

## Appendix E

### Hazardous Materials Studies – Part 1

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**Phase I and II Environmental Site  
Assessment  
1335, 1337, 1341, and 1343 West  
141<sup>st</sup> Street, Gardena, California**

May 21, 2019

Prepared for:

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## Sign-off Sheet and Signatures of Environmental Professionals

This document entitled Phase I and II Environmental Site Assessment was prepared by Stantec Consulting Services Inc. ("Stantec") for the account of The Olson Company (the "Client"). The material in it reflects Stantec's professional judgment in light of the scope, schedule and other limitations stated in the document and in the Master Services Agreement ("MSA") between Stantec and the Client. The opinions in the document are based on conditions and information existing at the time the document was published and do not take into account any subsequent changes. In preparing the document, Stantec did not verify information supplied to it by others.

All information, conclusions, and recommendations provided by Stantec in this document regarding the Phase I ESA have been prepared under the supervision of and reviewed by the professionals whose signatures appear below.

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in § 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Property. I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

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## Abbreviations

AAI	All Appropriate Inquiry
ACM	Asbestos-containing material
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CFR	Code of Federal Regulation
CREC	Controlled Recognized Environmental Conditions
EP	Environmental Professional
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FEMA	Federal Emergency Management Agency
ft msl	Feet above mean sea level
HREC	Historical Recognized Environmental Conditions
LBP	Lead-based paint
LUST	Leaking Underground Storage Tank
NESHAP	National Emissions Standard for Hazardous Air Pollutants
PAHs	Polynuclear Aromatic Hydrocarbons
PCBs	Polychlorinated Biphenyls
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
SWMU	Solid Waste Management Unit
TSCA	Toxic Substance Control Act
USGS	United States Geological Survey
UST	Underground Storage Tank
VEC	Vapor Encroachment Condition
VOCs	Volatile Organic Compounds



Summary  
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## 1.0 SUMMARY

Stantec Consulting Services Inc. (Stantec) has completed a Phase I Environmental Site Assessment (ESA) report of the property located at 1335, 1337, 1341, and 1343 West 141<sup>st</sup> Street, City of Gardena, County of Los Angeles, California (the "Property"), on behalf of The Olson Company (the "Client").

The Phase I ESA was conducted in conformance with the requirements of American Society for Testing and Materials (ASTM) Designation E 1527-13, and All Appropriate Inquiry (AAI) as defined by the US-EPA in Title 40 of the Code of Federal Regulations, Part 312, and the MSA, except as may have been modified by the scope of work, and terms and conditions, requested by the Client. Any exceptions to, or deletions from, the ASTM or AAI practice are described in Section 2.3. In the event of any conflict between the terms and conditions of this report and the terms and conditions of the MSA, the MSA shall control.

The Property consists of approximately 2.02 acres of land developed with a nursery and two residential structures. Surrounding properties are a mix of commercial and residential properties. A Property location map is illustrated on Figure 1. A Property map illustrating the main features of the Property is provided as Figure 2. Photographs taken during the site reconnaissance visit are provided in Appendix A.

Stantec's interpretation of historical aerial photographs shows the Property as agricultural land (*i.e.*, orchards and a nursery) since circa 1950. Historic agricultural use can be a potential concern due to the possible use of pesticides and herbicides containing heavy metals. Accordingly, Stantec recommended shallow soil samples be collected across the Site to evaluate if pesticides or the heavy metals arsenic or lead exist in soil above published screening levels.

In addition, it is reported that a 500-gallon underground storage tank (UST) that reportedly contained gasoline was formerly located in the northwestern area of the nursery. The property owner reported that the UST was removed from the Property in about 1987. The Los Angeles County Department of Public Works has record of receiving a *Tank Closure Report* dated September 22, 1991. That report confirmed that a 500-gallon gasoline UST was removed in 1987. The report contained the results of one soil boring was advanced to 40 feet below ground surface (bgs) at the location of the former tank. No staining or odor was detected in the soil to 40 feet in depth. Groundwater was encountered at approximately 35 feet bgs in silty very fine-grained sand; however, after 30 minutes the static water level rose to 16 feet bgs, which indicated the aquifer is confined.

Soil samples were collected from that boring at depths of 5, 10, 20, 30, and 40 feet bgs were reportedly submitted for laboratory analysis for total petroleum hydrocarbons (TPH as gasoline, diesel, and motor oil) and aromatic volatile organic compounds (AVOCs). No detectable concentrations of TPH or AVOCs were detected in the soil samples submitted for laboratory analysis (*i.e.*, the results were "non-detect"). No soil vapor samples were collected during the tank closure activities. In a letter dated November 10, 2015, the Los Angeles County Department of Public Works (LACDPW) referred the case to the California Regional Water Quality Control Board, Los Angeles Region (CRWQCB), given groundwater was encountered but no



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sample of that groundwater was collected. As of the date of this report, CRWQCB has not required any further action or investigation in relation to the former UST or to the Property.

To evaluate the issues identified above, Stantec performed a Phase II ESA on May 10, 2019, to sample and analyze soil in order to determine whether pesticides or the heavy metals that typically accompany herbicide application (*i.e.*, lead and arsenic) are present at concentrations exceeding regulatory thresholds. Additionally, soil and soil vapor samples were collected adjacent to the former UST to evaluate if there is any impact to the subsurface that would impact residential development.

The Phase II ESA completed included two soil borings being advanced adjacent to the former gasoline UST (SB-1 and SB-2). Stantec submitted soil samples from these borings. The laboratory reported no detectable concentrations of TPH or VOCs above the laboratory limits. The two soil vapor samples collected at 7 feet bgs showed only minor detections of chloroform, benzene, and tetrachloroethylene (PCE) at maximum concentrations of 15, 18, and 37 micrograms per cubic meter (ug/m3), respectively. These concentrations are below the Residential Screening Level (RSL) for Soil Vapor using Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Note 3 with an attenuation factor of 0.001; but are above the Bay Area Region of the CRWQCB Environmental Screening Levels (ESLs) recently published using an attenuation factor of 0.03.

