit

J = Trace Concentration between MDL and PQL

ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:

CAL-DHS CERTIFICATE # 1555

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Handwritten number '44092413'.

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: **Leighton Consulting**
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: **Pioneer MS** PROJECT No.: 10084.002
 LOCATION: **10800 Bon Avon, Whittier, CA 90606**

MATRIX: SOIL DATE RECEIVED: 06/14/13
 SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
 REPORT TO: Mr. RICHARD QRR DATE ANALYZED: 06/17/13
 DATE REPORTED: 06/18/13

METHOD BLANK FOR LAB I.D.:

130614-48, -50, -52, -54 (COMPOSITE), 130614-49, -51, -53, -55 (COMPOSITE),
 130614-56, -60, -64, -68 (COMPOSITE), 130614-57, -61, -65, -69 (COMPOSITE),
 130614-58, -62, -66, -70 (COMPOSITE), 130614-59, -63, -67, -71 (COMPOSITE),
 130614-72, -74, -76, -78 (COMPOSITE), 130614-73, -75, -77, -79 (COMPOSITE),
 130614-80, -82, -84 (COMPOSITE), 130614-81, -83, -85 (COMPOSITE),
 130614-86, -88, -90 (COMPOSITE), 130614-87, -89, -91 (COMPOSITE)

Organochlorine Pesticides Analysis

method: EPA 8081A

Unit: mg/Kg = Milligram Per Kilogram = PPM

PARAMETER	SAMPLE RESULT	PQL	MDL	DF
Aldrin	ND	0.001	0.0001	1
alpha-BHC	ND	0.001	0.0001	1
beta-BHC	ND	0.001	0.0001	1
gamma-BHC (Lindane)	ND	0.001	0.0001	1
delta-BHC	ND	0.001	0.0001	1
alpha-Chlordane	ND	0.001	0.0001	1
gamma-Chlordane	ND	0.001	0.0001	1
Technical Chlordane	ND	0.005	0.0005	1
4,4'-DDD	ND	0.001	0.0001	1
4,4'-DDE	ND	0.001	0.0001	1
4,4'-DDT	ND	0.001	0.0001	1
Dieldrin	ND	0.001	0.0001	1
Endosulfan I	ND	0.001	0.0001	1
Endosulfan II	ND	0.001	0.0001	1
Endosulfan Sulfate	ND	0.001	0.0001	1
Endrin	ND	0.001	0.0001	1
Endrin Aldehyde	ND	0.001	0.0001	1
Endrin Ketone	ND	0.001	0.0001	1
Heptachlor Epoxide	ND	0.001	0.0001	1
Heptachlor	ND	0.001	0.0001	1
Methoxychlor	ND	0.001	0.0001	1
Toxaphene	ND	0.020	0.0100	1

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 Actual Detection Limit = PQL X DF
 J = Trace Concentration between MDL and PQL
 ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
 CAL-DHS CERTIFICATE # 1555



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Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

METHOD BLANK REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002
LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: WATER DATE RECEIVED: 06/14/13
SAMPLING DATE: 06/14/13 DATE EXTRACTED: 06/14/13
REPORT TO: Mr. RICHARD ORR DATE ANALYZED: 06/17/13
DATE REPORTED: 06/18/13

METHOD BLANK FOR LAB I.D.: 130614-104

Organochlorine Pesticides Analysis

Method: EPA 8081A

Unit: ug/L = Microgram per Liter = PPB

Table with 5 columns: PARAMETER, SAMPLE RESULT, PQL, MDL, DF. Lists various pesticides like Aldrin, alpha-BHC, beta-BHC, etc., with results mostly 'ND'.

COMMENTS

DF = Dilution Factor
MDL = Method Detection Limit
Actual Detection Limit = PQL X DF
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by:
CAL-DHS CERTIFICATE # 1555

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Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909)590-5905 Fax (909)590-5907

EPA 8081 QA/QC Report

Matrix: **Soil/Solid/Liquid(Oil)**

Date Analyzed: **6/17/2013**

Unit: **mg/Kg (ppm)**

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 130614-86.88.90 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0.000	0.0500	0.0540	108%	0.0536	107%	1%	0-20%	70-130
Aldrin	0.000	0.0500	0.0463	93%	0.0543	109%	16%	0-20%	70-130
4,4-DDE	0.000	0.0500	0.0609	122%	0.0618	124%	1%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.00500	0.00543	109%	75-125
Aldrin	0.00500	0.00534	107%	75-125
4,4-DDE	0.00500	0.00513	103%	75-125
Dieldrin	0.00500	0.00539	108%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		MB	130614-48.50.52.54	130614-49.51.53.55	130614-56.60.64.68	130614-57.61.65.69	130614-58.62.66.70	130614-59.63.67.71	
Tetra-chloro-meta-xylene	50-150	118%	133%	105%	110%	108%	101%	100%	
Decachlorobiphenyl	50-150	93%	100%	110%	114%	100%	97%	100%	

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		130614-72.74.76.78	130614-73.75.77.79	130614-80.82.84	130614-81.83.85	130614-86.88.90	130614-87.89.91	130613-24	
Tetra-chloro-meta-xylene	50-150	105%	111%	130%	101%	93%	101%	133%	
Decachlorobiphenyl	50-150	98%	105%	109%	99%	128%	88%	122%	

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		130613-25	130613-26	130613-27	130613-28	130613-29	130613-30	130613-31	
Tetra-chloro-meta-xylene	50-150	100%	99%						
Decachlorobiphenyl	50-150	92%	150%						

S.R. = Sample Result

* = Surrogate fail due to matrix interference (If Marked)

spk conc = Spike Concentration

Note: LCS, MS, MSD are in control therefore results are in control.

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: B

Final Reviewer: A

144092413

Enviro-Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766

Tel (909)590-5905 Fax (909)590-5907

EPA 608 QA/QC Report

Matrix: Water/Liquid
Unit: ug/L

Date Analyzed: 6/17/2013

Matrix Spike (MS)/Matrix Spike Duplicate (MSD)

Spiked Sample Lab I.D.: 130614-104 MS/MSD

Analyte	S.R.	spk conc	MS	%REC	MSD	%REC	%RPD	ACP %RPD	ACP %REC
Gamma-BHC	0	5.00	5.12	102%	5.31	106%	4%	0-20%	70-130
Aldrin	0	5.00	4.91	98%	5.07	101%	3%	0-20%	70-130
4,4-DDE	0	5.00	5.76	115%	5.04	101%	13%	0-20%	70-130

Lab Control Spike (LCS) Recovery:

Analyte	spk conc	LCS	% REC	ACP %REC
Gamma-BHC	0.500	0.488	98%	75-125
Aldrin	0.500	0.488	98%	75-125
4,4-DDE	0.500	0.536	107%	75-125
Dieldrin	0.500	0.545	109%	75-125

Surrogate Recovery	ACP%	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.		M-BLK	130614-104						
Tetra-chloro-meta-xylene	50-150	109%	106%						
Decachlorobipneyl	50-150	113%	50%						

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.									
Tetra-chloro-meta-xylene									
Decachlorobipneyl									

Surrogate Recovery	%REC	%REC	%REC	%REC	%REC	%REC
Sample I.D.						
Tetra-chloro-meta-xylene						
Decachlorobipneyl						

S.R. = Sample Result

spk conc = Spike Concentration

%REC = Percent Recovery

ACP %RPD = Acceptable Percent RPD Range

ACP %REC = Acceptable Percent Recovery Range

Analyzed and Reviewed By: EB

* = Surrogate fail due to matrix interference

Note: LCS, MS, MSD are in control therefore results are in control.

Final Reviewer: AW

Mu092413

LDC #: 30446B3a

VALIDATION COMPLETENESS WORKSHEET

SDG #: 130614

Level II

Laboratory: Enviro-Chem, Inc.

Date: 9/20/13

Page: 1 of 1

Reviewer: [Signature]

2nd Reviewer: [Signature]

METHOD: GC Chlorinated Pesticides(EPA SW 846 Method 8081A)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 6/14/13
II.	GC/ECD Instrument Performance Check	-	
III.	Initial calibration	N	
IV.	Continuing calibration/ICV	N	
V.	Blanks	A	
VI.	Surrogate spikes	A	
VII.	Matrix spike/Matrix spike duplicates	A	
VIII.	Laboratory control samples	A	LC5
IX.	Regional quality assurance and quality control	N	
X.	Florisil cartridge check	N	
XI.	GPC Calibration	N	
XII.	Target compound identification	N	
XIII.	Compound quantitation/RL/LOQ/LODs	N	
XIV.	Overall assessment of data	A	
XV.	Field duplicates	ND	(3.5) (4.6)
XVI.	Field blanks	ND	EB = 13

Note: A = Acceptable
N = Not provided/applicable
SW = See worksheet

ND = No compounds detected
R = Rinstate
FB = Field blank

D = Duplicate
TB = Trip blank
EB = Equipment blank

Validated Samples:

Soil except # 13, 16, 17, 18

1	C-1-0.5	11	C-5-0.5	21	ND	31
2	C-1-2.5	12	C-5-2.5	22		32
3	C-2-0.5	13	200-1 AA	23		33
4	C-2-2.5	14	C-5-0.5MS	24		34
5	C-102-0.5	15	C-5-0.5MSD	25		35
6	C-102-2.5	16	200-1MS AA	26		36
7	C-3-0.5	17	200-1MSD ↓	27		37
8	C-3-2.5	18		28		38
9	C-4-0.5	19		29		39
10	C-4-2.5	20		30		40

Laboratory Data Consultants, Inc. Data Validation Report

Project/Site Name: Pioneer HS
Collection Date: June 14, 2013
LDC Report Date: September 23, 2013
Matrix: Soil/Water
Parameters: Arsenic
Validation Level: EPA Level II
Laboratory: Enviro-Chem, Inc.

Sample Delivery Group (SDG): 130614

Sample Identification

AG-1-0.5	AG-8-0.5	AG-17-0.5
AG-1-2.5	AG-8-2.5	AG-17-2.5
AG-2-0.5	AG-108-0.5	AG-18-0.5
AG-2-2.5	AG-108-2.5	AG-18-2.5
AG-3-0.5	AG-9-0.5	ST-4NW1-0.5
AG-3-2.5	AG-9-2.5	ST-4NW1-2.5
AG-4-0.5	AG-10-0.5	ST-4NE1-0.5
AG-4-2.5	AG-10-2.5	ST-4NE1-2.5
AG-5-0.5	AG-11-0.5	ST-4SE1-0.5
AG-5-2.5	AG-11-2.5	ST-4SE1-2.5
AG-105-0.5	AG-12-0.5	200-1
AG-105-2.5	AG-12-2.5	AG-106-0.5MS
AG-6-0.5	AG-13-0.5	AG-106-0.5MSD
AG-6-2.5	AG-13-2.5	200-1MS
AG-106-0.5	AG-14-0.5	200-1MSD
AG-106-2.5	AG-14-2.5	ST-4NW1-0.5MS
AG-7-0.5	AG-15-0.5	ST-4NW1-0.5MSD
AG-7-2.5	AG-15-2.5	
AG-107-0.5	AG-16-0.5	
AG-107-2.5	AG-16-2.5	

Introduction

This data review covers 54 soil samples and 3 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 6010B and EPA Method 200.7 for Arsenic.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. ICPMS Tune

ICP-MS was not utilized in this SDG.

III. Calibration

Calibration data were not reviewed for Level II.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No arsenic was found in the preparation blanks.

Sample 200-1 was identified as an equipment blank. No arsenic was found.

V. ICP Interference Check Sample (ICS) Analysis

ICP Interference check sample analysis data were not reviewed for Level II.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Internal Standards (ICP-MS)

ICP-MS was not utilized in this SDG.

X. Furnace Atomic Absorption QC

Graphite furnace atomic absorption was not utilized in this SDG.

XI. ICP Serial Dilution

ICP serial dilution was not performed for this SDG.

XII. Sample Result Verification

Raw data were not reviewed for this SDG.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

Samples AG-5-0.5 and AG-105-0.5, samples AG-5-2.5 and AG-105-2.5, samples AG-6-0.5 and AG-106-0.5, samples AG-6-2.5 and AG-106-2.5, samples AG-7-0.5 and AG-107-0.5, samples AG-7-2.5 and AG-107-2.5, samples AG-8-0.5 and AG-108-0.5, and samples AG-8-2.5 and AG-108-2.5 were identified as field duplicates. No arsenic was detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/Kg)		RPD
	AG-5-0.5	AG-105-0.5	
Arsenic	9.60	8.42	13

Analyte	Concentration (mg/Kg)		RPD
	AG-5-2.5	AG-105-2.5	
Arsenic	17.1	13.5	24

Analyte	Concentration (mg/Kg)		RPD
	AG-6-0.5	AG-106-0.5	
Arsenic	4.08	5.09	22

Analyte	Concentration (mg/Kg)		RPD
	AG-6-2.5	AG-106-2.5	
Arsenic	5.12	6.44	23

Analyte	Concentration (mg/Kg)		RPD
	AG-7-0.5	AG-107-0.5	
Arsenic	8.94	10.7	18

Analyte	Concentration (mg/Kg)		RPD
	AG-7-2.5	AG-107-2.5	
Arsenic	11.6	15.6	29

Analyte	Concentration (mg/Kg)		RPD
	AG-8-0.5	AG-108-0.5	
Arsenic	3.35	5.31	45

Analyte	Concentration (mg/Kg)		RPD
	AG-8-2.5	AG-108-2.5	
Arsenic	7.85	5.68	32

**Pioneer HS
Arsenic - Data Qualification Summary - SDG 130614**

No Sample Data Qualified in this SDG

**Pioneer HS
Arsenic - Laboratory Blank Data Qualification Summary - SDG 130614**

No Sample Data Qualified in this SDG

**Pioneer HS
Arsenic - Field Blank Data Qualification Summary - SDG 130614**

No Sample Data Qualified in this SDG

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002

LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL DATE RECEIVED: 06/14/13

SAMPLING DATE: 06/14/13 DATE ANALYZED: 06/17/13

REPORT TO: Mr. RICHARD ORR DATE REPORTED: 06/18/13

EPA 6010B FOR TTLC-ARSENIC; PAGE 1 OF 4
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include AG-1-0.5, AG-1-2.5, AG-2-0.5, AG-2-2.5, AG-3-0.5, AG-3-2.5.

Method Blank --- ND 1

MDL 0.248
PQL 0.30

COMMENTS:

- DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

144092413

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002

LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL

DATE RECEIVED: 06/14/13

SAMPLING DATE: 06/14/13

DATE ANALYZED: 06/17/13

REPORT TO: Mr. RICHARD ORR

DATE REPORTED: 06/18/13

EPA 6010B FOR TTLC-ARSENIC; PAGE 2 OF 4
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include AG-4-0.5, AG-4-2.5, AG-5-0.5, AG-5-2.5, AG-105-0.5, AG-105-2.5, AG-6-0.5, AG-6-2.5, AG-106-0.5, AG-106-2.5, AG-7-0.5, AG-7-2.5, AG-107-0.5, AG-107-2.5, AG-8-0.5, AG-8-2.5, AG-108-0.5, AG-108-2.5, AG-9-0.5, AG-9-2.5.

Method Blank --- ND 1
MDL 0.248
PQL 0.30

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

14409713

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer MS PROJECT No.: 10084.002

LOCATION: 10800 Bon Avon, Whittier, CA 90606

MATRIX: SOIL DATE RECEIVED: 06/14/13

SAMPLING DATE: 06/14/13 DATE ANALYZED: 06/17/13

REPORT TO: Mr. RICHARD ORR DATE REPORTED: 06/18/13

EPA 6010B FOR TTLC-ARSENIC; PAGE 4 OF 4
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include ST-4NE1-0.5, ST-4NE1-2.5, ST-4SE1-0.5, ST-4SE1-2.5, Method Blank, MDL (0.248), and PQL (0.30).

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Handwritten date: 6/18/13

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/17/2013

Unit : Mg/KG(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130614-28	1.00	99	PASS	0.710	50.0	49.6	98%	46.3	91%	7%

ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: 

FINAL REVIEWER: 

M4092413

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/17/2013

Unit : Mg/KG(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130614-37	50.0	99	PASS	0	50.0	49.7	99%	49.2	98%	1%

ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: 

FINAL REVIEWER: 

144092413

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/17/2013

Unit : Mg/KG(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130614-62	1.00	100	PASS	5.09	50.0	50.2	90%	53.1	96%	6%

ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST:  _____

FINAL REVIEWER: An

14092413

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/17/2013

Unit : Mg/KG(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130614-92	50.0	100	PASS	4.27	50.0	52.9	97%	52.8	97%	0%


ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 - 125	75 - 125	85 - 115	0 - 20

ANALYST: 

FINAL REVIEWER: 

14092413

QA/QC for TLLC Metals Analysis -- WATER MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/17/2013

Unit : mg/L(ppm)

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130614-104	1.00	101	PASS	0	1.00	0.967	97%	0.985	99%	2%
Chromium(Cr)	130614-104	1.00	99	PASS	0	1.00	0.970	97%	0.989	99%	2%
Zinc(Zn)	130614-104	1.00	108	PASS	0	1.00	1.03	103%	1.05	105%	2%

~~ANALYSIS DATE. : 6/17/2013~~

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130614-45	0.00250	96	PASS	0	0.00250	0.00210	84%	0.00210	84%	0%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Zinc(Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: 

FINAL REVIEWER: 

144092413

LDC #: 30446B4

VALIDATION COMPLETENESS WORKSHEET

Date: 9/20/13

SDG #: 130614

Level II

Page: 1 of 2

Laboratory: Enviro-Chem, Inc.

Reviewer: [Signature]

2nd Reviewer: [Signature]

METHOD: ^{AC}Metals (EPA SW 846 Method 6010B/EPA 200.7)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

Validation Area			Comments
I.	Technical holding times	A	Sampling dates: 6/14/13
II.	ICP/MS Tune	N	not utilized
III.	Calibration	N	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis	A	
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	A	LCS
IX.	Internal Standard (ICP-MS)	N	not utilized
X.	Furnace Atomic Absorption QC	N	↓
XI.	ICP Serial Dilution	N	
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	A	(21, 24) (21, 23)
XIV.	Field Duplicates	SW	(9, 11) (10, 12) (13, 15) (14, 16) (17, 19) (18, 20)
XV.	Field Blanks	ND	2B = 5

Note: A = Acceptable
 N = Not provided/applicable
 SW = See worksheet

ND = No compounds detected
 R = Rinsate
 FB = Field blank

D = Duplicate
 TB = Trip blank
 EB = Equipment blank

Validated Samples: Soil except 51, 54, 55 AQ

1	AG-1-0.5	11	AG-105-0.5	21	AG-8-0.5	31	AG-12-0.5
2	AG-1-2.5	12	AG-105-2.5	22	AG-8-2.5	32	AG-12-2.5
3	AG-2-0.5	13	AG-6-0.5	23	AG-108-0.5	33	AG-13-0.5
4	AG-2-2.5	14	AG-6-2.5	24	AG-108-2.5	34	AG-13-2.5
5	AG-3-0.5	15	AG-106-0.5	25	AG-9-0.5	35	AG-14-0.5
6	AG-3-2.5	16	AG-106-2.5	26	AG-9-2.5	36	AG-14-2.5
7	AG-4-0.5	17	AG-7-0.5	27	AG-10-0.5	37	AG-15-0.5
8	AG-4-2.5	18	AG-7-2.5	28	AG-10-2.5	38	AG-15-2.5
9	AG-5-0.5	19	AG-107-0.5	29	AG-11-0.5	39	AG-16-0.5
10	AG-5-2.5	20	AG-107-2.5	30	AG-11-2.5	40	AG-16-2.5

Notes: _____

LDC #: 30446B4

VALIDATION COMPLETENESS WORKSHEET

SDG #: 130614

Level II

Laboratory: Enviro-Chem, Inc.

Date: 9/20/13

Page: 2 of 2

Reviewer: [Signature]

2nd Reviewer: [Signature]

METHOD: Metals (EPA SW 846 Method 6010B/EPA 200.7)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times		Sampling dates:
II.	ICP/MS Tune	N	
III.	Calibration	N	
IV.	Blanks		
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis		
VII.	Duplicate Sample Analysis		
VIII.	Laboratory Control Samples (LCS)		
IX.	Internal Standard (ICP-MS)	N	See page 1
X.	Furnace Atomic Absorption QC		
XI.	ICP Serial Dilution	N	
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data		
XIV.	Field Duplicates		
XV.	Field Blanks		

Note: A = Acceptable
 N = Not provided/applicable
 SW = See worksheet

ND = No compounds detected
 R = Rinsate
 FB = Field blank

D = Duplicate
 TB = Trip blank
 EB = Equipment blank

Validated Samples:

41	AG-17-0.5	51	200-1	61		71	
42	AG-17-2.5	52 ¹	AG-106-0.5MS	62		72	
43	AG-18-0.5	53 ¹	AG-106-0.5MSD	63		73	
44	AG-18-2.5	54	200-1MS	64		74	
45	ST-4NW1-0.5	55	200-1MSD	65		75	
46	ST-4NW1-2.5	56	#45 MS	66		76	
47	ST-4NE1-0.5	57	↓ MSD	67		77	
48	ST-4NE1-2.5	58		68		78	
49	ST-4SE1-0.5	59		69		79	
50	ST-4SE1-2.5	60		70		80	

Notes: _____

VALIDATION FINDINGS WORKSHEET
Field Duplicates

METHOD: Metals (EPA Method 6010B)

- ~~Y~~ ~~N~~ ~~NA~~ Were field duplicate pairs identified in this SDG?
- ~~Y~~ ~~N~~ ~~NA~~ Were target analytes detected in the field duplicate pairs?

Analyte	Concentration (mg/Kg)		RPD	
	9	11		
Arsenic	9.60	8.42	13	

Analyte	Concentration (mg/Kg)		RPD	
	10	12		
Arsenic	17.1	13.5	24	

Analyte	Concentration (mg/Kg)		RPD	
	13	15		
Arsenic	4.08	5.09	22	



Analyte	Concentration (mg/Kg)		RPD	
	14	16		
Arsenic	5.12	6.44	23	

Analyte	Concentration (mg/Kg)		RPD	
	17	19		
Arsenic	8.94	10.7	18	

Analyte	Concentration (mg/Kg)		RPD	
	18	20		
Arsenic	11.6	15.6	29	

LDC#: 30446B4

VALIDATION FINDINGS WORKSHEET Field Duplicates

Page: 2 of 2
Reviewer: 
2nd Reviewer: 

METHOD: Metals (EPA Method 6010B)

- N/A Were field duplicate pairs identified in this SDG?
- N/A Were target analytes detected in the field duplicate pairs?

Analyte	Concentration (mg/Kg)		RPD	
	21	23		
Arsenic	3.35	5.31	45	

Analyte	Concentration (mg/Kg)		RPD	
	22	24		
Arsenic	7.85	5.68	32	

V:\FIELD DUPLICATES\FD_inorganic\30446B4.wpd

**Laboratory Data Consultants, Inc.
Data Validation Report**

Project/Site Name: Pioneer HS

Collection Date: June 26, 2013

LDC Report Date: September 23, 2013

Matrix: Soil/Water

Parameters: Arsenic

Validation Level: EPA Level II

Laboratory: Enviro-Chem, Inc.

Sample Delivery Group (SDG): 130626

Sample Identification

AG-4-5.0	AG-5NE5-2.5	AG-14NW5-0.5	AG-105S5-2.5
AG-4S1-0.5	AG-5NE5-5.0	AG-14NW5-2.5	200-3
AG-4S1-2.5	AG-5S5-0.5	AG-14NE5-0.5	AG-4-5.0MS
AG-4S1-5.0	AG-5S5-2.5	AG-14NE5-2.5	AG-4-5.0MSD
AG-4S5-0.5	AG-5S5-5.0	AG-14S5-0.5	AG-4S5-0.5MS
AG-4S5-2.5	AG-7-5.0	AG-14S5-2.5	AG-4S5-0.5MSD
AG-5-5.0	AG-7NW1-0.5	AG-17NW1-0.5	AG-14S5-2.5MS
AG-5NW1-0.5	AG-7NW1-2.5	AG-17NW1-2.5	AG-14S5-2.5MSD
AG-5NW1-2.5	AG-7NE1-0.5	AG-17NE1-0.5	AG-104NE1-0.5MS
AG-5NW1-5.0	AG-7NE1-2.5	AG-17S1-0.5	AG-104NE1-0.5MSD
AG-5NE1-0.5	AG-7S1-0.5	AG-17S1-2.5	
AG-5NE1-2.5	AG-7S1-2.5	AG-17NW5-0.5	
AG-5NE1-5.0	AG-7S5-0.5	AG-17NW5-2.5	
AG-5S1-0.5	AG-7S5-2.5	AG-17S5-0.5	
AG-5S1-2.5	AG-14NW1-0.5	AG-17S5-2.5	
AG-5S1-5.0	AG-14NW1-2.5	AG-104-5.0	
AG-5NW5-0.5	AG-14NE1-0.5	AG-104NE1-0.5	
AG-5NW5-2.5	AG-14NE1-2.5	AG-104NE1-2.5	
AG-5NW5-5.0	AG-14S1-0.5	AG-104S5-2.5	
AG-5NE5-0.5	AG-14S1-2.5	AG-105S5-0.5	

Introduction

This data review covers 69 soil samples and one water sample listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 6010B and EPA Method 200.7 for Arsenic.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. ICPMS Tune

ICP-MS was not utilized in this SDG.

III. Calibration

Calibration data were not reviewed for Level II.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No arsenic was found in the preparation blanks.

Sample 200-3 was identified as an equipment blank. No arsenic was found.

V. ICP Interference Check Sample (ICS) Analysis

ICP Interference check sample analysis data were not reviewed for Level II.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Internal Standards (ICP-MS)

ICP-MS was not utilized in this SDG.

X. Furnace Atomic Absorption QC

X. Furnace Atomic Absorption QC

Graphite furnace atomic absorption was not utilized in this SDG.

XI. ICP Serial Dilution

ICP serial dilution was not performed for this SDG.

XII. Sample Result Verification

Raw data were not reviewed for this SDG.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

Samples AG-4-5.0 and AG-104-5.0, samples AG-4S5-2.5 and AG-104S5-2.5, samples AG-5S5-0.5 and AG-105S5-0.5, and samples AG-5S5-2.5 and AG-105S5-2.5 were identified as field duplicates. No arsenic was detected in any of the samples with the following exceptions:

Analyte	Concentration (mg/Kg)		RPD
	AG-4-5.0	AG-104-5.0	
Arsenic	5.0	8.43	51

Analyte	Concentration (mg/Kg)		RPD
	AG-4S5-2.5	AG-104S5-2.5	
Arsenic	13.8	6.87	67

Analyte	Concentration (mg/Kg)		RPD
	AG-5S5-0.5	AG-105S5-0.5	
Arsenic	11.1	8.68	24

Analyte	Concentration (mg/Kg)		RPD
	AG-5S5-2.5	AG-105S5-2.5	
Arsenic	16.7	10.0	50

Pioneer HS
Arsenic - Data Qualification Summary - SDG 130626

No Sample Data Qualified in this SDG

Pioneer HS
Arsenic - Laboratory Blank Data Qualification Summary - SDG 130626

No Sample Data Qualified in this SDG

Pioneer HS
Arsenic - Field Blank Data Qualification Summary - SDG 130626

No Sample Data Qualified in this SDG

Enviro - Chem, Inc.

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LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: **Pioneer HS SS1 10800 Ben Avon St., Whittier, CA 90606**
 PROJECT No.: 10084.001
 MATRIX: SOIL DATE RECEIVED: 06/26/13
 SAMPLING DATE: 06/26/13 DATE ANALYZED: 06/27/13
 REPORT TO: Mr. RICHARD ORR DATE REPORTED: 06/27/13

EPA 6010B FOR TTLC-ARSENIC; PAGE 1 OF 2
 UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ARSENIC RESULT	DF
AG-4-5.0	130626-71	5.60	1
AG-4S1-0.5	130626-74	4.73	1
AG-4S1-2.5	130626-75	13.1	1
AG-5-5.0	130626-86	7.42	1
AG-5NW1-0.5	130626-89	8.84	1
AG-5NW1-2.5	130626-90	12.6	1
AG-5NE1-0.5	130626-92	8.24	1
AG-5NE1-2.5	130626-93	14.7	1
AG-5S1-0.5	130626-95	9.72	1
AG-5S1-2.5	130626-96	16.9	1
AG-7-5.0	130626-107	9.85	1
AG-7NW1-0.5	130626-110	7.80	1
AG-7NW1-2.5	130626-111	9.98	1
AG-7NE1-0.5	130626-113	10.4	1
AG-7NE1-2.5	130626-114	10.2	1
AG-7S1-0.5	130626-116	12.9	1
AG-7S1-2.5	130626-117	9.83	1
Method Blank	---	ND	1
	MDL	0.248	
	PQL	0.30	

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 J = Trace Concentration between MDL and PQL
 Actual Detection Limit = PQL X DF
 ND = Below the Actual Detection Limit or non-detected
 TTLC = Total Threshold Limit Concentration
 STLC = Soluble Threshold Limit Concentration
 STLC Limit for Arsenic = 5 PPM
 * = STLC analysis is recommended (if marked)
 *** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
 CAL-DHS ELAP CERTIFICATE No.: 1555

144092413

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: Pioneer HS SS1 10800 Ben Avon St., Whittier, CA 90606

PROJECT No.: 10084.001

MATRIX: SOIL

DATE RECEIVED: 06/26/13

SAMPLING DATE: 06/26/13

DATE ANALYZED: 06/27/13

REPORT TO: Mr. RICHARD ORR

DATE REPORTED: 06/27/13

EPA 6010B FOR TTLC-ARSENIC; PAGE 2 OF 2
UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include various sample IDs like AG-14NW1-0.5, AG-14NE1-0.5, etc., with corresponding results and dilution factors.