The appropriate regulatory agency in regard to the environmental condition of the Property, which is the County of Los Angeles Fire Department (CLAFD) Site Mitigation Unit, applies the attenuation factor of 0.001. Accordingly, based on that attenuation factor (0.001) applied to the detected concentrations, no soil vapor impact has been detected that would rise to a level requiring any further assessment or action.

Organochlorine pesticides, arsenic, and lead were detected at minor concentrations that were either below their screening level or within naturally occurring regional background levels. Additionally, the detected concentrations of the pesticides and metals do not exceed the California Hazardous Waste Level for these compounds. Therefore, the detected levels of organochlorine pesticides and metals (lead and arsenic) do not represent a REC to Site, and Stantec recommends no further investigation regarding this issue.

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527 of 1335, 1337, 1341, and 1343 West 141<sup>st</sup> Street, City of Gardena, County of Los Angeles, California, or the "Property". Any exceptions to, or deletions from, this practice are described in the Data Gaps section of this report. This assessment has revealed no evidence of RECs in connection with the Property. Stantec recommends no further investigation regarding the environmental condition of the Property.

Stantec identified the following non-ASTM issues with the Property:

- **ACM and LBP.** Given the age of the existing building on the Property (circa 1950s), the presence of lead-based paint (LBP) and asbestos containing materials (ACMs) is considered likely. Stantec recommends conducting a comprehensive, pre-demolition LBP and ACM survey in accordance with the sampling protocol of the Asbestos Hazard Emergency Response Act (AHERA) prior to any activities with the potential to disturb building materials to determine



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whether ACM are present. Further, in the event ACM is detected, Stantec recommends proper removal and disposal of the materials identified prior to any activities with the potential to disturb them.

The preceding summary is intended for informational purposes only. Reading of the full body of this report is recommended.



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## 2.0 INTRODUCTION

The objective of this Phase I ESA was to perform All Appropriate Inquiry (AAI) into the past ownership and uses of the Property consistent with good commercial or customary practice as outlined by the ASTM in “Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process”, Designation E1527-13. “All Appropriate Inquiry” (AAI) is the process for evaluating a property’s environmental conditions for the purpose of qualifying for landowner liability protections under CERCLA, following final rule of Part 312 of Title 40, Code of Federal Regulations (40 CFR Part 312). The purpose of this Phase I ESA was to identify, to the extent feasible, adverse environmental conditions including recognized environmental conditions (“RECs”) of the Property.

The ASTM E1527-13 standard indicates that the purpose of the Phase I ESA is to identify RECs, including historical recognized environmental conditions (“HRECs”), and controlled recognized environmental conditions (“CRECs”) that may exist at a property. The term “recognized environmental conditions” means the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property:

1. Due to any release to the environment;
2. Under conditions indicative of a release to the environment; or
3. Under conditions that pose a material threat of a future release to the environment.

ASTM defines a “HREC” as a REC that has occurred in connection with a property but has been addressed to the satisfaction of the applicable regulatory authority and meets current unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a HREC, the environmental professional (EP) must determine whether the past release is a REC when the current Phase I ESA is conducted (e.g., if there has been a change in the regulations). If the EP considers the past release to be a REC at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a REC.

ASTM defines a “CREC” as a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), but with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls).

As defined by ASTM, RECs can include hazardous substances or petroleum products present under conditions in compliance with laws if that presence represents a material threat of future release. The presence of hazardous substances or petroleum products is, however, not a REC if that presence is a *de minimis* condition. *De minimis* conditions are minor occurrences of contamination that generally do not present a material risk to human health and would not likely be subject to enforcement action if brought to the attention of governmental agencies.



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The scope of work conducted during this Phase I ESA consisted of a visual reconnaissance of the Property, interviews with key individuals, and review of reasonably ascertainable documents. The scope of work did not include an assessment for environmental regulatory compliance of any facility ever operated at the Property (past or present), or sampling and analyzing of environmental media. Stantec was not contracted to perform an independent evaluation of the purchase or lease price of the Property and its relationship to current fair market value. The conclusions presented in this Phase I ESA report are professional opinions based on data described herein. The opinions are subject to the limitations described in Section 2.3.

ASTM E1527-13 notes that the availability of record information varies from source to source. The User or Environmental Professional is not obligated to identify, obtain, or review every possible source that might exist with respect to a property. Instead, ASTM identifies record information that is reasonably ascertainable from standard sources. "Reasonably ascertainable" means:

1. Information that is publicly available;
2. Information that is obtainable from its source within reasonable time and cost constraints; and
3. Information that is practicably reviewable.

## 2.1 PROPERTY DESCRIPTION

The Property consists of approximately 2.02 acres of land developed with a nursery and two residential structures. Surrounding properties are a mix of commercial and residential properties. A Property location map is illustrated on Figure 1. A Property map illustrating the main features of the Property is provided as Figure 2. Photographs taken during the site reconnaissance visit are provided in Appendix A.

## 2.2 SPECIAL TERMS, CONDITIONS, AND SIGNIFICANT ASSUMPTIONS

There were no special terms, conditions, or significant assumptions associated with this Phase I ESA.

## 2.3 EXCEPTIONS AND LIMITING CONDITIONS

This report documents work that was performed in accordance with the MSA. No other representations, warranties or guarantees are made concerning the accuracy or completeness of the data or conclusions contained within this report.

This report provides an evaluation of specified environmental conditions associated with the identified property that was assessed at the time the work was conducted and is based on information obtained by and/or provided to Stantec at that time. 40 CFR 312.20(f)(2) requires that the Environmental Professional evaluate the thoroughness and reliability of provided information. Stantec can neither warrant nor guarantee such thoroughness or reliability, however.

Conclusions made within this report consist of Stantec's professional opinion as of the time of the preparation of this report and are based solely on the scope of work described in the report, the limited



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data available and the results of the work. They are not a certification of the property's environmental condition.

Project Specific limiting conditions are provided in Section 2.2.

The conclusions are based on the site conditions encountered by Stantec at the time of the work. Accordingly, additional studies and actions may be required. The identification of non-environmental risks to structures or people on the Property is beyond the scope of this assessment.

Stantec specifically disclaims any responsibility to update the conclusions in this report if new or different information later becomes available or if the conditions or activities on the property subsequently change.