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

M4092413

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
 10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
 Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: **Pioneer HS SS1 10800 Ben Avon St., Whittier, CA 90606**
 PROJECT No.: **10084.001**
 MATRIX: **SOIL** DATE RECEIVED: **06/26/13**
 SAMPLING DATE: **06/26/13** DATE ANALYZED: **06/28/13**
 REPORT TO: **Mr. RICHARD ORR** DATE REPORTED: **07/01/13**

EPA 6010B FOR TTLC-ARSENIC; PAGE 1 OF 2
 UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

SAMPLE I.D.	LAB I.D.	ARSENIC RESULT	DF
AG-4S1-5.0	130626-76	9.11	1
AG-4S5-0.5	130626-83	1.45	1
AG-4S5-2.5	130626-84	13.8	1
AG-5NW1-5.0	130626-91	7.40	1
AG-5NE1-5.0	130626-94	7.97	1
AG-5S1-5.0	130626-97	7.42	1
AG-5NW5-0.5	130626-98	9.43	1
AG-5NW5-2.5	130626-99	11.3	1
AG-5NW5-5.0	130626-100	7.34	1
AG-5NE5-0.5	130626-101	8.14	1
AG-5NE5-2.5	130626-102	11.7	1
AG-5NE5-5.0	130626-103	6.54	1
AG-5S5-0.5	130626-104	11.1	1
AG-5S5-2.5	130626-105	16.7	1
AG-5S5-5.0	130626-106	8.56	1
Method Blank		ND	1
	MDL	0.248	
	PQL	0.30	

COMMENTS:

DF = Dilution Factor
 MDL = Method Detection Limit
 PQL = Practical Quantitation Limit
 J = Trace Concentration between MDL and PQL
 Actual Detection Limit = PQL X DF
 ND = Below the Actual Detection Limit or non-detected
 TTLC = Total Threshold Limit Concentration
 STLC = Soluble Threshold Limit Concentration
 STLC Limit for Arsenic = 5 PPM
 * = STLC analysis is recommended (if marked)
 *** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
 CAL-DHS ELAP CERTIFICATE No.: 1555

144092413

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6, Rancho Cucamonga, CA 91730
Tel(909)484-2205 Fax(909)484-2170
PROJECT: Pioneer HS SS1 10800 Ben Avon St., Whittier, CA 90606
PROJECT No.: 10084.001
MATRIX: WATER DATE RECEIVED: 06/26/13
SAMPLING DATE: 06/26/13 DATE ANALYZED: 06/27/13
REPORT TO: Mr. RICHARD ORR DATE REPORTED: 06/27/13

EPA 200.7 FOR TTLC-ARSENIC
UNITS: mg/L = MILLIGRAM PER LITER = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include sample 200-3, Method Blank, MDL (0.005), and PQL (0.01).

COMMENTS:

DF = Dilution Factor
MDL = Method Detection Limit
PQL = Practical Quantitation Limit
J = Trace Concentration between MDL and PQL
Actual Detection Limit = PQL X DF
ND = Below the Actual Detection Limit or non-detected

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

Handwritten date: 6/27/13

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

(Page 1 of 2)

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/27/2013

Unit : Mg/KG(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130626-153	1.00	101	PASS	1.82	50.0	48.7	94%	50.6	98%	4%

ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: 

FINAL REVIEWER: 

1409413

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

/PAGE 2/2/

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/27/2013

Unit : Mg/KG(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130626-71	1.00	101	PASS	5.60	50.0	53.3	95%	51.2	91%	5%

ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

174092413

QA/QC for TLLC Metals Analysis --WATER MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/27/2013

Unit : mg/L(ppm)

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130625-20	1.00	102	PASS	0	1.00	1.00	100%	1.01	101%	1%
Chromium(Cr)	130625-20	1.00	100	PASS	0	1.00	0.980	98%	0.989	99%	1%
Zinc(Zn)	130625-20	1.00	109	PASS	0.080	1.00	1.13	105%	1.15	107%	2%

ANALYSIS DATE. : 6/26/2013

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130625-35	0.00250	100	PASS	0	0.00250	0.00220	88%	0.00210	84%	5%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Zinc(Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

MH 6/24/13

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/28/2013

Unit : Mg/KG(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130626-139	1.00	99	PASS	2.89	50.0	48.0	90%	47.4	89%	1%

ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

14092413

QA/QC for Metals Analysis--TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 6/28/2013

Unit : Mg/KG(ppm)

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic (As)	130626-83	1.00	99	PASS	1.45	50.0	46.9	91%	49.2	96%	5%

ANALYSIS DATE. :

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic (As)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

Mu092413

LDC #: 30446C4

VALIDATION COMPLETENESS WORKSHEET

SDG #: 130626

Level II

Laboratory: Enviro-Chem, Inc.

Date: 9/20/13

Page: 1 of 2

Reviewer: [Signature]

2nd Reviewer: [Signature]

METHOD: Metals (EPA SW 846 Method 6010B/EPA 200.7)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 6/26/13
II.	ICP/MS Tune	N	not utilized
III.	Calibration	N	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis	A	
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	A	LCS
IX.	Internal Standard (ICP-MS)	N	not utilized
X.	Furnace Atomic Absorption QC	N	
XI.	ICP Serial Dilution	N	
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	A	
XIV.	Field Duplicates	SW	(1, 56), (6, 59), (23, 60), (24, 61)
XV.	Field Blanks	ND	EB = 62

Note: A = Acceptable
 N = Not provided/applicable
 SW = See worksheet

ND = No compounds detected
 R = Rinsate
 FB = Field blank

D = Duplicate
 TB = Trip blank
 EB = Equipment blank

Validated Samples: All soil except 62 & 62

1	AG-4-5.0	11	AG-5NE1-0.5	21	AG-5NE5-2.5	31	AG-7S1-0.5
2	AG-4S1-0.5	12	AG-5NE1-2.5	22	AG-5NE5-5.0	32	AG-7S1-2.5
3	AG-4S1-2.5	13	AG-5NE1-5.0	23	AG-5S5-0.5	33	AG-7S5-0.5
4	AG-4S1-5.0	14	AG-5S1-0.5	24	AG-5S5-2.5	34	AG-7S5-2.5
5	AG-4S5-0.5	15	AG-5S1-2.5	25	AG-5S5-5.0	35	AG-14NW1-0.5
6	AG-4S5-2.5	16	AG-5S1-5.0	26	AG-7-5.0	36	AG-14NW1-2.5
7	AG-5-5.0	17	AG-5NW5-0.5	27	AG-7NW1-0.5	37	AG-14NE1-0.5
8	AG-5NW1-0.5	18	AG-5NW5-2.5	28	AG-7NW1-2.5	38	AG-14NE1-2.5
9	AG-5NW1-2.5	19	AG-5NW5-5.0	29	AG-7NE1-0.5	39	AG-14S1-0.5
10	AG-5NW1-5.0	20	AG-5NE5-0.5	30	AG-7NE1-2.5	40	AG-14S1-2.5

Notes: _____

LDC #: 30446C4

VALIDATION COMPLETENESS WORKSHEET

SDG #: 130626

Level II

Laboratory: Enviro-Chem, Inc.

Date: 9/20/13

Page: 2 of 2

Reviewer: [Signature]

2nd Reviewer: [Signature]

METHOD: ^{AS}Metals (EPA SW 846 Method 6010B/EPA 200.7)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times		Sampling dates:
II.	ICP/MS Tune	N	
III.	Calibration	N	
IV.	Blanks		
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis		
VII.	Duplicate Sample Analysis		See page 1
VIII.	Laboratory Control Samples (LCS)		
IX.	Internal Standard (ICP-MS)	N	
X.	Furnace Atomic Absorption QC		
XI.	ICP Serial Dilution	N	
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data		
XIV.	Field Duplicates		
XV.	Field Blanks		

Note: A = Acceptable
 N = Not provided/applicable
 SW = See worksheet

ND = No compounds detected
 R = Rinsate
 FB = Field blank

D = Duplicate
 TB = Trip blank
 EB = Equipment blank

Validated Samples:

41	AG-14NW5-0.5	51	AG-17S1-2.5	61	AG-105S5-2.5	71	
42	AG-14NW5-2.5	52	AG-17NW5-0.5	62	200-3	72	
43	AG-14NE5-0.5	53	AG-17NW5-2.5	63	AG-4-5.0MS	73	
44	AG-14NE5-2.5	54	AG-17S5-0.5	64	AG-4-5.0MSD	74	
45	AG-14S5-0.5	55	AG-17S5-2.5	65	AG-4S5-0.5MS	75	
46	AG-14S5-2.5	56	AG-104-5.0	66	AG-4S5-0.5MSD	76	
47	AG-17NW1-0.5	57	AG-104NE1-0.5	67	AG-14S5-2.5MS	77	
48	AG-17NW1-2.5	58	AG-104NE1-2.5	68	AG-14S5-2.5MSD	78	
49	AG-17NE1-0.5	59	AG-104S5-2.5	69	AG-104NE1-0.5MS	79	
50	AG-17S1-0.5	60	AG-105S5-0.5	70	AG-104NE1-0.5MSD	80	

Notes: _____

LDC#: 30446C4

VALIDATION FINDINGS WORKSHEET
Field Duplicates

Page: 1 of 1
Reviewer: [Signature]
2nd Reviewer: [Signature]

METHOD: Metals (EPA Method 6010B)

Y N NA
 Y N NA

Were field duplicate pairs identified in this SDG?

Were target analytes detected in the field duplicate pairs?

Analyte	Concentration (mg/Kg)		RPD	
	1	56		
Arsenic	5.0	8.43	51	

Analyte	Concentration (mg/Kg)		RPD	
	6	59		
Arsenic	13.8	6.87	67	

Analyte	Concentration (mg/Kg)		RPD	
	23	60		
Arsenic	11.1	8.68	24	

Analyte	Concentration (mg/Kg)		RPD	
	24	61		
Arsenic	16.7	10.0	50	

APPENDIX D

**HOUSEKEEPING ACTION COMPLETION REPORT,
STADIUM MODERNIZATION PROJECT ON THE EXISTING
PIONEER HIGH SCHOOL CAMPUS, LOCATED AT 10800
BENAVON STREET, WHITTIER, LOS ANGELES COUNTY,
CALIFORNIA**

Prepared For:

WHITTIER UNION HIGH SCHOOL DISTRICT
9401 South Painter Avenue
Whittier, California 90606

Project No. 10084.002

October 14, 2013



Leighton Consulting, Inc.

A LEIGHTON GROUP COMPANY



Leighton Consulting, Inc.
A LEIGHTON GROUP COMPANY

HOUSEKEEPING ACTION COMPLETION REPORT, STADIUM
MODERNIZATION PROJECT ON THE EXISTING PIONEER HIGH SCHOOL CAMPUS,
LOCATED AT 10800 BENA VON STREET, WHITTIER, LOS ANGELES COUNTY,
CALIFORNIA

This Housekeeping Action Completion Report (HACR) for the modernization project on the existing Pioneer High School at 10800 Ben Avon Street in the City of Whittier, California was prepared by Leighton Consulting, Inc. on behalf of the Whittier Union High School District in a manner consistent with the level of care and skill ordinarily exercised by professionals performing similar projects within the region. This HACR was prepared under the technical direction of the undersigned.

Leighton Consulting, Inc.

Richard L. Orr, PG 7199
October 14, 2013

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EXECUTIVE SUMMARY

Leighton Consulting has prepared this Housekeeping Action Completion Report (HACR) on behalf of the Whittier Union High School District (WUHSD) for the Pioneer High School Athletic Complex Modernization, located at 10800 Benavon Street, Whittier, Los Angeles County, California. The Site has been identified by WUHSD as a portion of the Pioneer High School Athletic Complex scheduled for modernization. The housekeeping consists of one 113-square foot portion and one 70 square foot portion of the 13-acre modernization area. Elevated levels of arsenic in surface and subsurface soils within the football field were identified during previous environmental assessments. These Site investigation activities, characterized the extent of soil impact and from these data a housekeeping action excavation plan was developed to reduce the threat to human health and the environment.

The removal of 17.10 tons (approximately 8.75 cubic yards) of arsenic impacted soil from the Site was successfully completed and the material was transported off-site for proper disposal. Confirmation soil samples collected from the bottom of the excavation showed that the Department of Toxic Substances Control (DTSC) approved housekeeping action goal for arsenic in soil was attained. The excavations were backfilled with clean fill from the Site. The Site was being rough graded prior to construction.

Leighton Consulting concludes based on the findings presented in this HACR, no further action is warranted at the Site and no restrictions should be placed on development of the planned WUHSD Sports Complex Modernization. On behalf of the WUHSD, Leighton Consulting requests a "No Further Action" decision from the DTSC for the WUHSD Modernization site.



1.0 INTRODUCTION

1.1 Introduction

This Housekeeping Action Completion Report (HACR) describes the housekeeping action in response to limited arsenic impacted soils identified at the Whittier Union High School District (WUHSD) Pioneer High School Athletic Complex Modernization Project, located at 10800 Ben Avon Street in the City of Whittier, California (Site – Figures 1 and 2). Leighton Consulting prepared this completion report on behalf of WUHSD in accordance with the California Department of Toxic Substances Control (DTSC) requirements.

Previous site investigations identified the presence of arsenic in excess of the State of California Human Health Screening Levels (CHHSLs) for residential land use and the DTSC recognized ambient background arsenic concentration for southern California soils of 12 milligrams per kilogram. Based upon these findings, limited removals of contaminated material were found to be an appropriate response action at the Site to protect human health and the environment. Step-out and step-down sampling around the areas of elevated arsenic concentrations showed that the lateral and vertical extent of the arsenic impacts were limited to a total soil volume of less than 10 cubic yards allowing the impacted soils to be excavated and disposed of as a housekeeping action under the supplemental site investigation (SSI).



2.0 SITE DESCRIPTION AND BACKGROUND

2.1 Site Location and Property Description

The Site has been identified by WUHSD as a portion of the Pioneer High School Athletic Complex scheduled for modernization. The housekeeping action consists of one 113-square foot portion and one 70 square foot portion of the 13-acre modernization area. The APN number assigned to the parcel affected by the modernization is 8177-019-905.

A site location map depicting the Site and surrounding area is included as Figure 1.

2.2 Contacts and Mailing Address

School District: Don Lussier
Director of Facilities
Whittier Union High School District
9401 South Painter Avenue
Whittier, California 90606

Consultant: Richard Orr, PG
Associate Geologist
Leighton Consulting, Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730

2.3 Environmental Protection Agency (US EPA) Identification Number and EnviroStor Database Number

The EnviroStor Database Number for the Site is 60001878.

EPA Identification Number: No US Environmental Protection Agency (USEPA) identification number was assigned for the Site as the waste was identified as non-hazardous.



2.4 Township, Range, Section and Meridian

The Site is located within Section 25 of Township 2 South, Range 12 West, of the San Bernardino Baseline and Meridian, within the City of Whittier, Los Angeles County, California. Topographic map coverage of the Site vicinity is provided by the United States Geological Survey (USGS) *Whittier, California* Quadrangle (1981).

2.5 Land Use and Zoning

Information available from the City of Whittier, Planning Department, indicates the Site parcel 8177-019-905 is zoned for use as a school.

2.6 Operational History and Status

Based on historical records, land usage is summarized as follows:

Time Period	Land Usage	Reference
Prior to 1899	Unknown	
1899 to 1902	Undeveloped land	Topographic Maps
1902 to 1928	Unknown	None
1928 to 1956	Agricultural	Topographic Maps, Aerial Photographs,
1956 to Present	Pioneer High School	Topographic Maps, Aerial Photographs, Site Reconnaissance, and Interviews

Based on a review of historical documents, manufacturing or other industrial activities have not been conducted on the Site. The Site was developed for agricultural use for approximately 26 years.

2.7 Topography

The subject property is located within Section 25 of Township 2 South, Range 12 West, of the San Bernardino Baseline and Meridian, Los Angeles County, California. Topographic map coverage of the subject property is provided by the United States Geological Survey (USGS) *Whittier, California* Quadrangle (1981).



The track surrounding the football field is shown on the map. Evidence of oil wells or water wells was not indicated on the subject property. The elevation of the property is approximately 150-feet above mean sea level (amsl). The surrounding land slopes gently to the south southwest.

2.8 Geology and Hydrogeology of Surrounding Area

The subject property is located in the Los Angeles Basin. The basin is bounded on the north by the Santa Monica Mountains and the Puente Hills, on the east and south by the Santa Ana Mountains and San Joaquin Hills. The subject property is located in the east end of the basin approximately 3.0 miles south of the Whittier Fault zone and approximately 12.0 miles east of the Newport-Inglewood Fault. The subject property is underlain by Holocene and late Pleistocene young alluvial wash deposits consisting of unconsolidated silt, sand, and gravel.

The Site is located within the eastern portion of the San Gabriel Valley Groundwater Basin. The San Gabriel Valley Basin is bounded to the north by the Raymond fault and the contact between Quaternary sediments and the crystalline rocks of the San Gabriel Mountains, the basin is bounded to the south and west by the consolidated rocks of the Repetto and Merced Formations and by the Puente Hills. The basin is bounded on the east by the Chino and San Jose faults. The Rio Hondo and San Gabriel Rivers have their headwaters in the San Gabriel Mountains and flow south and west across the basin exiting at Whittier Narrows between the Puente and Merced Hills. Waterbearing units within the basin consist of semi-consolidated and unconsolidated sediments of streams flowing out of the San Gabriel Mountains.

According to the Fourth Quarter Semi-Annual Conceptual Site Model Update 76 Service Station #6907 (HFA, 2013), depth to groundwater is approximately 35 feet below ground surface.

The school receives its drinking water and irrigation water supply from the City of Whittier.

2.9 Site Geology and Soil Types

Soils observed locally in the area of the Site generally consisted of brown, fine grained silty sand. The silty sand extends to approximately 12 feet below ground



surface. Below the silty sand, the soils consist of fine to medium grained silty sand with pebbles consisting of granitic rock. The soils appear to be of alluvial origin.

2.10 Site Hydrogeologic Settings

Groundwater was not encountered during subsurface exploration conducted by Leighton Consulting during the PEA equivalent or the SSI assessments (Leighton Consulting, 2013c). Based on Site topography, surface water likely drains as sheet flow to the south across the Site during rainy periods. It should be noted that ground water levels may fluctuate during periods of precipitation (Leighton Consulting, 2013). The groundwater in the area of the Site is anticipated to flow to the south-southwest.

2.11 Surrounding Land Use and Sensitive Ecosystems

At the time of the remedial excavation, surrounding land use was observed to be residential and commercial properties.

Based on Leighton Consulting's PEA equivalent review of available environmental records, reports, maps and Site history, it is Leighton Consulting's opinion that sensitive ecosystems are not known to exist adjacent to the Site (Leighton Consulting, 2013). The outline of the Pioneer High School Athletic Complex modernization and the surrounding land use is shown on Figure 2.

2.12 Meteorology

The Site vicinity is located in an area of typical Mediterranean climate, characterized by warm dry summers and mild winters. The temperatures in the vicinity of the Site range between 55 and 70° Fahrenheit in the winter to between 75 and 95° Fahrenheit in the summer.

The Montebello National Weather Service station is the closest monitoring station to the Site. Data from this station indicates that, for the years 1979 through 2005, the highest average monthly temperature was 89.7° F and the lowest average monthly temperature was 47.2° F. The average total precipitation is 15.4 inches per year. No snowfall was recorded (Western Regional Climate Center, 2013).



2.13 Previous Site Investigations

2.13.1 Phase I Environmental Site Assessments (ESA)

A Phase I ESA for the portions of Pioneer High School planned for modernization, including the Site, was completed by Leighton Consulting on January 25, 2013 (Leighton Consulting, 2013a). The Phase I ESA evaluated that the school site and surrounding vicinity had been previously used for agriculture. An electrical transformer was identified in the modernization area. Based on the findings of the Phase I ESA, Leighton Consulting recommended that the soils within the modernization area be sampled for organochlorine pesticides (OCPs), arsenic related to the former agricultural use, lead related to the possible use of lead based paint on the older buildings, and PCBs related to the presence of the electrical transformer.

2.13.2 Limited Phase II ESA

A Limited Phase II Soil Investigation report was prepared for the 13-acre modernization portion of the school site by Leighton Consulting, dated March 27, 2013 (Leighton Consulting, 2013b). On February 14, February 15, and March 5, 2013, Leighton Consulting personnel performed field activities including the collection of 60 soil samples from 29 locations in the vicinity of the stadium bleachers, varsity baseball field dugouts, sports equipment containers located west of the southern bleachers, and the sports equipment containers, bleachers adjacent to the softball field, and the transformer beneath the northern football bleachers. Soil samples were transported to EnviroChem in Pomona, California, for analysis.

OCPs were not detected at concentrations exceeding residential California Human Health Screening Levels (CHHSLs) (OEHHA, 2005). The concentrations of metals were below the residential CHHSLs for each of the metals with the exception of arsenic and lead (Leighton Consulting, 2013b). Based on the laboratory results, the concentration of arsenic ranged from 1.25 – 24.4 milligrams per kilogram (mg/kg) with each of the 12 samples analyzed for arsenic exceeding the residential CHHSL of 0.07 mg/kg. The highest arsenic concentration (24.4 mg/kg) was compared to the ambient concentration of 12 mg/kg for soils in Southern California



(DTSC, 2008). Based on the comparison, arsenic was identified as a chemical of potential concern (COPC).

The concentration of lead ranged from 3.15 – 276 mg/kg with two of the 43 samples analyzed for lead exceeding the residential CHHSL of 80 mg/kg. As a result, additional step-out samples were collected surrounding the two sample locations that exceeded the residential CHHSL for lead. The step-out sample analyses showed that the high lead concentrations were confined to very small areas on the Site and was considered a *de minimus* impact, therefore lead is not considered a COPC.

Concentrations of PCBs were not detected in the vicinity of the pad mounted transformer, therefore PCBs were not considered a COPC.

2.13.3 Preliminary Environmental Assessment (PEA) Equivalent

WUHSD submitted the Phase I ESA and Limited Phase II ESA to the DTSC and requested that they be reviewed PEA equivalent. The DTSC agreed to accept the Phase I ESA and Limited Phase II ESA as a PEA equivalent and requested that a supplemental site investigation (SSI) be performed for the athletic fields to evaluate for impacts from arsenic, based on the presence of arsenic in step-out samples.



3.0 RESPONSE GOALS, ACTION LEVELS AND OBJECTIVES

3.1 Housekeeping Response Goals and Action Levels

The goal of the removal action is for impacted soils above the DTSC approved clean-up levels to be excavated, removed from the Site and disposed of off-site.

Based upon the results of the Site investigations and PEA equivalent, the following clean-up levels were identified for the chemical of concern (arsenic) found at the Site.

- 12 mg/kg for arsenic

As part of the NFA decision, DTSC will review that necessary housekeeping response actions have been completed and that Site conditions do not pose a significant risk to students, staff, and faculty at the Site.

3.2 Remedial Action Objectives

The removal action objectives (RAOs) were designed to prevent exposure and/or migration of contaminants at the Site and included:

- Minimizing exposure of humans to the COCs in shallow soil through inhalation, dermal absorption, and ingestion. Minimizing potential for migration of COCs from the soil to other media via the removal of soils.
- Removing soils containing concentrations of arsenic greater than 12 mg/kg from the Site, based on 95% UCL criteria.
- Obtaining a No Further Action (NFA) decision by DTSC for the Site after completion of the housekeeping action during the SSI.



4.0 NATURE, SOURCE AND EXTENT OF CONTAMINATION

4.1 Type, Source, and Location of Contaminants

Laboratory analytical results of soil samples taken during previous investigations and summarized in the SSI, indicated that elevated concentrations of arsenic in soil were present at the site.

The PEA equivalent investigations identified the presence of arsenic concentrations in soil samples in excess of residential CHHSLs and the DTSC recognized southern California ambient background arsenic concentration of 12 mg/kg. The maximum concentration of arsenic identified on the Site was 40.0 mg/kg.

It appears that the elevated arsenic concentrations were associated with the former use of the Site as an orchard and the application of arsenical pesticides.

4.2 Extent and Volume of Contamination Identified and Removed

The removed soils with elevated arsenic concentrations were confined to two small areas in the vicinity of sample locations AG-14 and AG-17 on the southeastern and southwestern portions of the football field, respectively. The removal area, the depth of the area, and the results of confirmation sampling are shown on Figure 3. During the housekeeping action, arsenic impacted soil was limited to the upper 1.0 foot at location AG-17 and to the upper 1.0 foot in location AG-14 with a small region excavated to 3.0 feet (Figures 2 and 3).

The estimated yardage of arsenic impacted soil removed was 8.5 cubic yards. The final removed tonnage of arsenic impacted soil is 17.10 tons, based on the truck weights recorded on the bills of lading recorded by the disposal facilities.



5.0 REMOVAL ACTION IMPLEMENTATION

5.1 Housekeeping Action Overview

The housekeeping actions performed at the Site to achieve the RAOs for the project consisted of:

- Project oversight and management, including coordination and guidance of subcontractors during excavation activities, and agency correspondence;
- Excavation of soils containing elevated concentrations of arsenic greater than 12 mg/kg from the modernization area;
- Loading, transport and disposal of stockpiled soil to a permitted off-site disposal facility;

5.2 Plans and Permits

No local, state, or federal permits were required for the excavation and removal of the on-site soils.

5.3 Removal Activities

Site set up, equipment mobilization, and removal action, commenced at the Site on August 29, 2013. The removal action was completed in one day under the oversight of Leighton Consulting. Remedial excavation and hauling was performed by BDC Special Waste Services, Inc. of Azusa, California, a licensed contractor with current Hazardous Waste Operation and Emergency Response (HAZWOPER) certification.

5.3.1 Site Preparation

Prior to excavation activities, Underground Service Alert (USA) was contacted to locate public underground utilities. Removal excavation areas were delineated on the Site using stakes and marking paint according to the excavation boundaries agreed upon during consultation with the DTSC.



5.3.2 Housekeeping Excavation Area and Operations

Prior to the start of Site excavation activities, arsenic impacted soil to be disposed of offsite was profiled to an appropriate disposal facility using soil samples collected during the SSI investigation. The arsenic impacted soil was profiled for disposal at the Azusa Land Reclamation site in Azusa, California. Confirmation soil samples were collected from the excavation areas prior to the excavation. The confirmation sample locations are shown on Figures 3 and 4. The confirmation soil samples were transported under chain-of-custody procedures to a California Department of Environmental Health certified analytical laboratory for analysis.

5.4 Loading, Transport, and Disposal

On August 29, 2013, the excavation and direct loading of known arsenic-impacted soil occurred at the Site. The material was transported by BDC Special Waste Services for disposal. The truck load of soil was disposed of at the Azusa Land Reclamation site. To prevent contaminant migration, the load was covered with dust covers prior to exiting the Site. In addition, the exterior surfaces and tires of trucks were brushed off and inspected prior to issuance of the bill of lading to the trucker.

The bill of lading tracking the truckload leaving the Site is included in Appendix D.

5.5 Field Documentation

During field activities, Leighton Consulting personnel were on Site to monitor, document, and oversee the housekeeping activities. A daily field log was maintained to document activities that occurred at the site. Leighton Consulting field personnel also photographed excavations and conditions at the Site during the remedial action. The field report and photographs are available upon request. Confirmation soil sampling activities were also documented and photographed by Leighton Consulting personnel.



6.0 SAMPLING ACTIVITIES

6.1 Arsenic Confirmation Sampling Procedure

Prior to the proposed housekeeping excavation, confirmation samples were collected at depths of 1.0 and 3.0 feet, the excavation bottoms. Sidewall samples were not collected as the excavation is bounded by sample locations containing arsenic concentrations less than the housekeeping response level. Bottom samples CS-1 through CS-4 were collected at 1.0 foot below ground surface in excavation AG-17. Bottom sample CS-5 was collected at 3.0 feet below ground surface and bottom sample CS-6 was collected at 1.0 foot below ground surface in excavation AG-14.

Samples were collected using a decontaminated stainless hand auger. The hand auger was decontaminated between samples by scrubbing in a solution of potable water and non-phosphate detergent. The hand auger was then rinsed in clean potable water then double rinsed in distilled water. Samples were transferred to laboratory-supplied 4-ounce glass jars with Teflon[®]-lined lids. Samples were collected such that no headspace remained in the sample jar. Samples were stored in an ice-chilled cooler prior to and during transport to the analytical laboratory. Samples were transported under chain-of-custody procedures to EnviroChem Laboratories in Pomona, California for analysis.

6.2 Arsenic Confirmation Sampling Locations

Confirmation sample locations are shown on Figures 3 and 4. Six samples were collected from the bottom of the excavation

6.3 Arsenic Confirmation Sampling Results

A total of six confirmation samples were collected during the housekeeping activities. Arsenic was not detected in the confirmation samples at concentrations exceeding the action level. Arsenic results were reported on a dry weight basis. The locations of the confirmation soil samples are shown on Figures 3 and 4 and the results are summarized in Table 1. Laboratory analytical reports for confirmation samples are attached in Appendix C.



6.4 Data Validation and Evaluation

Laboratory Data Consultants, Inc (LDC) of Carlsbad, California performed a data validation under USEPA Level II guidelines. LDC's data validation reports presents the Precision, Accuracy, Representativeness, Comparability and Completeness (PARCC) results for all the Sample Delivery Groups (SDGs). Each PARCC criterion is discussed below. The LDC reports are included in Appendix C.

The laboratory analysis validation was completed using the following documents:

USEPA, Contract Laboratory Program National Functional Guidelines for Organic Data Review, dated October 1999.

USEPA SW 846, Third Edition, Test Methods for Evaluating Solid Waste, update 1, July 1992, update IIA, August 1993; update II, September 1994; update IIB, January 1995; update III, December 1996; update IIIA, April 1998.

Precision and Accuracy of Environmental Data

LDC evaluated the laboratory data using data quality indicators, including matrix spike and matrix spike duplicates (MS/MSD), LCS, and surrogates. LDC evaluated the precision and accuracy of the laboratory data for the removal action confirmation samples. The sample data were considered "*acceptable after integration of qualification of estimated results as specifically noted in the data validation reports.*"

Representativeness

LDC evaluated the samples for each laboratory method performed and for holding time compliance. Samples were associated with a method blank in each individual sample delivery group (SDG). LDC evaluated that the representativeness of the project laboratory data was considered acceptable.

Comparability

LDC reports that sampling frequency requirements were met by collecting duplicates and field blanks. LDC evaluated that the laboratory used standard analytical methods for the requested analysis. The laboratory data were



reported in the correct standard units. Holding times, sample preservation and sample integrity were found to be within Quality Control criteria. LDC evaluated that the overall comparability is considered acceptable.