### **2.4 PERSONNEL QUALIFICATIONS**

This Phase I ESA was conducted by, or under the supervision of, an individual that meets the ASTM definition of an Environmental Professional (EP). The credentials of the EP and other key Stantec personnel involved in conducting this Phase I ESA are provided in Appendix B.



User-Provided Information  
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### 3.0 USER-PROVIDED INFORMATION

ASTM E1527-13 describes responsibilities of the User to complete certain tasks in connection with the performance of “All Appropriate Inquiries” into the Property. The ASTM standard requires that the Environmental Professional request information from the User on the results of those tasks because that information can assist in the identification of RECs, CRECs, HRECs, or *de minimis* conditions in connection with the Property. To accomplish that, Stantec requested that the User provide the following documents and information:

Description of Information	Provided (Yes / No)	Description and/or Key Findings
User Questionnaire and/or Interview	Yes	The user stated that the land owner disclosed there was a former underground storage tank (UST) that contained gasoline on the Property. In addition, the property has been used as a plant nursery for decades. The UST was removed roughly 35 years ago (1987) by the current owner’s deceased father.  The Property Owners identified as Arleen Kiyoko Sakahara; Kathy Sanaye Lee; Wayne Tetsuo Nakayama; William Bo Ok Lee; Kathy Sanaye Lee; Wayne T. Nakayama; Janice Nakayama; Dick H. Sakahara; Arleen K. Sakahara; Arleen Kiyoko Sakahara; Kathy Sanaye Lee; and Wayne Tetsuo Nakayama.
Environmental Liens or Activity Use Limitations	N/A	No environmental liens or activity use limitations were identified in the Preliminary Title Report dated April 16, 2019.
Previous Environmental Permits or Reports Provided by User	No	The user reportedly does not possess any of these documents.
Purpose of the Phase I ESA	Yes	Due Diligence

Stantec requested information relevant to performance of this Phase I ESA with a written questionnaire submitted to the user of this report. A copy of the Users Questionnaire completed by Ms. Doris Nguyen, Vice President of Development for The Olson Company, and is provided in Appendix C. The significant information provided by Ms. Nguyen is summarized below.

1. Information on Environmental Cleanup Liens on the Property? – The Client is not aware of any environmental cleanup liens on the Property.
2. Information on Property Activity or Use Limitations (including Institutional and Engineering Controls)? – The Client is not aware of any activity and land use limitations on the Property.



3. Specialized knowledge or experience of the User: - The user stated that the land owner disclosed there was a former underground tank that contained petroleum fuel and the Property has been used as a plant nursery for decades. The fuel tank was removed roughly 35 years ago by the current owner's deceased father.
4. Commonly known or reasonably ascertainable information about the Property? – Not applicable.
5. The degree of obviousness or the presence or likely presence of contamination at the Property, and the ability to detect the contamination by appropriate investigation? -The Client provided no information indicating any obvious or likely present contamination.

### **3.1 SPECIALIZED KNOWLEDGE OR EXPERIENCE**

The Federal AAI rule (40 CFR §312.28) and ASTM E1527-13 require that all appropriate inquiry must take into account relevant and applicable specialized knowledge and experience on the part of the User regarding the Property, the area surrounding the Property, the conditions of adjoining properties, and any other experience relevant to identifying RECs on the Property.

Ms. Nguyen has no knowledge or experience related to the Property or nearby properties.

### **3.2 PURCHASE PRICE VS. PROPERTY VALUE**

The Federal AAI rule (40 CFR §312.29) and ASTM E1527-13 require that persons seeking defense to or protection from liability under CERCLA must take into account the relationship of the purchase price to the fair market value of the Property if it were not contaminated to assess whether or not the differential is due to the presence of releases or threatened releases of hazardous substances. This portion of the inquiry is the responsibility of the User, and the User has the option of sharing or not sharing this information with the Environmental Professional performing the Phase I ESA.

Stantec has not performed an independent evaluation of the purchase price of the Property and its relationship to fair market value. Stantec submitted a written questionnaire to the User inquiring about the User's knowledge regarding the relationship of the purchase price to the fair market value of the property if it were not contaminated.

Ms. Nguyen believes the purchase price being paid for the Property reasonably reflects the fair market value.



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## 4.0 RECORDS REVIEW

The objective of consulting historical sources of information is to develop the history of the Property and surrounding area and evaluate if past uses may have resulted in RECs. Physical setting records are evaluated to determine if the physical setting may have contributed to adverse environmental conditions in connection with the Property. During the review of historical records, Stantec attempted to identify uses of the Property from the present to the first developed use of the Property. Stantec's research included the reasonably ascertainable and useful records described in this section.

### 4.1 PHYSICAL SETTING

A summary of the physical setting of the Property is provided in the table below with additional details in the following subsections

<b>Topography:</b>	The Property is relatively flat at an elevation of approximately 53 feet above mean sea level (amsl) with a general topographic gradient to the southwest (EDR, 2019).
<b>Soil/Bedrock Data:</b>	During the subsurface investigation, the subsurface of the Property was observed to be clayey sand, sandy clay, and silty sand to approximately 10 feet below ground surface (bgs), maximum depth explored.
<b>Estimated Depth to Groundwater/ Estimated Direction of Gradient:</b>	Groundwater in the vicinity of the Property was reported at an average depth of 39.55 feet bgs with a flow direction generally to the east with a southeastward component.
<b>NOTE:</b> Site-specific groundwater flow direction and depth can only be determined by conducting site-specific testing, which Stantec has not conducted.	

#### 4.1.1 Property Topography and Surface Water Flow

The Property is relatively flat at an elevation of approximately 53 feet above mean sea level (amsl) with a general topographic gradient to the southwest (EDR, 2019). Based on the topography, surface water on the Property infiltrates the ground surface or flows overland into the curb and gutter system along Normandie Boulevard or West 141<sup>st</sup> Street. The Dominguez Channel is located approximately 0.5 mile to the northwest of the Property.

#### 4.1.2 Regional and Property Geology

The Property is located in the Los Angeles Basin within the Peninsular Ranges Geomorphic Province of southern California, which includes northwest-southeast trending series of mountainous ridges and peaks that have been developed by the San Andreas Fault System (California Division of Mines and Geology [CDMG], 1969). The stratigraphy underlying the Property consists primarily of recent-age marine and non-marine clastic rock units interbedded with alluvium sediments (CDMG, 1969).