Completeness

Of the six analytes reported there were no rejected sample results. LDC reported that the completeness for all of the SDG is as follows:

Parameter	Total Analytes	No. of Rejects	% Completeness
Arsenic	6	0	100
Total	6	0	100

Therefore, LDC reports that the completeness percentage of 100% met the 90% Data Quality Objectives (DQO) goal. The LDC reports are found in Appendix C following the EnviroChem Laboratories analytical reports.

6.5 Discussion

The low concentrations of arsenic in the confirmation samples collected from the Site indicate that the Site housekeeping action goal was met. Results of the PARCC level II data analysis show that the precision, accuracy, representativeness, completeness, and comparability of the analyses was adequate to meet the DQOs required by the DTSC and that the data can be considered reliable.



7.0 SITE RESTORATION

The housekeeping excavations occurred during the demolition and grading of the Site in preparation for the modernization of the Site. As a result, no Site restoration was necessary. The excavations were backfilled with uncompacted soil from elsewhere on the Site to prevent injury to workers from the open excavation.



8.0 HEALTH AND SAFETY PLAN IMPLEMENTATION

Leighton Consulting and its subcontractors operated in accordance with the most current Occupational Safety and Health Administration (OSHA) regulations including 29 Code of Federal Regulations (CFR) 1910.120, Hazardous Waste Operations and Emergency Response, and 29 CFR 1926, Construction Industry Standards, as well as other applicable federal, state, and local laws and regulations. Procedures specified in the Health and Safety Plan (HASP) were followed during the housekeeping action.



9.0 FIELD VARIANCES

No field variations were identified during the housekeeping action.



10.0 APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARs)

10.1 Introduction

During this remedial action, a variety of federal, state, and local regulations or requirements govern specific actions. This section provides a brief summary of the compliance with Applicable or Relevant and Appropriate Requirements (ARARs).

10.2 Resource Conservation and Recovery Act

Federal RCRA regulations governing hazardous waste management provide both action- and chemical-specific ARARs that may apply to the Site.

Waste Identification. Soil excavated and removed from the Site would be regulated as hazardous waste if it meets the federal definition provided in 40 CFR 261. The impacted soil was not identified as a RCRA Federal Hazardous Waste.

10.3 California Hazardous Waste Control Act

Rules and criteria for the identification, storage, treatment, transportation, and disposal of hazardous wastes are established in these regulations under Chapter 6.5 of the California Health and Safety Code, and in Title 22 of the CCR. Hazardous wastes that are generated, transported, treated, or disposed of within the State of California are subject to specific regulatory control.

The impacted soil was not identified as California Regulated Hazardous Waste.

10.4 California Environmental Quality Act (CEQA)

WUHSD has completed the CEQA process for the proposed modernization project and evaluated that the proposed modernization will not result in a significant adverse impact on the environment. CEQA was not required for this limited housekeeping action.



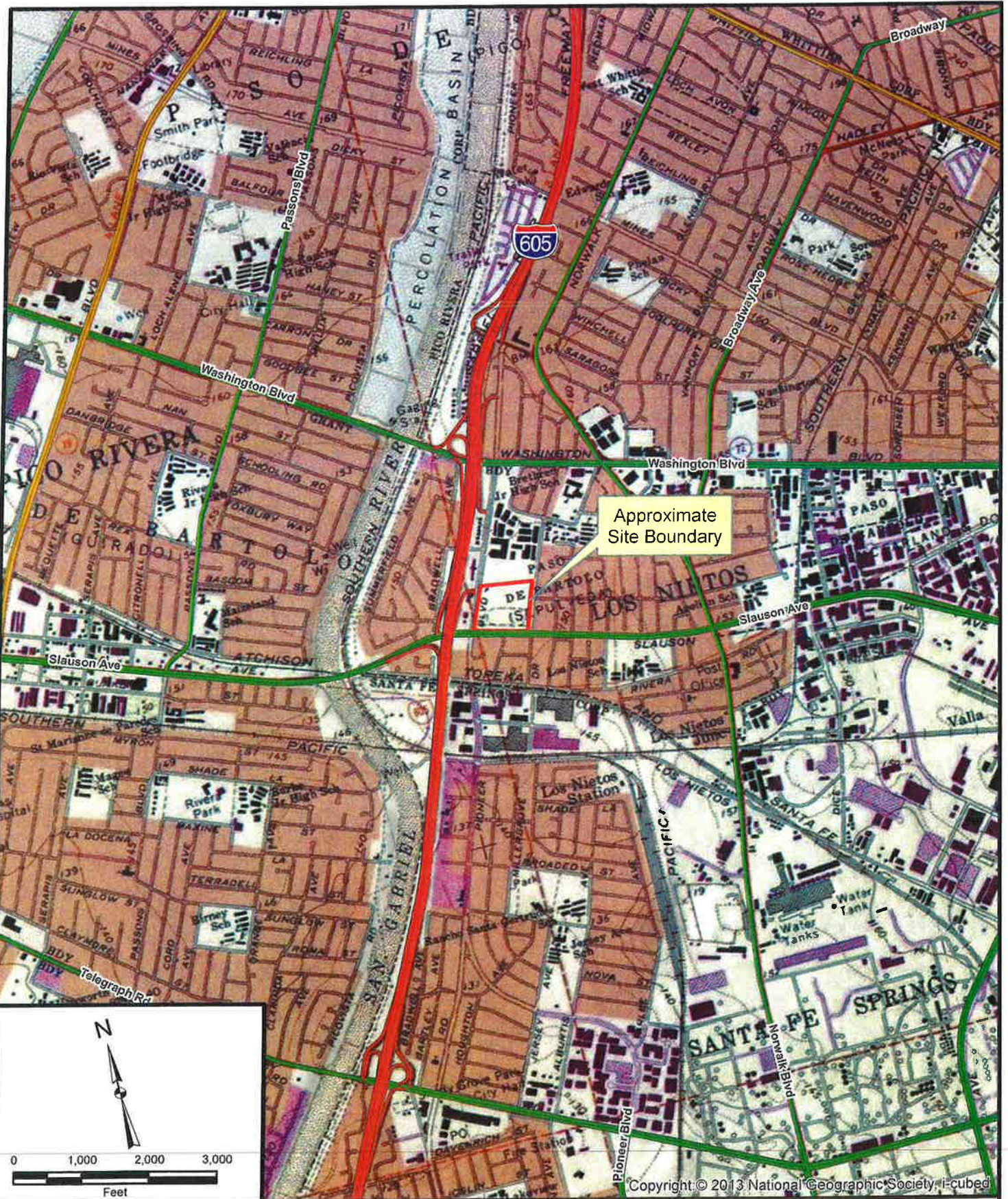
11.0 CONCLUSIONS AND RECOMMENDATIONS

Leighton Consulting has prepared this housekeeping action completion report on behalf of the WUHSD for the proposed Pioneer High School Modernization, located at 10800 Ben Avon, Whittier, Los Angeles County, California. The approximately 13-acre Site is comprised of existing athletic fields, bleachers, and storage buildings. Elevated levels of arsenic in surface and subsurface soils on the southeastern and southwestern portions of the football field were identified during the SSI. The Site investigation activities identified the extent of soil impact and a plan to perform a housekeeping action was developed to reduce the risk to human health and the environment.

The removal of approximately 17.10 tons (approximately 8.75 cubic yards) of arsenic impacted soil from the Site was successfully completed and the material was transported off-site for proper disposal. Confirmation soil samples collected from the excavation bottom depths showed that the housekeeping action goal for arsenic in soil was attained.

Leighton Consulting concludes based on the findings presented in this housekeeping action completion report, no further action is warranted at the Site and no restrictions should be placed on development of the planned WUHSD Modernization. On behalf of the WUHSD, Leighton Consulting requests a "No Further Action" decision from the DTSC for the WUHSD Modernization site.





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Project: 10084.002	Eng/Geol: RLO
Scale: 1" = 2,000'	Date: October, 2013
Base Map: ESRI Resource Center, 2010 Thematic Info: Leighton Author: Geomatics (btran)	

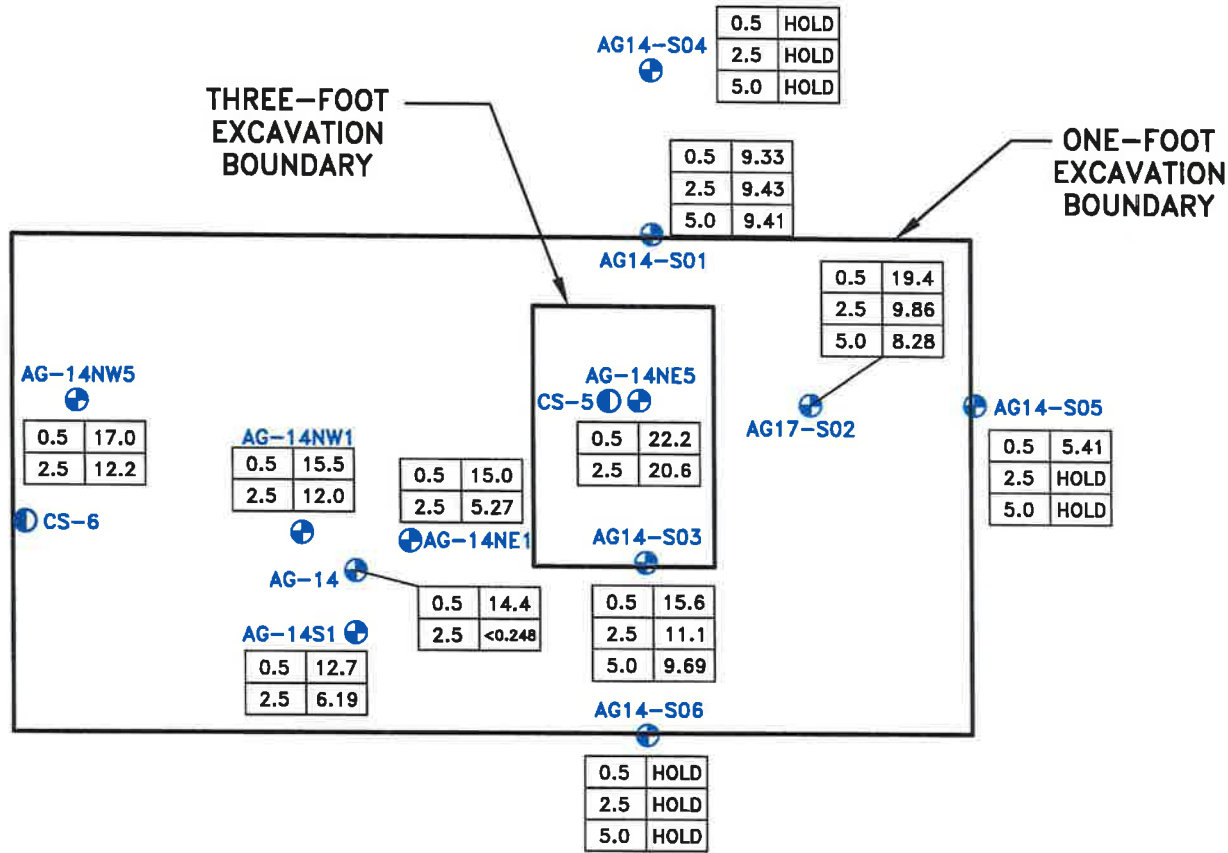
SITE LOCATION MAP

Pioneer High School Stadium Modernization
10800 Benavon Avenue
Whittier, California

Figure 1



Leighton



LEGEND

DEPTH OF EXCAVATION = 3 FEET
EXCAVATION VOLUME 5.6 CYD

CS-4



CONFIRMATION SAMPLE LOCATION

AG-14



INVESTIGATION SAMPLE LOCATION



Proj: 10084.002

Eng/Geol: RLO

Scale: 1"=3'

Date: 08/2013

ARSENIC SOIL EXCAVATION PLAN (AG-14)

WUHS Pioneer High School SSI
10800 Ben Avon Street
Whittier, California

FIGURE 3



Leighton

Table 1
Summary of Arsenic Confirmation Samples

WUHSD Pioneer HS
 10800 Benavon Avenue
 Whittier, California

Sample ID (Depth in Feet)	Sample Date	Arsenic (mg/kg)
CS-1-1.0	8/16/2013	2.65
CS-2-1.0	8/16/2013	2.30
CS-3-1.0	8/16/2013	9.51
CS-4-1.0	8/16/2013	3.26
CS-5-3.0	8/16/2013	8.84
CS-6-1.0	8/16/2013	3.94
600-1*	8/16/2013	<0.005
CHHSLs (residential)		0.07
DTSC Approved Cleanup Level		12

Notes:

CHHSL = California Human Health Screening Level

mg/kg = milligrams per kilogram

* = reported in milligrams per liter

APPENDIX A
REFERENCES

APPENDIX A

REFERENCES

- ASTM, 2005, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-05*, dated November 1, 2005.
- California State Senate, 2013, *Find Your California Representative*, <http://findyourrep.legislature.ca.gov/>, Accessed June 6, 2013.
- Department of Toxic Substances Control (DTSC), 2006, *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*, dated June 9, 2006.
- DTSC, 2008, *Determination of a Southern California Regional Background Arsenic Concentration in Soil*, presented at the Society of Toxicology Conference, March, 2008.
- DTSC, 2008, *Interim Guidance for Sampling Agricultural Properties (Third Revision)*, dated April 30, 2008.
- DTSC, California Regional Water Quality Control Board, Los Angeles Region, and California Regional Water Quality Control Board San Francisco Bay Region, 2012, *Advisory – Active Soil Gas Investigations*, State of California, dated April, 2012.
- Leighton Consulting, Inc., 2013a, *Phase I Environmental Site Assessment for the Stadium Modernization Project on the Existing Pioneer High School Campus, Located at 10800 Benavon Avenue, Whittier, Los Angeles County, California*, dated January 25, 2013, Project No. 10084.001.
- Leighton Consulting, Inc., 2013b, *Phase I Environmental Site Assessment Addendum Report for the Stadium Modernization Project on the Existing Pioneer High School Campus, Located at 10800 Ben Avon Avenue, Whittier, Los Angeles County, California*, dated March 27, 2013, Project No. 10084.002.
- Leighton Consulting, Inc., 2013c, *Draft Technical Memorandum, Supplemental Site Investigation, Pioneer High School Athletic Complex Modernization, 10800 Ben Avon Street, Whittier, California*, dated June 4, 2013, Project No. 10083.002.

Office of Environmental Health Hazard Assessment (OEHHA), 2005, *Use of California Human Health Screening Levels (CHHSLs) in Evaluation of Contaminated Properties*, dated January, 2005.

APPENDIX B

DTSC LETTER APPROVING HOUSEKEEPING ACTION

Richard Orr

From: Garcia, Angela@DTSC <Angela.Garcia@dtsc.ca.gov>
Sent: Friday, August 09, 2013 12:25 PM
To: Richard Orr
Cc: Taylor, Debra@DTSC
Subject: RE: New excavation plans

Hi Richard:

DTSC has reviewed the revised excavation boundaries for the removals of arsenic impacted soil. Based on our review, DTSC concurs with the submittal and the District may proceed with the house keeping. If you have any question please contact me at 626-975-4845.

Thanks.
Angela

From: Richard Orr [rorr@leightongroup.com]
Sent: Friday, August 09, 2013 9:32 AM
To: Garcia, Angela@DTSC; Haddad, Shahir@DTSC
Subject: FW: New excavation plans

Angela/Shahir - Per our discussion yesterday, please review the attached modified excavation plans and confirmation sample points (CS locations) on the attached plans. If you are in agreement with this approach please provide your authorization to proceed and we will schedule the removals with the construction manager at the site. We are hoping to receive your approval today so that we can schedule the removals on Monday or Tuesday next week.

We will notify you immediately of the schedule once we have arranged it with the construction crew.

Thanks,

Richard L. Orr, PG
Associate Geologist
Leighton Consulting, Inc.
10532 Acacia Street, Suite B-6
Rancho Cucamonga, CA 91730
(909) 527-8782 (909) 484-2170 FAX (909)525-6246 CELL
Geotechnical | Geoenvironmental | Materials Testing
SOLUTIONS YOU CAN BUILD ON

 Please consider the environment before printing this e-mail.

Richard Orr

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To: Richard Orr
Cc: Taylor, Debra@DTSC
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APPENDIX C

LABORATORY ANALYTICAL DATA FOR CONFIRMATION SAMPLES & LDC DATA QUALITY ANALYSIS

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

Date: August 19, 2013

Mr. Richard Orr
Leighton Consulting
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

Project: **10084.002**
Lab I.D.: **130816-28 through -34**

Dear Mr. Orr:

The **analytical results** for the soil and water samples, received by our lab on August 16, 2013, are attached. The samples were received chilled, intact and with chain of custody record.

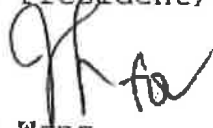
Trace concentrations between the MDL and the PQL have been reported with a "J" flag indicator.

Enviro-Chem appreciates the opportunity to provide you and your company this and other services. Please do not hesitate to call us if you have any questions.

Sincerely,



Curtis Desilets
Vice President/Program Manager



Andy Wang
Laboratory Manager

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.002

MATRIX: SOIL

DATE RECEIVED: 08/16/13

SAMPLING DATE: 08/16/13

DATE ANALYZED: 08/19/13

REPORT TO: Mr. RICHARD ORR

DATE REPORTED: 08/19/13

EPA 6010B FOR TTLC-ARSENIC

UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include CS-1-1.0 to CS-6-1.0 and Method Blank. Values range from 2.65 to 9.51 mg/Kg.

COMMENTS:

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = DF X PQL
ND = Non-Detected or below the Actual Detection Limit
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 8/19/2013

Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130816-33	50.0	103	<i>PASS</i>	3.94	50.0	48.4	89%	48.3	89%	0%
Copper(Cu)	130816-33	50.0	108	<i>PASS</i>	20.5	50.0	63.1	85%	63.3	86%	0%
Lead(Pb)	130816-33	50.0	110	<i>PASS</i>	6.85	50.0	50.0	86%	50.0	86%	0%

ANALYSIS DATE. : 8/16/2013

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130815-34	0.125	95	<i>PASS</i>	0	0.125	0.107	86%	0.111	89%	3%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	<i>PASS</i>	<i>PASS</i>	<i>PASS</i>	<i>PASS</i>
Copper(Cu)	<i>PASS</i>	<i>PASS</i>	<i>PASS</i>	<i>PASS</i>
Lead(Pb)	<i>FAIL</i>	<i>PASS</i>	<i>PASS</i>	<i>PASS</i>
Mercury (Hg)	<i>PASS</i>	<i>PASS</i>	<i>PASS</i>	<i>PASS</i>
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: **Leighton Consulting**
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: **10084.002**

MATRIX: WATER

DATE RECEIVED: 08/16/13

SAMPLING DATE: 08/16/13

DATE ANALYZED: 08/19/13

REPORT TO: Mr. RICHARD ORR

DATE REPORTED: 08/19/13

EPA 200.7 FOR TOTAL ARSENIC

UNITS: mg/L = MILLIGRAM PER LITER = PPM

SAMPLE I.D.	LAB I.D.	ARSENIC RESULT	DF
600-1	130816-34	ND	1
Method Blank	---	ND	1
	MDL	0.005	
	PQL	0.01	

COMMENTS:

DF = Dilution Factor

PQL = Practical Quantitation Limit

Actual Detection Limit = DF X PQL

ND = Non-Detected or below the Actual Detection Limit

Data Reviewed and Approved by: 

CAL-DHS ELAP CERTIFICATE No.: 1555

QA/QC for TLLC Metals Analysis --WATER MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 8/19/2013

Unit : *mg/L(ppm)*

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130816-34	1.00	105	PASS	0	1.00	0.984	98%	0.975	98%	1%
Chromium(Cr)	130816-34	1.00	92	PASS	0	1.00	0.898	90%	0.871	87%	3%
Zinc(Zn)	130816-34	1.00	111	PASS	0.080	1.00	1.12	104%	1.12	104%	0%

ANALYSIS DATE. : 8/16/2013

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130815-26	0.00250	92	PASS	0	0.00250	0.00210	84%	0.00210	84%	0%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Zinc(Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: 

FINAL REVIEWER: 

Enviro-Chem, Inc. Laboratories
 1214 E. Lexington Avenue,
 Pomona, CA 91766
 Tel: (909) 590-5905 Fax: (909) 590-5907
CA-DHS ELAP CERTIFICATE #1555

Turnaround Time
 Same Day
 24 Hours
 48 Hours
 72 Hours
 1 Week (Standard)
 Other:

RUSH

As Collected

Misc.

SAMPLE ID	LAB ID	SAMPLING		MATRIX	No. OF CONTAINERS	TEMPERATURE	PRESERVATION	Analysis Required				COMMENTS
		DATE	TIME									
CS-1-1.0	1308/6-28	8/16/13	1200	Soil	1		ice	X				
CS-2-1.0	-29		1152	↓	↓			X				
CS-3-1.0	-30		1145	↓	↓			X				
CS-4-1.0	-31		1139	↓	↓			X				
CS-5-3.0	-32		1113	↓	↓			X				
CS-6-1.0	-33		1119	↓	↓			X				
600-1	-34	8/16/13	1206	water	1		ice	X				

Company Name: Leighton Consulting
 Address: 10532 Acacia St Ste B-6
 City/State/Zip: Rancho Cucamonga, CA 91730

Project Contact: Richard Orr
 Tel: (909) 484-2205
 Fax: (909) 484-2170

Sampler's Signature: [Signature]
 Project Name/ID: 10084002

Relinquished by: [Signature]

Received by: [Signature]
 Received by:
 Received by:

Date & Time: 8/16/13 1250
 Date & Time:
 Date & Time:

Instructions for Sample Storage After Analysis:
 Dispose of Return to Client Store (30 Days)
 Other:

CHAIN OF CUSTODY RECORD

8/16/13

Page 1

**Laboratory Data Consultants, Inc.
Data Validation Report**

Project/Site Name: Pioneer HS
Collection Date: August 16, 2013
LDC Report Date: September 23, 2013
Matrix: Soil/Water
Parameters: Arsenic
Validation Level: EPA Level II
Laboratory: Enviro-Chem, Inc.
Sample Delivery Group (SDG): 130816

Sample Identification

CS-1-1.0
CS-2-1.0
CS-3-1.0
CS-4-1.0
CS-5-3.0
CS-6-1.0
600-1
CS-6-1.0MS
CS-6-1.0MSD
600-1MS
600-1MSD

Introduction

This data review covers 8 soil samples and 3 water samples listed on the cover sheet including dilutions and reanalysis as applicable. The analyses were per EPA SW 846 Method 6010B and EPA Method 200.7 for Arsenic.

This review follows a modified outline of the USEPA Contract Laboratory Program National Functional Guidelines for Inorganic Superfund Data Review (January 2010).

A qualification summary table is provided at the end of this report if data has been qualified. Flags are classified as P (protocol) or A (advisory) to indicate whether the flag is due to a laboratory deviation from a specified protocol or is of technical advisory nature.

Raw data were not reviewed for this SDG. The review was based on QC data.

The following are definitions of the data qualifiers:

- U Indicates the compound or analyte was analyzed for but not detected at or above the stated limit.
- J Indicates an estimated value.
- R Quality control indicates the data is not usable.
- NJ Presumptive evidence of presence of the compound at an estimated quantity.
- UJ Indicates the compound or analyte was analyzed for but not detected. The sample detection limit is an estimated value.
- A Indicates the finding is based upon technical validation criteria.
- P Indicates the finding is related to a protocol/contractual deviation.
- None Indicates the data was not significantly impacted by the finding, therefore qualification was not required.

I. Technical Holding Times

All technical holding time requirements were met.

The chain-of-custodies were reviewed for documentation of cooler temperatures. All cooler temperatures met validation criteria.

II. ICPMS Tune

ICP-MS was not utilized in this SDG.

III. Calibration

Calibration data were not reviewed for Level II.

IV. Blanks

Method blanks were reviewed for each matrix as applicable. No arsenic was found in the preparation blanks.

Sample 600-1 was identified as an equipment blank. No arsenic was found.

V. ICP Interference Check Sample (ICS) Analysis

ICP Interference check sample analysis data were not reviewed for Level II.

VI. Matrix Spike/Matrix Spike Duplicates

Matrix spike (MS) and matrix spike duplicate (MSD) samples were reviewed for each matrix as applicable. Percent recoveries (%R) and relative percent differences (RPD) were within QC limits.

VII. Duplicate Sample Analysis

The laboratory has indicated that there were no duplicate (DUP) analyses specified for the samples in this SDG, and therefore duplicate analyses were not performed for this SDG.

VIII. Laboratory Control Samples (LCS)

Laboratory control samples were reviewed for each matrix as applicable. Percent recoveries (%R) were within QC limits.

IX. Internal Standards (ICP-MS)

ICP-MS was not utilized in this SDG.

X. Furnace Atomic Absorption QC

Graphite furnace atomic absorption was not utilized in this SDG.

XI. ICP Serial Dilution

ICP serial dilution was not performed for this SDG.

XII. Sample Result Verification

Raw data were not reviewed for this SDG.

XIII. Overall Assessment of Data

Data flags are summarized at the end of this report if data has been qualified.

XIV. Field Duplicates

No field duplicates were identified in this SDG.

**Pioneer HS
Arsenic - Data Qualification Summary - SDG 130816**

No Sample Data Qualified in this SDG

**Pioneer HS
Arsenic - Laboratory Blank Data Qualification Summary - SDG 130816**

No Sample Data Qualified in this SDG

**Pioneer HS
Arsenic - Field Blank Data Qualification Summary - SDG 130816**

No Sample Data Qualified in this SDG

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.002

MATRIX: SOIL

DATE RECEIVED: 08/16/13

SAMPLING DATE: 08/16/13

DATE ANALYZED: 08/19/13

REPORT TO: Mr. RICHARD ORR

DATE REPORTED: 08/19/13

EPA 6010B FOR TTLC-ARSENIC

UNITS: mg/Kg = MILLIGRAM PER KILOGRAM = PPM

Table with 4 columns: SAMPLE I.D., LAB I.D., ARSENIC RESULT, DF. Rows include CS-1-1.0 to CS-6-1.0 with corresponding lab IDs and arsenic results.

Method Blank --- ND 1

MDL 0.248
PQL 0.30

COMMENTS:

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = DF X PQL
ND = Non-Detected or below the Actual Detection Limit
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
STLC Limit for Arsenic = 5 PPM
* = STLC analysis is recommended (if marked)
*** = The concentration exceeds the TTLC Limit @ 500 PPM, therefore the sample is defined as hazardous waste as per CCR-TITLE 22 (if marked)

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

144 0924/13

Enviro - Chem, Inc.

1214 E. Lexington Avenue, Pomona, CA 91766 Tel (909) 590-5905 Fax (909) 590-5907

LABORATORY REPORT

CUSTOMER: Leighton Consulting
10532 Acacia, Suite B-6
Rancho Cucamonga, CA 91730
Tel (909) 484-2205 Fax (909) 484-2170

PROJECT: 10084.002

MATRIX: WATER

DATE RECEIVED: 08/16/13

SAMPLING DATE: 08/16/13

DATE ANALYZED: 08/19/13

REPORT TO: Mr. RICHARD ORR

DATE REPORTED: 08/19/13

EPA 200.7 FOR TOTAL ARSENIC
UNITS: mg/L = MILLIGRAM PER LITER = PPM

SAMPLE I.D.	LAB I.D.	ARSENIC RESULT	DF
600-1	130816-34	ND	1
Method Blank	---	ND	1
	MDL	0.005	
	PQL	0.01	

COMMENTS:

DF = Dilution Factor
PQL = Practical Quantitation Limit
Actual Detection Limit = DF X PQL
ND = Non-Detected or below the Actual Detection Limit

Data Reviewed and Approved by: [Signature]
CAL-DHS ELAP CERTIFICATE No.: 1555

11/14/13

QA/QC for Metals Analysis --TTLC--SOLID/SOIL MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 8/19/2013

Unit : mg/Kg(ppm)

Analysis	Spk.Sample ID	CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130816-33	50.0	103	PASS	3.94	50.0	48.4	89%	48.3	89%	0%
Copper(Cu)	130816-33	50.0	108	PASS	20.5	50.0	63.1	85%	63.3	86%	0%
Lead(Pb)	130816-33	50.0	110	PASS	6.85	50.0	50.0	86%	50.0	86%	0%

ANALYSIS DATE. : 8/16/2013

Analysis	Spk.Sample ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130815-34	0.125	95	PASS	0	0.125	0.107	86%	0.111	89%	3%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Copper(Cu)	PASS	PASS	PASS	PASS
Lead(Pb)	FAIL	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____

FINAL REVIEWER: _____

M409213

QA/QC for TLLC Metals Analysis --WATER MATRIX

Matrix Spike/ Matrix Spike Duplicate/ LCS :

ANALYSIS DATE: 8/19/2013

Unit : mg/L(ppm)

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Arsenic(As)	130816-34	1.00	105	PASS	0	1.00	0.984	98%	0.975	98%	1%
Chromium(Cr)	130816-34	1.00	92	PASS	0	1.00	0.898	90%	0.871	87%	3%
Zinc(Zn)	130816-34	1.00	111	PASS	0.080	1.00	1.12	104%	1.12	104%	0%

ANALYSIS DATE. : 8/16/2013

Analysis	Spk.Sample BATCH ID	LCS CONC.	LCS %Rec.	LCS STATUS	Sample Result	Spike Conc.	MS	% Rec MS	MSD	% Rec MSD	% RPD
Mercury (Hg)	130815-26	0.00250	92	PASS	0	0.00250	0.00210	84%	0.00210	84%	0%

MS/MSD Status:

Analysis	%MS	%MSD	%LCS	%RPD
Arsenic(As)	PASS	PASS	PASS	PASS
Chromium(Cr)	PASS	PASS	PASS	PASS
Zinc(Zn)	PASS	PASS	PASS	PASS
Mercury (Hg)	PASS	PASS	PASS	PASS
Accepted Range	75 ~ 125	75 ~ 125	85 ~ 115	0 ~ 20

ANALYST: _____ 

FINAL REVIEWER: _____ 

M4092413

LDC #: 30446D4
 SDG #: 130816
 Laboratory: Enviro-Chem, Inc.