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Part of the central sub-basin of the coastal plain, the regional geology is shaped by local geological fault systems creating associated folded rocks and uplifts. One major active fault is the Newport-Inglewood-Rose Canyon fault located approximately one mile north (USGS, 2018). According to official maps of California, the Property is not located within an Alquist-Priolo (AP) Earthquake Fault Zone boundary nor within a liquefaction zone (DOGGR, 2018).

During the subsurface investigation, the subsurface of the Property was observed to be clayey sand, sandy clay, and silty sand to approximately 10 feet below ground surface (bgs), maximum depth explored.

### 4.1.3 Regional and Property Hydrogeology

The Property is located within the West Coast sub-basin of the Coastal Plain of Los Angeles Basin, which underlies most of the area between the Dominguez gap of the Los Angeles River to the Alamitos gap of the San Gabriel River to the San Pedro Bay. The basin is constrained by the Ballona Escarpment to the north, Newport-Inglewood fault zone to the east, and the Pacific Ocean and consolidated rocks on the south and west (Department of Water Resources [DWR], 2004). The basin consists of alluvial sediments and marine water-bearing sediments (DWR, 2004).

According to the *Second Quarter 2012 Site Conceptual Model Update* for the Former Mobil Service Station 18D3X located at 14225 South Vermont Avenue, Gardena, California dated July 13, 2012, which was located approximately one mile to the southeast of the Property, groundwater was encountered at an average depth of 39.55 feet bgs with a flow direction generally to the east with a southeastward component. It is reported that an assessment of the removed UST occurred in 1991. At that time groundwater was reported to have been encountered at a depth of 35 feet bgs.

## 4.2 FEDERAL, STATE AND TRIBAL ENVIRONMENTAL RECORDS

A regulatory agency database search report was obtained from Environmental Data Resources, Inc. (EDR), a third-party environmental database search firm. A complete copy of the database search report, including the date the report was prepared, the date the information was last updated, and the definition of databases searched, is provided in Appendix D.

Stantec evaluated the information listed within the database relative to potential impact to the Property, assessing the potential for impacts based in part on the physical setting. As part of this process, inferences have been made regarding the likely groundwater flow direction at or near the Property. As described in 4.1.3, the inferred shallow groundwater flow direction is likely to be to the east with a southeastward component. Observations about the Property and surrounding properties made during the Property reconnaissance are provided in more detail in Section 5.

### 4.2.1 Listings for Property

The Property was identified as Lloyds Nursery in the CA HIST UST, CA SWEEPS UST, and CA LOS ANGELES CO. HMS environmental databases. One 500-gallon unleaded gasoline underground storage tank (UST) was installed in 1964 for the Nakayama Nursery Inc. No additional information regarding the UST was provided by EDR. According to the Property Owner, the UST and dispenser pump were



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removed approximately 35 years ago (1987) under regulatory oversight. Additional information regarding the former UST is provided in Section 4.3.3.

**4.2.2 Listings for Nearby Sites with Potential to Impact Property**

Stantec assessed data presented in the environmental agency database search report to evaluate the potential for conditions on adjacent and nearby sites to pose a REC, CREC, or HREC for the Property. The evaluation included an opinion of the potential for contamination by hazardous substances or petroleum products to migrate to the Property from a nearby property, including by vapor migration or encroachment (i.e., potential for a vapor encroachment condition [VEC].

Based on this evaluation, the following individual facilities were identified as the most likely potential sources of impact to the Property. The basis for why each of the following listed databases creates a REC for the property is also provided.

Listed Facility Name/Address	Database Listing	Distance/Direction from Property	REC? (YES / NO)
Pearman & Son Ready Concrete Mix 14100 S. Normandie Avenue Gardena, CA 90249	CA Envirostor	Approximately 35 feet to the southwest	No
The site was listed as an evaluation as of March 10, 2005 with no past use or potential contaminates of concern identified. Due to lack of reported release or violation, this is not considered a REC.			
Volt Century Graphics 14011 S. Normandie Avenue Gardena, CA 90249	RCRA-SQG; FINDS; ECHO	Approximately 53 feet to the west	No
The site was listed as a small quantity generator of hazardous waste with no reported violations. Due to lack of reported release or violation, this is not considered a REC.			
Arvan Inc. 14083 S. Normandie Avenue Gardena, CA 90249	RCRA-SQG; FINDS; ECHO; CA HAZNET	Approximately 219 feet to the west.	No
The site was listed as a small quantity generator of hazardous waste with no reported violations. Due to lack of reported release or violation, this is not considered a REC.			
Pearman and Son Inc. 14105 S. Normandie Avenue Gardena, CA 90249	CA SWEEPS UST; CA HIST UST; CA FID UST	Adjacent to southeast 219 feet.	No
The site was listed as having two 10,000-gallon diesel USTs installed in circa 1960. Given the distance and due to lack of reported release or violation, this is not considered a REC.			

The remaining listings in the database search report provided in Appendix D do not constitute a REC for the Property. Stantec recommends no further investigation regarding any of those listings.



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### 4.3 LOCAL/REGIONAL ENVIRONMENTAL RECORDS

Stantec checked the following sources to obtain information pertaining to Property use and/or indications of RECs in connection with the Property:

#### 4.3.1 Division of Oil, Gas, and Geothermal Resources, Division 1

Agency Name Contact Information	Finding
Division of Oil, Gas, and Geothermal Resources, Division 1, Department of Conservation 5816 Corporate Avenue, Suite 200 Cypress, CA 90630 Online database: <a href="http://www.conservation.ca.gov/dog/Pages/WellFinder.aspx">http://www.conservation.ca.gov/dog/Pages/WellFinder.aspx</a>	Stantec searched for oil wells on the Division of Oil, Gas, and Geothermal Resources (DOGGR) online database. There are no oil wells on the Property. The nearest oil well is a plugged oil well located approximately 3,574 feet to the east-northeast.