VALIDATION COMPLETENESS WORKSHEET

Level II

Date: 9/20/13

Page: 1 of 1

Reviewer: [Signature]

2nd Reviewer: [Signature]

METHOD: ~~Metals~~ (EPA SW 846 Method 6010B/EPA 200.7)

The samples listed below were reviewed for each of the following validation areas. Validation findings are noted in attached validation findings worksheets.

	Validation Area		Comments
I.	Technical holding times	A	Sampling dates: 8/16/13
II.	ICP/MS Tune	N	not utilized
III.	Calibration	N	
IV.	Blanks	A	
V.	ICP Interference Check Sample (ICS) Analysis	N	
VI.	Matrix Spike Analysis	A	
VII.	Duplicate Sample Analysis	N	
VIII.	Laboratory Control Samples (LCS)	A	LCS
IX.	Internal Standard (ICP-MS)	N	not utilized
X.	Furnace Atomic Absorption QC	N	
XI.	ICP Serial Dilution	N	
XII.	Sample Result Verification	N	
XIII.	Overall Assessment of Data	A	
XIV.	Field Duplicates	N	
XV.	Field Blanks	ND	FB = 7

Note: A = Acceptable
 N = Not provided/applicable
 SW = See worksheet

ND = No compounds detected
 R = Rinsate
 FB = Field blank

D = Duplicate
 TB = Trip blank
 EB = Equipment blank

Validated Samples: All soil except 9, 10, 11 [Signature]

1	CS-1-1.0	11	600-1MSD [Signature]	21	[Signature]	31
2	CS-2-1.0	12		22		32
3	CS-3-1.0	13		23		33
4	CS-4-1.0	14		24		34
5	CS-5-3.0	15		25		35
6	CS-6-1.0	16		26		36
7	600-1 [Signature]	17		27		37
8	CS-6-1.0MS	18		28		38
9	CS-6-1.0MSD	19		29		39
10	600-1MS [Signature]	20		30		40

Notes: _____

APPENDIX D
DISPOSAL DOCUMENTS



Azusa Land Reclamation
 1211 W. Gladstone St.
 Azusa, CA, 91702
 Ph: 626-224-9127

Original
 Ticket# 452021

Customer Name ACCORDENGINEERINGCO ACCORD EN Carrier BDC WM BDC
 Ticket Date 08/29/2013 Vehicle# TRAILER Volume 40.0
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0000960
 State Waste Code Gen EPA ID
 Manifest 248193 VehicleLicense: NOT NEEDED
 Destination Generator 144-WHITTIER SCHOOL DISTRICT PIONE
 FO Profile 614699CA (SPWASTECOVERRGC*ACCORD)

Time	Scale	Scale Attendant	Inbound	Gross	
In 08/29/2013 09:45:44	Scale 1	agendron		30900	lb
Out 08/29/2013 09:45:44		agendron		12020	lb
				Net	18880
				Tons	9.44

Comments:

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 SpwasteCover-RGC-To	100	9.44	Tons				Whittier
2 FUEL-Fuel Surcharg	100		%				Whittier
3 RCR-P Regulatory C	100		%				Whittier
4 EVF-L-Standard Env	100	1	Load				Whittier

Total Tax
 Total Ticket

Drivers Signature: _____



Azusa Land Reclamation
 1211 W. Gladstone St.
 Azusa, CA, 91702
 Ph: 626-224-9127

Original
 Ticket# 452020

Customer Name ACCORDENGINEERINGCO ACCORD EN Carrier BDC WM BDC
 Ticket Date 08/29/2013 Vehicle# 412568 Volume 40.0
 Payment Type Credit Account Container
 Manual Ticket# Driver
 Hauling Ticket# Check#
 Route Billing # 0000960
 State Waste Code Gen EPA ID
 Manifest 248193 VehicleLicense: 8L58192
 Destination Generator 144-WHITTIER SCHOOL DISTRICT PIONE
 PO Profile 614699CA (SPWASTECOVERRGC"ACCORD

Time	Scale	Scale Attendant	Inbound	Gross	45500 lb
In 08/29/2013 09:44:20	Scale 1	agandron		Tare	30180 lb
Out 08/29/2013 09:44:20		agand, on		Net	15320 lb
				Tons	7.66

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 SpwasteCoverRGC-To	100	7.66	Tons				Whittier
2 FUEL-Fuel Surcharg	100		%				Whittier
3 RDR-P-Regulatory C	100		%				Whittier
4 EVF-L-Standard Env	100	1	Load				Whittier

Total Tax
 Total Ticket

Drivers Signature: _____

BDC SPECIAL WASTE SERVICES



1211 GLADSTONE ST. • AZUSA, CA 91702
(626) 969-1384 • FAX (626) 969-4971

No. 248193

NON-HAZARDOUS WASTE DATA FORM

TO BE COMPLETED BY GENERATOR

NAME WHITTIER SCHOOL DISTRICT CONTACT: _____

ADDRESS 10800 BEN AVON EPA I.D. NO. NOT REQUIRED

CITY, STATE, ZIP WHITTIER, CA 90606 PHONE NO. (714) 241-2000

CONTAINERS: No. 2 CM VOLUME/CY 30 WEIGHT/TONS _____

TYPE: ROLL-OFF TRUCK DUMP TRUCK DRUMS CARTONS OTHER _____

WASTE DESCRIPTION NON HAZARDOUS SOIL GENERATING PROCESS REMOVAL

COMPONENTS OF WASTE	PPM %	COMPONENTS OF WASTE	PPM %
1. _____	_____	3. _____	_____
2. _____	_____	4. _____	_____

VOC-OVA READINGS _____

SITE ADDRESS _____

PROPERTIES pH N/A SOLID LIQUID SLUDGE SLURRY OTHER ACCORD

HANDLING INSTRUCTIONS: USE PROPER SAFETY EQUIPMENT - PROFILE#614699CA

GENERATOR'S CERTIFICATION: I HEREBY CERTIFY THAT THE CONTENTS OF THIS SHIPMENT ARE FULLY AND ACCURATELY DESCRIBED AND ARE IN ALL RESPECT IN PROPER CONDITION FOR TRANSPORT. THE MATERIALS DESCRIBED ON THIS MANIFEST ARE NOT SUBJECT TO FEDERAL HAZARDOUS WASTE REGULATIONS.

TYPED OR PRINTED FULL NAME & SIGNATURE

8/29/13
DATE

TRANSPORTER I

NAME BDC SPECIAL WASTE SERVICES EPA I.D. NO. CA R000181891

ADDRESS 1211 W. GLADSTONE AVE. SERVICE ORDER NO. _____

CITY, STATE, ZIP AZUSA, CA 91702 PICK UP DATE _____

PHONE NO. (626) 969-1384 Bob Rodriguez 8/29/13
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TRANSPORTER II

NAME _____ EPA I.D. NO. _____

ADDRESS _____ SERVICE ORDER NO. _____

CITY, STATE, ZIP _____ PICK UP DATE _____

PHONE NO. () _____ TYPED OR PRINTED FULL NAME & SIGNATURE DATE

TSD FACILITY

NAME AZUSA LAND RECLAMATION EPA I.D. NO. C00009007525 DISPOSAL METHOD _____

ADDRESS 1211 W. GLADSTONE LANDFILL OTHER _____

CITY, STATE, ZIP AZUSA, CA 91702

PHONE NO. (626) 224-9127 _____
TYPED OR PRINTED FULL NAME & SIGNATURE DATE

GEN	OLD/NEW	L	A	TONS
TRANS		S	B	
C/O		RT/CD	HWDF	NONE

DISCREPANCY

APPENDIX E

Arsenic UCL Statistics for Full Data Sets

User Selected Options
 From File Sheet1.wst
 Full Precision OFF
 Confidence Coefficient 95%
 Number of Bootstrap Operations 2000

arsenic

General Statistics

Number of Valid Observations 139 Number of Distinct Observations 122

Raw Statistics

Minimum	1.01	Log-transformed Statistics	
Maximum	24.4	Minimum of Log Data	0.00995
Mean	8.865	Maximum of Log Data	3.195
Geometric Mean	7.752	Mean of log Data	2.048
Median	8.68	SD of log Data	0.56
SD	4.297		
Std. Error of Mean	0.364		
Coefficient of Variation	0.485		
Skewness	0.725		

Relevant UCL Statistics

Normal Distribution Test		Lognormal Distribution Test	
Lilliefors Test Statistic	0.0793	Lilliefors Test Statistic	0.0982
Lilliefors Critical Value	0.0751	Lilliefors Critical Value	0.0751
Data not Normal at 5% Significance Level		Data not Lognormal at 5% Significance Level	

Assuming Normal Distribution

95% Student's-t UCL	9.468	Assuming Lognormal Distribution	
95% UCLs (Adjusted for Skewness)		95% H-UCL	9.911
95% Adjusted-CLT UCL (Chen-1995)	9.488	95% Chebyshev (MVUE) UCL	11.07
95% Modified-t UCL (Johnson-1978)	9.472	97.5% Chebyshev (MVUE) UCL	11.93
		99% Chebyshev (MVUE) UCL	13.64

Gamma Distribution Test

k star (bias corrected)	3.806	Data Distribution	
Theta Star	2.329	Data appear Gamma Distributed at 5% Significance Level	
MLE of Mean	8.865		
MLE of Standard Deviation	4.544		
nu star	1058		
Approximate Chi Square Value (.05)	983.6	Nonparametric Statistics	
Adjusted Level of Significance	0.0483	95% CLT UCL	9.464
Adjusted Chi Square Value	982.9	95% Jackknife UCL	9.468
		95% Standard Bootstrap UCL	9.459

Anderson-Darling Test Statistic

Anderson-Darling Test Statistic	0.43	95% Bootstrap-t UCL	9.508
Anderson-Darling 5% Critical Value	0.757	95% Hall's Bootstrap UCL	9.492
Kolmogorov-Smirnov Test Statistic	0.0675	95% Percentile Bootstrap UCL	9.476
Kolmogorov-Smirnov 5% Critical Value	0.0797	95% BCA Bootstrap UCL	9.478
Data appear Gamma Distributed at 5% Significance Level		95% Chebyshev(Mean, Sd) UCL	10.45
		97.5% Chebyshev(Mean, Sd) UCL	11.14
		99% Chebyshev(Mean, Sd) UCL	12.49

Assuming Gamma Distribution

95% Approximate Gamma UCL (Use when n >= 40)	9.536
95% Adjusted Gamma UCL (Use when n < 40)	9.544

Potential UCL to Use

Use 95% Approximate Gamma UCL 9.536

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL. These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002) and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.

	A	B	C	D	E	F	G	H	I	J	K	L			
1				Lead UCL Statistics for Full Data Sets											
2	User Selected Options														
3	From File			Sheet1.wst											
4	Full Precision			OFF											
5	Confidence Coefficient			95%											
6	Number of Bootstrap Operations			2000											
7															
8															
9	Lead														
10															
11	General Statistics														
12	Number of Valid Observations						43			Number of Distinct Observations			41		
13															
14	Raw Statistics						Log-transformed Statistics								
15	Minimum						2.93			Minimum of Log Data			1.075		
16	Maximum						276			Maximum of Log Data			5.62		
17	Mean						28.48			Mean of log Data			2.663		
18	Geometric Mean						14.34			SD of log Data			1.122		
19	Median						12.8								
20	SD						46.05								
21	Std. Error of Mean						7.023								
22	Coefficient of Variation						1.617								
23	Skewness						4.092								
24															
25	Relevant UCL Statistics														
26	Normal Distribution Test						Lognormal Distribution Test								
27	Shapiro Wilk Test Statistic						0.552			Shapiro Wilk Test Statistic			0.949		
28	Shapiro Wilk Critical Value						0.943			Shapiro Wilk Critical Value			0.943		
29	Data not Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level								
30															
31	Assuming Normal Distribution						Assuming Lognormal Distribution								
32	95% Student's-t UCL						40.29			95% H-UCL			41.49		
33	95% UCLs (Adjusted for Skewness)						95% Chebyshev (MVUE) UCL						49.92		
34	95% Adjusted-CLT UCL (Chen-1995)						44.71			97.5% Chebyshev (MVUE) UCL			60.13		
35	95% Modified-t UCL (Johnson-1978)						41.02			99% Chebyshev (MVUE) UCL			80.2		
36															
37	Gamma Distribution Test						Data Distribution								
38	k star (bias corrected)						0.813			Data appear Lognormal at 5% Significance Level					
39	Theta Star						35.02								
40	MLE of Mean						28.48								
41	MLE of Standard Deviation						31.58								
42	nu star						69.94								
43	Approximate Chi Square Value (.05)						51.69			Nonparametric Statistics					
44	Adjusted Level of Significance						0.0444			95% CLT UCL			40.03		
45	Adjusted Chi Square Value						51.14			95% Jackknife UCL			40.29		
46										95% Standard Bootstrap UCL			40		
47	Anderson-Darling Test Statistic						1.494			95% Bootstrap-t UCL			51.12		
48	Anderson-Darling 5% Critical Value						0.784			95% Hall's Bootstrap UCL			89.58		
49	Kolmogorov-Smirnov Test Statistic						0.172			95% Percentile Bootstrap UCL			41.27		
50	Kolmogorov-Smirnov 5% Critical Value						0.14			95% BCA Bootstrap UCL			48.06		
51	Data not Gamma Distributed at 5% Significance Level						95% Chebyshev(Mean, Sd) UCL						59.09		
52							97.5% Chebyshev(Mean, Sd) UCL						72.34		

	A	B	C	D	E	F	G	H	I	J	K	L	
53	Assuming Gamma Distribution						99% Chebyshev(Mean, Sd) UCL 98.36						
54	95% Approximate Gamma UCL (Use when $n \geq 40$)						38.54						
55	95% Adjusted Gamma UCL (Use when $n < 40$)						38.95						
56													
57	Potential UCL to Use						Use 95% H-UCL 41.49						
58													
59	ProUCL computes and outputs H-statistic based UCLs for historical reasons only.												
60	H-statistic often results in unstable (both high and low) values of UCL95 as shown in examples in the Technical Guide.												
61	It is therefore recommended to avoid the use of H-statistic based 95% UCLs.												
62	Use of nonparametric methods are preferred to compute UCL95 for skewed data sets which do not follow a gamma distribution.												
63													
64	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.												
65	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)												
66	and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.												
67													