#### 4.3.2 Fire Department

Agency Name Contact Information	Finding
County of Los Angeles Fire Department 1320 N. Eastern Ave Los Angeles, CA 90063 323-890-4045 <a href="mailto:hhmdpra@fire.lacounty.gov">hhmdpra@fire.lacounty.gov</a>	A request for public records was submitted to the County of Los Angeles Fire Department Hazardous Materials Division. No response has been received as of the date of this report. The lack of response does not represent a data gap. Based on its review of other sources, Stantec considers it unlikely that any records from this agency would alter the conclusions or recommendations of this report.

#### 4.3.3 California Regional Water Quality Control Board (CRWQCB)

Agency Name, Contact Information	Findings
California State Water Resources Control Board, Los Angeles (RWQCB) 320 W 4 <sup>th</sup> Street, Suite 200 Los Angeles, CA 90013 (213) 576-6600	Stantec researched the online database Geotracker managed by this agency ( <a href="http://geotracker.waterbarods.ca.gov">geotracker.waterbarods.ca.gov</a> ). No records were found on the database website for the Property address or adjacent properties.



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#### 4.3.4 Los Angeles County Department of Public Works

<p style="text-align: center;"><b>Agency Name Contact Information</b></p>	<p style="text-align: center;"><b>Finding</b></p>
<p>Los Angeles County Department of Public Works (DPW)                      Environmental Programs Division                      UST Program                      900 South Fremont Avenue, 3<sup>rd</sup> Floor                      Alhambra, California                      Tel: (626) 458-3517  <a href="http://ladpw.org/epd/CleanLA/OpenFileReview.aspx">http://ladpw.org/epd/CleanLA/OpenFileReview.aspx</a></p>	<p>According to an email dated April 23, 2019, from Mr. David Coscia, Program Manager II with the Los Angeles County Department of Public Works, there are no records for the Property addresses of 1335, 1337, and 1343 West 141<sup>st</sup> Street.</p> <p>The records for 1341 West 141<sup>st</sup> Street included a <i>Tank Closure Report</i> dated September 22, 1991, which confirmed that a 500-gallon gasoline tank was removed in 1987. One soil boring was advanced to 40 feet bgs at the location of the former tank to evaluate if soil impacts were present below the former UST. No staining or odor was detected in the soil. Groundwater was encountered at approximately 35 feet bgs in silty very fine-grained sand; however, after 30 minutes the static water level rose to 16 feet bgs, which indicated the aquifer is confined.</p> <p>Soil samples were collected from this boring at depths of 5, 10, 20, 30, and 40 feet bgs. These soil samples were submitted for laboratory analysis of total petroleum hydrocarbons (TPH as gasoline, diesel, and motor oil) and aromatic volatile organic compounds (AVOCs). No detectable concentrations of TPH or AVOCs were detected in the soil samples submitted for laboratory analysis. No soil vapor samples were collected during the tank closure activities. In a letter dated November 10, 2015, the Los Angeles County Department of Public Works (LACDPW) referred the case to the California Regional Water Quality Control Board, Los Angeles Region (CRWQCB) given groundwater was encountered but no sample was collected. The LACDPW could not issue closure based on the reported groundwater and the lack of verification of no impact.</p> <p>Copies of the available records are provided in Appendix E.</p> <p>Stantec also research the Solid Waste Management System database managed by this agency (<a href="https://dpw.lacounty.gov/epd/swims/OnlineServices/se">https://dpw.lacounty.gov/epd/swims/OnlineServices/se</a>)</p>



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Agency Name Contact Information	Finding
	<a href="#">arch-methane-hazards-esri.aspx</a> ) to determine if methane mitigation is required for the Property. According to this database, the Property is not within 300 feet of an oil or gas well or 1,000 feet of a methane producing site. Therefore, no additional assessment of methane appears necessary.

#### 4.3.5 Department of Toxic Substances Control (DTSC)

Agency Name Contact Information	Finding
Department of Toxic Substances Control (DTSC) 5796 Corporate Ave., Cypress, CA 90630 <a href="http://www.envirostor.dtsc.ca.gov/public">www.envirostor.dtsc.ca.gov/public</a>	Stantec researched the online database Envirostor managed by this agency ( <a href="http://envirostor.dtsc.ca.gov">envirostor.dtsc.ca.gov</a> ). No records were found on the database website for the Property address or adjacent properties.

#### 4.3.6 Local Building and/or Planning Department Records

Agency Name, Contact Information	Findings
City of Gardena Community Development Records 1700 West 162 <sup>nd</sup> Street Gardena, CA 90247 310-217-9530	A request for public records was submitted to the City of Gardena Community Development Records. No response has been received as of the date of this report. The lack of response does not represent a data gap. Based on its review of other sources, Stantec considers it unlikely that any records from this agency would alter the conclusions or recommendations of this report.
Los Angeles County Department of Building and Safety Online database: <a href="http://ladpw.org/bsd/content/">http://ladpw.org/bsd/content/</a>	Stantec searched for available documents for the Property on the Department of Public Works online building permit viewer. No records were available.

### 4.4 HISTORICAL RECORDS REVIEW

#### 4.4.1 Land Title Records/Deeds

No environmental liens or activity use limitations were identified in the Preliminary Title Report dated April 16, 2019. Stantec identified no environmental liens or activity and use limitations in any other research performed, including review of the EDR report.



## 1335, 1337, 1341, AND 1343 WEST 141ST STREET, GARDENA, CALIFORNIA

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### 4.4.2 Aerial Photographs

Stantec reviewed historical aerial photographs provided by EDR. The general type of activity on a property and land use changes can often be discerned from the type and layout of structures visible in the photographs. However, specific elements of a facility's operation usually cannot be discerned from aerial photographs alone. Copies of the reviewed aerial photographs are provided in Appendix F. The following table summarizes Stantec's observations of the reviewed historical aerial photographs.