	A	B	C	D	E	F	G	H	I	J	K	L			
1				General UCL Statistics for Full Data Sets											
2	User Selected Options														
3	From File			AG-14 post-excavation											
4	Full Precision			OFF											
5	Confidence Coefficient			95%											
6	Number of Bootstrap Operations			2000											
7															
8															
9	Arsenic														
10															
11	General Statistics														
12	Number of Valid Observations						12			Number of Distinct Observations			12		
13															
14	Raw Statistics						Log-transformed Statistics								
15	Minimum						2.89			Minimum of Log Data			1.061		
16	Maximum						13.5			Maximum of Log Data			2.603		
17	Mean						8.678			Mean of log Data			2.082		
18	Geometric Mean						8.02			SD of log Data			0.445		
19	Median						9.42								
20	SD						3.196								
21	Std. Error of Mean						0.923								
22	Coefficient of Variation						0.368								
23	Skewness						-0.293								
24															
25	Relevant UCL Statistics														
26	Normal Distribution Test						Lognormal Distribution Test								
27	Shapiro Wilk Test Statistic						0.958			Shapiro Wilk Test Statistic			0.897		
28	Shapiro Wilk Critical Value						0.859			Shapiro Wilk Critical Value			0.859		
29	Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level								
30															
31	Assuming Normal Distribution						Assuming Lognormal Distribution								
32	95% Student's-t UCL						10.33			95% H-UCL			11.7		
33	95% UCLs (Adjusted for Skewness)						95% Chebyshev (MVUE) UCL						13.79		
34	95% Adjusted-CLT UCL (Chen-1995)						10.11			97.5% Chebyshev (MVUE) UCL			15.96		
35	95% Modified-t UCL (Johnson-1978)						10.32			99% Chebyshev (MVUE) UCL			20.22		
36															
37	Gamma Distribution Test						Data Distribution								
38	k star (bias corrected)						4.933			Data appear Normal at 5% Significance Level					
39	Theta Star						1.759								
40	MLE of Mean						8.678								
41	MLE of Standard Deviation						3.907								
42	nu star						118.4								
43	Approximate Chi Square Value (.05)						94.27			Nonparametric Statistics					
44	Adjusted Level of Significance						0.029			95% CLT UCL			10.2		
45	Adjusted Chi Square Value						90.99			95% Jackknife UCL			10.33		
46										95% Standard Bootstrap UCL			10.1		
47	Anderson-Darling Test Statistic						0.434			95% Bootstrap-t UCL			10.24		
48	Anderson-Darling 5% Critical Value						0.731			95% Hall's Bootstrap UCL			10.13		
49	Kolmogorov-Smirnov Test Statistic						0.216			95% Percentile Bootstrap UCL			10.1		
50	Kolmogorov-Smirnov 5% Critical Value						0.246			95% BCA Bootstrap UCL			10.08		
51	Data appear Gamma Distributed at 5% Significance Level						95% Chebyshev(Mean, Sd) UCL						12.7		
52							97.5% Chebyshev(Mean, Sd) UCL						14.44		

	A	B	C	D	E	F	G	H	I	J	K	L	
53	Assuming Gamma Distribution						99% Chebyshev(Mean, Sd) UCL						17.86
54	95% Approximate Gamma UCL (Use when $n \geq 40$)					10.9							
55	95% Adjusted Gamma UCL (Use when $n < 40$)					11.29							
56													
57	Potential UCL to Use						Use 95% Student's-t UCL						10.33
58													
59	Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.												
60	These recommendations are based upon the results of the simulation studies summarized in Singh, Singh, and Iaci (2002)												
61	and Singh and Singh (2003). For additional insight, the user may want to consult a statistician.												
62													
63	Note: For highly negative-skewed data, confidence limits												
64	(e.g., Chen, Johnson, Lognormal, and Gamma) may not be												
65	reliable. Chen's and Johnson's methods provide												
66	adjustments for positively skewed data sets.												
67													

	A	B	C	D	E	F	G	H	I	J	K	L						
1				General UCL Statistics for Full Data Sets														
2	User Selected Options																	
3	From File			AG-17 post-excavation														
4	Full Precision			OFF														
5	Confidence Coefficient			95%														
6	Number of Bootstrap Operations			2000														
7																		
8																		
9	arsenic																	
10																		
11	General Statistics																	
12	Number of Valid Observations						8			Number of Distinct Observations						8		
13																		
14	Raw Statistics						Log-transformed Statistics											
15	Minimum						3.07			Minimum of Log Data						1.122		
16	Maximum						8.74			Maximum of Log Data						2.168		
17	Mean						5.876			Mean of log Data						1.722		
18	Geometric Mean						5.598			SD of log Data						0.338		
19	Median						5.435											
20	SD						1.931											
21	Std. Error of Mean						0.683											
22	Coefficient of Variation						0.329											
23	Skewness						0.491											
24																		
25																		
26	Warning: There are only 8 Values in this data																	
27	Note: It should be noted that even though bootstrap methods may be performed on this data set,																	
28	the resulting calculations may not be reliable enough to draw conclusions																	
29																		
30	The literature suggests to use bootstrap methods on data sets having more than 10-15 observations.																	
31																		
32	Relevant UCL Statistics																	
33	Normal Distribution Test						Lognormal Distribution Test											
34	Shapiro Wilk Test Statistic						0.91			Shapiro Wilk Test Statistic						0.932		
35	Shapiro Wilk Critical Value						0.818			Shapiro Wilk Critical Value						0.818		
36	Data appear Normal at 5% Significance Level						Data appear Lognormal at 5% Significance Level											
37																		
38	Assuming Normal Distribution						Assuming Lognormal Distribution											
39	95% Student's-t UCL						7.17			95% H-UCL						7.754		
40	95% UCLs (Adjusted for Skewness)						95% Chebyshev (MVUE) UCL						8.958					
41	95% Adjusted-CLT UCL (Chen-1995)						7.126			97.5% Chebyshev (MVUE) UCL						10.29		
42	95% Modified-t UCL (Johnson-1978)						7.189			99% Chebyshev (MVUE) UCL						12.9		
43																		
44	Gamma Distribution Test						Data Distribution											
45	k star (bias corrected)						6.632			Data appear Normal at 5% Significance Level								
46	Theta Star						0.886											
47	MLE of Mean						5.876											
48	MLE of Standard Deviation						2.282											
49	nu star						106.1											
50	Approximate Chi Square Value (.05)						83.35			Nonparametric Statistics								
51	Adjusted Level of Significance						0.0195			95% CLT UCL						6.999		
52	Adjusted Chi Square Value						78.25			95% Jackknife UCL						7.17		

APPENDIX F

Important Information About Your Geoenvironmental Report

Geoenvironmental studies are commissioned to gain information about environmental conditions on and beneath the surface of a site. The more comprehensive the study, the more reliable the assessment is likely to be. But remember: Any such assessment is to a greater or lesser extent based on professional opinions about conditions that cannot be seen or tested. Accordingly, no matter how many data are developed, risks created by unanticipated conditions will always remain. *Have realistic expectations.* Work with your geoenvironmental consultant to manage known and unknown risks. Part of that process should already have been accomplished, through the risk allocation provisions you and your geoenvironmental professional discussed and included in your contract's general terms and conditions. This document is intended to explain some of the concepts that may be included in your agreement, and to pass along information and suggestions to help you manage your risk.

Beware of Change; Keep Your Geoenvironmental Professional Advised

The design of a geoenvironmental study considers a variety of factors that are subject to change. Changes can undermine the applicability of a report's findings, conclusions, and recommendations. *Advise your geoenvironmental professional about any changes you become aware of.* Geoenvironmental professionals cannot accept responsibility or liability for problems that occur because a report fails to consider conditions that did not exist when the study was designed. Ask your geoenvironmental professional about the types of changes you should be particularly alert to. Some of the most common include:

- modification of the proposed development or ownership group,
- sale or other property transfer,
- replacement of or additions to the financing entity,
- amendment of existing regulations or introduction of new ones, or
- changes in the use or condition of adjacent property.

Should you become aware of any change, *do not rely on a geoenvironmental report.* Advise your geoenvironmental professional immediately; follow the professional's advice.

Recognize the Impact of Time

A geoenvironmental professional's findings, recommendations, and conclusions cannot remain valid indefinitely. The more time that passes, the more likely it is that important latent changes will occur. *Do not rely on a geoenvironmental report if too much time has elapsed since it was completed.* Ask your environmental professional to define "too much time." In the case of Phase I Environmental Site Assessments (ESAs), for example, more than 180 days after submission is generally considered "too much."

Prepare To Deal with Unanticipated Conditions

The findings, recommendations, and conclusions of a Phase I ESA report typically are based on a review of historical information, interviews, a site "walkover," and other forms of noninvasive research. When site subsurface conditions are not sampled in any way, the risk of unanticipated conditions is higher than it would otherwise be.

While borings, installation of monitoring wells, and similar invasive test methods can help reduce the risk of unanticipated conditions, *do not overvalue the effectiveness of testing.* Testing provides information about actual conditions only at the precise locations where samples are taken, and only when they are taken. Your geoenvironmental professional has applied that specific information to develop a general opinion about environmental conditions. *Actual conditions in areas not sampled may differ (sometimes sharply) from those predicted in a report.* For example, a site may contain an unregistered underground storage tank that shows no surface trace of its existence. *Even conditions in areas that were tested can change,* sometimes suddenly, due to any number of events, not the least of which include occurrences at

adjacent sites. Recognize, too, that *even some conditions in tested areas may go undiscovered*, because the tests or analytical methods used were designed to detect only those conditions assumed to exist.

Manage your risks by retaining your geoenvironmental professional to work with you as the project proceeds. Establish a contingency fund or other means to enable your geoenvironmental professional to respond rapidly, in order to limit the impact of unforeseen conditions. And to help prevent any misunderstanding, identify those empowered to authorize changes and the administrative procedures that should be followed.

Do Not Permit Any Other Party To Rely on the Report

Geoenvironmental professionals design their studies and prepare their reports to meet the specific needs of the clients who retain them, in light of the risk management methods that the client and geoenvironmental professional agree to, and the statutory, regulatory, or other requirements that apply. The study designed for a developer may differ sharply from one designed for a lender, insurer, public agency...or even another developer. *Unless the report specifically states otherwise, it was developed for you and only you.* Do not unilaterally permit any other party to rely on it. The report and the study underlying it may not be adequate for another party's needs, and you could be held liable for shortcomings your geoenvironmental professional was powerless to prevent or anticipate. Inform your geoenvironmental professional when you know or expect that someone else—a third-party—will want to use or rely on the report. *Do not permit third-party use or reliance until you first confer with the geoenvironmental professional who prepared the report.* Additional testing, analysis, or study may be required and, in any event, appropriate terms and conditions should be agreed to so both you and your geoenvironmental professional are protected from third-party risks. *Any party who relies on a geoenvironmental report without the express written permission of the professional who prepared it and the client for whom it was prepared may be solely liable for any problems that arise.*

Avoid Misinterpretation of the Report

Design professionals and other parties may want to rely on the report in developing plans and specifications. They need to be advised, in writing, that their needs may not have been considered when the study's scope was developed, and, even if their needs were considered, they might misinterpret geoenvironmental findings, conclusions, and recommendations. *Commission your geoenvironmental professional to explain pertinent elements of the report to others who are permitted to rely on it, and to review any plans, specifications or other instruments of professional service that incorporate any of the report's findings, conclusions, or recommendations.* Your geoenvironmental professional has the best understanding of the issues involved, including the fundamental assumptions that underpinned the study's scope.

Give Contractors Access to the Report

Reduce the risk of delays, claims, and disputes by giving contractors access to the full report, *providing that it is accompanied by a letter of transmittal that can protect you* by making it unquestionably clear that: 1) the study was not conducted and the report was not prepared for purposes of bid development, and 2) the findings, conclusions, and recommendations included in the report are based on a variety of opinions, inferences, and assumptions and are subject to interpretation. Use the letter to also advise contractors to consult with your geoenvironmental professional to obtain clarifications, interpretations, and guidance (a fee may be required for this service), and that—in any event—they should conduct additional studies to obtain the specific type and extent of information each prefers for preparing a bid or cost estimate. Providing access to the full report, with the appropriate caveats, helps prevent formation of adversarial attitudes and claims of concealed or differing conditions. If a contractor elects to ignore the warnings and advice in the letter of transmittal, it would do so at its own risk. Your geoenvironmental professional should be able to help you prepare an effective letter.

Do Not Separate Documentation from the Report

Geoenvironmental reports often include supplemental documentation, such as maps and copies of regulatory files, permits, registrations, citations, and correspondence with regulatory agencies. If subsurface explorations were performed, the report may contain final boring logs and copies of laboratory data. If remediation activities occurred on site, the report may include: copies of daily field reports; waste manifests; and information about the disturbance of subsurface materials, the type and thickness of any fill placed on site, and fill placement practices, among other types of documentation. *Do not separate supplemental documentation from the report. Do not, and do not permit any other party to redraw or modify any of the supplemental documentation for incorporation into other professionals' instruments of service.*

Understand the Role of Standards

Unless they are incorporated into statutes or regulations, standard practices and standard guides developed by the American Society for Testing and Materials (ASTM) and other recognized standards-developing organizations (SDOs) are little more than aspirational methods agreed to by a consensus of a committee. The committees that develop standards may not comprise those best-qualified to establish methods and, no matter what, no standard method can possibly consider the infinite client- and project-specific variables that fly in the face of the theoretical "standard conditions" to which standard practices and standard guides apply. In fact, these variables can be so pronounced that geoenvironmental professionals who comply with every directive of an ASTM or other standard procedure could run afoul of local custom and practice, thus violating the standard of care.

Accordingly, when geoenvironmental professionals indicate in their reports that they have performed a service "in general compliance" with one standard or another, it means they have applied professional judgement in creating and implementing a scope of service designed for the specific client and project involved, and which follows some of the general precepts laid out in the referenced standard. To the extent that a report indicates "general compliance" with a standard, you may wish to speak with your geoenvironmental professional to learn more about what was and was not done. *Do not assume a given standard was followed to the letter.* Research indicates that that seldom is the case.

Realize That Recommendations May Not Be Final

The technical recommendations included in a geoenvironmental report are based on assumptions about actual conditions, and so are preliminary or tentative. Final recommendations can be prepared only by observing actual conditions as they are exposed. For that reason, you should retain the geoenvironmental professional of record to observe construction and/or remediation activities on site, to permit rapid response to unanticipated conditions. *The geoenvironmental professional who prepared the report cannot assume responsibility or liability for the report's recommendations if that professional is not retained to observe relevant site operations.*

Understand That Geotechnical Issues Have Not Been Addressed

Unless geotechnical engineering was specifically included in the scope of professional service, a report is not likely to relate any findings, conclusions, or recommendations about the suitability of subsurface materials for construction purposes, especially when site remediation has been accomplished through the removal, replacement, encapsulation, or chemical treatment of on-site soils. The

equipment, techniques, and testing used by geotechnical engineers differ markedly from those used by geoenvironmental professionals; their education, training, and experience are also significantly different. If you plan to build on the subject site, but have not yet had a geotechnical engineering study conducted, your geoenvironmental professional should be able to provide guidance about the next steps you should take. The same firm may provide the services you need.

Read Responsibility Provisions Closely

Geoenvironmental studies cannot be exact; they are based on professional judgement and opinion. Nonetheless, some clients, contractors, and others assume geoenvironmental reports are or certainly should be unerringly precise. Such assumptions have created unrealistic expectations that have led to wholly unwarranted claims and disputes. To help prevent such problems, geoenvironmental professionals have developed a number of report provisions and contract terms that explain who is responsible for what, and how risks are to be allocated. Some people mistake these for "exculpatory clauses," that is, provisions whose purpose is to transfer one party's rightful responsibilities and liabilities to someone else. Read the responsibility provisions included in a report and in the contract you and your geoenvironmental professional agreed to. *Responsibility provisions are not "boilerplate."* They are important.

Rely on Your Geoenvironmental Professional for Additional Assistance

Membership in ASFE exposes geoenvironmental professionals to a wide array of risk management techniques that can be of genuine benefit for everyone involved with a geoenvironmental project. Confer with your ASFE-member geoenvironmental professional for more information.



8811 Colesville Road/Suite G106, Silver Spring, MD 20910
Telephone: 301/565-2733 Facsimile: 301/589-2017
e-mail: info@asfe.org www.asfe.org

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