Year	Scale	Observations, Property and Adjoining Properties
1923 1928 1938	1=500'	The Property and surrounding area are depicted as vacant land. Small structures appear to the north.
1947	1=500'	The Property and surrounding area appear similar to the previous photographs. Orchards appear adjacent to the east.
1952	1=500'	The Property appears to be developed as a nursery with three greenhouses and two residential structures. Additional residential structures appear to the east and north. West 141 <sup>st</sup> Street appears adjacent to the south. Normandie Avenue appears adjacent to the west.
1963	1=500'	The Property appears to be similar to the previous photograph. Dense residential development appears to the south, east, and north. Commercial development appears along both sides of Normandie Avenue.
1974 1977 1981 1989	1=500'	The property and surrounding area appear similar to the previous photograph. An increase in commercial development appears along Normandie Avenue.
1994 2002 2005 2009 2012 2016	1=500'	The Property and surrounding area appear similar to the previous aerial photographs.

Name of aerial photograph source: EDR, 2019

### 4.4.3 City Directories

Stantec retained a third party (EDR) to research available reverse city directories for the Property, in approximately five-year intervals. A copy of the city directory is provided in Appendix F. The following is a summary of Stantec's review of the city directory listings:

Subject/Adjoining Property	Year	Listed Occupants
Property Address – 1335 West 141 <sup>st</sup> Street	1950 to 1960	Gro-Rite Nursery; Inouye A E Gro-Rite Nursery



## 1335, 1337, 1341, AND 1343 WEST 141ST STREET, GARDENA, CALIFORNIA

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Subject/Adjoining Property	Year	Listed Occupants
Property Address – 1335 West 141 <sup>st</sup> Street	1964 to 1985	Inouye A E
Property Address – 1335 West 141 <sup>st</sup> Street	2001	RussoDeolmda
Property Address – 1337 West 141 <sup>st</sup> Street	--	No listing
Property Address – 1341 West 141 <sup>st</sup> Street	1954 to 2014	Lloyd S Nursery and Nakayama Lloyd
Property Address – 1343 West 141 <sup>st</sup> Street	--	No listing

Name of city directories and source: EDR, 2019

### 4.4.4 Historical Fire Insurance Maps

Fire insurance maps were developed for use by insurance companies to depict facilities, properties, and their uses for many locations throughout the United States. These maps provide information on the history of prior land use and are useful in assessing whether there may be potential environmental contamination on or near the Property. These maps, which have been periodically updated since the late 19th century, often provide valuable insight into historical Property uses.

Stantec requested fire insurance maps from EDR; however, no coverage exists for the Property. The Sanborn® Map Search Report indicating “no coverage” is presented in Appendix F.

### 4.4.5 Historical Topographic Maps

Stantec reviewed historical USGS 7.5-minute Topographic Maps of the Inglewood, California Quadrangle (scale 1:24,000) to help identify past Property usage and areas of potential environmental concern.

Stantec identified no RECs in connection with our review of the topographic maps. Copies of the historical maps are provided in Appendix F. The following table summarizes the maps reviewed and our observations.

Year	Scale	Observations, Property and Adjoining Properties
1896 1923 1924	1:62,500	No structures or indicators of potential RECs were depicted on the map.
1930/1934 1934 1937/1941	1:24,000	No structures or indicators of potential RECs were depicted on the map. Hothouses and an airport appear to the west beyond Normandie Avenue.
1950 1952	1:24,000	No structures or indicators of potential RECs were depicted on the map. The western portion of the Property is depicted as fill. Small structures appear to the north and southeast. Normandie Avenue appears adjacent to the west. A road appears adjacent to the south.



## 1335, 1337, 1341, AND 1343 WEST 141ST STREET, GARDENA, CALIFORNIA

Records Review  
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Year	Scale	Observations, Property and Adjoining Properties
1964 1972 1981	1:24,000	No structures or indicators of potential RECs were depicted on the map. The Property and surrounding area are depicted as urban land.
2012	1:24,000	No details are depicted on the map. Roads appear is the current configuration.

Name of maps and source: EDR, 2019

### 4.4.6 Other Historical Sources

No other historical sources were researched.

### 4.4.7 Summary of Historical Sources

Stantec's interpretation of historical aerial photographs shows the Property as agricultural land (*i.e.*, orchards and a nursery) since circa 1950. Historic agricultural use can be a potential concern due to the possible use of pesticides and herbicides containing heavy metals (lead and arsenic). Additionally, a 500-gallon UST reportedly containing gasoline was formerly located in the northwestern area of the Nursery. According to the Property Owner, the UST and dispenser pump were removed approximately 35 years ago (1987) under regulatory oversight.

Stantec performed a Phase II ESA on May 10, 2019 to sample and analyze soil in order to determine whether pesticides or the heavy metals that often accompany herbicide application (*i.e.*, arsenic and lead) were present at concentrations exceeding regulatory thresholds. Additionally, soil and soil vapor samples were collected adjacent to the former UST to evaluate if there is any impact to the subsurface that would impact residential development. The scope of work and results of that assessment are described in the Section 8.0 below.



Site Reconnaissance  
 May 21, 2019

## 5.0 SITE RECONNAISSANCE

A visit to the Property and its vicinity was conducted by Ms. Alicia Jansen, Associate Scientist with Stantec, on April 24, 2019. Access to the Property was provided by Mr. Wayne Nakayama, the Property Owner. Stantec was accompanied by Mr. Nakayama during the Property visit. Figure 2 provides information about the Property and adjoining properties and the location of potential areas of environmental concern. Photographs collected during the Property visit are included in Appendix A.

### 5.1 SITE RECONNAISSANCE METHODOLOGY

The site reconnaissance focused on observation of current conditions and observable indications of past uses and conditions of the Property that may indicate the presence of RECs. The reconnaissance of the Property was conducted on foot and Stantec utilized the following methodology to observe the Property:

- Traverse the outer Property boundary.
- Traverse transects across the Property.

Weather conditions during the visit to the Property were clear and sunny. There were no weather-related Property access restrictions encountered during the reconnaissance visit.

### 5.2 GENERAL DESCRIPTION

<b>Property and Area Description:</b>	The Property is located northeast of the intersection of Normandie Avenue and West 141 <sup>st</sup> Street in the city of Gardena, County of Los Angeles, California. The surrounding area consists of commercial and residential properties.
<b>Property Operations.</b>	The Property consists of a nursery and two residential structures.
<b>Structures, Roads, Other Improvements:</b>	There are dirt roads in the northern, southern, and central portion of the Property that provide vehicle access to the greenhouses and plants. Two residential structures appear in the southern portion.
<b>Property Size (acres):</b>	2.02 acres
<b>Estimated % of Property Covered by Buildings and/or Pavement:</b>	20%
<b>Observed Current Property Use/Operations:</b>	Nursery and residential.
<b>Observed Evidence of Past Property Use(s):</b>	None
<b>Sewage Disposal Method (and age):</b>	City of Gardena
<b>Potable Water Source:</b>	City of Gardena
<b>Electric Utility:</b>	Southern California Edison.



### 5.3 HAZARDOUS SUBSTANCES AND PETROLEUM PRODUCTS

The following table summarizes Stantec’s observations during the Property reconnaissance.

Observations	Description/Location
<b>Hazardous Substances and Petroleum Products as Defined by CERCLA 42 U.S.C. § 9601(14):</b>	Two hazardous materials storage cabinets were observed in the center of the greenhouse and contained one 1-gallon gasoline canister, a 2-gallon container of weed and grass killer, small quantities of glue/epoxy, and 13 unlabeled 1-gallon containers that appeared to contain oil. These materials do not represent a REC; however, the materials should be disposed of in accordance with applicable regulations.
<b>Drums (≥ 5 gallons):</b>	None observed.
<b>Strong, Pungent, or Noxious Odors:</b>	None detected.
<b>Pools of Liquid:</b>	None observed.
<b>Unidentified Substance Containers:</b>	None observed.
<b>PCB-Containing Equipment:</b>	None observed.
<b>Other Observed Evidence of Hazardous Substances or Petroleum Products:</b>	None observed.

### 5.4 INTERIOR OBSERVATIONS

Stantec made the following observations during the Property reconnaissance of the building interiors at the Property and/or identified the following information during the interview or records review portions of the assessment:

Observations	Description
<b>Heating/Cooling Method:</b>	The glass greenhouse was formerly serviced by a steam-heat system. The steam-heat system has been non-operational for 40+ years and remains between the glasshouse and greenhouse.
<b>Surface Stains or Corrosion:</b>	None observed.
<b>Floor Drains and Sumps:</b>	None observed.
<b>Other Interior Observations:</b>	Miscellaneous items (i.e. totes within metal grates, various pieces of furniture, tools, etc) belonging to the groundskeeper are currently being stored in the greenhouse.

### 5.5 EXTERIOR OBSERVATIONS

Stantec made the following observations during the site reconnaissance of exterior areas of the Property and/or identified the following information during the interview or records review portions of the assessment:



Site Reconnaissance  
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Observations	Description
<b>On-site Pits, Ponds, or Lagoons:</b>	None observed.
<b>Stained Soil or Pavement:</b>	None observed.
<b>Stressed Vegetation:</b>	None observed.
<b>Waste Streams and Waste Collection Areas:</b>	Discarded plants and pots were observed in the northeastern corner.
<b>Solid Waste Disposal:</b>	None observed.
<b>Potential Areas of Fill Placement:</b>	None observed.
<b>Wastewater:</b>	None observed.
<b>Stormwater:</b>	Surface water on the Property infiltrates the ground surface or flows overland into the curb and gutter system along Normandie and West 141 <sup>st</sup> Street.
<b>Wells:</b>	None observed.
<b>Septic Systems:</b>	None observed.
<b>Other Exterior Observations:</b>	None observed.

## 5.6 UNDERGROUND STORAGE TANKS/STRUCTURES

<b>Existing USTs:</b>	No visible evidence (fill pipes, vent pipes, dispensers, surface patches), which would indicate the presence of USTs, was discovered during the site reconnaissance.
<b>Former USTs:</b>	According to the Property Owner, a 500-gallon gasoline UST was former located in the northwest corner of the Property. Further information regarding the UST is provided in Section 8.0.
<b>Other Underground Structures:</b>	None observed.

## 5.7 ABOVEGROUND STORAGE TANKS

<b>Existing ASTs:</b>	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), which would indicate the presence of ASTs, was discovered during the site reconnaissance.
<b>Former ASTs:</b>	No visible evidence (fill pipes, vent pipes, dispensers, surface stains), reports, or other evidence of the former presence of ASTs was discovered during this Phase I ESA.

## 5.8 ADJOINING PROPERTIES

### 5.8.1 Current Uses of Adjoining Properties

As viewed from the Property and/or from public rights-of-way, Stantec made the following observations about use and activities on adjoining properties:



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<b>NORTH</b>	Residential
<b>EAST</b>	Residential
<b>SOUTH</b>	West 141 <sup>st</sup> Street beyond which are residential structures.
<b>WEST</b>	Normandie Avenue beyond which are commercial and light industrial buildings.

### 5.8.2 Observed Evidence of Past Uses of Adjoining Properties

Observations of adjoining properties providing indications of past use and activities, if any, are described below.

<b>NORTH</b>	None observed.
<b>EAST</b>	None observed.
<b>SOUTH</b>	None observed.
<b>WEST</b>	None observed.

### 5.8.3 Pits, Ponds or Lagoons on Adjoining Properties

As viewed from the Property and/or from public rights-of-way, Stantec made the following observations about the presence of pits, ponds and lagoons on adjoining properties:

<b>NORTH</b>	None observed.
<b>EAST</b>	None observed.
<b>SOUTH</b>	None observed.
<b>WEST</b>	None observed.

## 5.9 OBSERVED PHYSICAL SETTING

<b>Topography of the Property and Surrounding Area:</b>	The Property and surrounding area are relatively flat.
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Interviews  
May 21, 2019

## 6.0 INTERVIEWS

On April 24, 2019, Stantec interviewed Mr. Wayne Nakayama, the Property Owner, who has been associated with the Property since circa 1950. Mr. Nakayama is aware of no environmental liens associated with the Property or any activity and land use limitations. Mr. Nakayama is aware of no environmental cleanups or obvious indications of contamination at the Property. Mr. Nakayama stated the Property has been used as a nursery since circa 1950 and no fertilizers have been used for approximately 20 years. A steam-heat system for the glass house was formerly used but has been inactive for 40+ years. A gasoline UST and dispenser were removed from the northwestern portion of the Property approximately 35 years ago (1987) under regulatory oversight.



## 7.0 POTENTIAL FOR VAPOR ENCROACHMENT

Additionally, consideration of the migration of hazardous substances and petroleum products in all phases including solid, liquid, or vapor is required by the ASTM E1527-13 standard. As stated in Section 2.1 of ASTM E1527-13:

*Vapor migration must be considered no differently than contaminated groundwater migration in the Phase I investigation. While E2600-10 provides an industry consensus methodology to assess vapor migration, use of E2600-10 methodology is not required to achieve compliance with AAI – an EP may use alternative methodology as deemed appropriate, but this must be documented in the Phase I report (i.e., it must be “capable of being reconstructed by an EP other than the EP responsible for the Phase I”).*

Based on the site inspection, review of adjacent properties, and available environmental records, the likelihood for vapor intrusion at the Property is considered low based on the results of Stantec's Phase II subsurface investigation to sample and analyze soil and soil vapor, as presented in Section 8.0 of this report. Stantec recommends no further investigation regarding this issue.



## 8.0 PHASE II ENVIRONMENTAL SITE ASSESSMENT

Stantec's interpretation of historical aerial photographs shows the Property as agricultural land (*i.e.*, orchards and a nursery) since circa 1950. Historic agricultural use can be a potential concern due to the possible use of pesticides and herbicides containing heavy metals. Accordingly, Stantec recommended perform a Phase II subsurface investigation to sample and analyze shallow soil to evaluate if pesticides or the heavy metals arsenic or lead exist in soil above published screening levels.

In addition, a 500-gallon underground storage tank (UST) that reportedly contained gasoline was reported as having been formerly located in the northwestern area of the nursery. The property owner reported that the UST was removed from the Site in about 1987. The Los Angeles County Department of Public Works received a *Tank Closure Report* dated September 22, 1991. That report confirmed that a 500-gallon gasoline UST was removed in 1987. The report contained the results of one soil boring was advanced to 40 feet below ground surface (bgs) at the location of the former tank. No staining or odor was detected in the soil to 40 feet in depth. Groundwater was encountered at approximately 35 feet bgs in silty very fine-grained sand; however, after 30 minutes the static water level rose to 16 feet bgs, which indicated the aquifer is confined.

Soil samples were collected from that boring at depths of 5, 10, 20, 30, and 40 feet bgs were reportedly submitted for laboratory analysis for total petroleum hydrocarbons (TPH as gasoline, diesel, and motor oil) and aromatic volatile organic compounds (AVOCs). No detectable concentrations of TPH or AVOCs were detected in the soil samples submitted for laboratory analysis. No soil vapor samples were collected during the tank closure activities.

Stantec performed a Phase II ESA on May 10, 2019, to sample and analyze soil in order to determine whether pesticides or the heavy metals (lead and arsenic) that often accompany herbicide application were present at concentrations exceeding regulatory thresholds. Additionally, soil and soil vapor samples were collected adjacent to the former UST to evaluate if there is any impact to the subsurface that would impact residential development. The scope of work is described in the sections below. Stantec concludes that this scope of work was sufficient for evaluating the issues identified by the Phase I Environmental Site Assessment.

### 8.1 PRE-ASSESSMENT ACTIVITIES

The scope of work consisted of the following general elements:

Prior to the commencement of fieldwork activities, Stantec made the following preparations:

- As required by law, Stantec visited the Site to mark the proposed boring locations and acquire a current Underground Service Alert (USA) ticket number prior to commencement of Property drilling activities.



- In accordance with federal OSHA regulations (29 CFR, Section 1910.120), Stantec developed a site-specific Health and Safety Plan (HASP) for the subject property. All Stantec personnel and subcontractors associated with the project were required to be familiar with, and comply with, all provisions of the HASP.

## 8.2 FIELD INVESTIGATION

Stantec provided the services of a field geologist to supervise and direct all on-site activities. Soil sampling and installation of soil vapor probes was performed on May 10, 2019. All field work was performed under the supervision of a State of California registered professional geologist, and included the following activities:

### Former UST

- Two soil borings were advanced to approximately 10 feet bgs in the vicinity of the former UST and dispenser. Soil samples were collected at 2-feet and 10-feet bgs and analyzed for total petroleum hydrocarbons (TPH) by EPA Method 8015M and volatile organic compounds (VOCs) by EPA Method 8260B. Soil vapor probes were placed at 7 feet bgs on the eastern and western area of the former UST.

### Agricultural use

- Five (5) hand auger borings were advanced to approximately 3 feet bgs. Soil samples were collected at 1 and 3 feet bgs and submitted to a state certified laboratory. Soil samples collected at a depth of 1-foot bgs were submitted for laboratory analysis of pesticides, lead, and arsenic by EPA method 8081A and 6010, respectively.

### 8.2.1 Soil Boring and Sampling Procedures

#### Hand Auger Borings/Sampling

Borings HA-1 through HA-4 were advanced using a hand auger to collect shallow soil samples from 1-foot and 3-feet bgs. Upon extraction of the auger bucket at the prescribed sampling depths, the soils contained therein were packed into laboratory-provided clean 8-ounce glass jars and labeled with the appropriate identification information (boring number, sample depth, sample collection date, and sample collection time). The samples were logged on a chain-of-custody form and placed in an ice-filled cooler for transport to the laboratory.

#### Direct Push Boring/Sampling

Prior to boring advancement, paved surfaces were cored to expose underlying soils. A hand auger was used for utility clearance purposes to a depth of 2-feet bgs at all locations. Once the 2-foot depth was reached, the borings were advanced further using a Geoprobe direct push rig. During advancement, sampling of subsurface soils was performed at 1-foot, 2-feet bgs, and 10-feet bgs intervals. All of the direct push borings were advanced and sampled using a Geoprobe 5400 rig equipped with 5-foot-long by 1.25-inch inner diameter sampler with acetate sample liners.

The soils from each of the direct push borings were visually examined by Stantec field personnel who classified the soils in accordance with the unified soil classification system (USCS). A photo-ionization



detector (PID) was used to monitor/field screen the soils collected. Field screening for VOCs was achieved by removing the soil from the uppermost sample sleeve and placing it in a zip-lock type baggie. A PID probe was inserted into the baggie to monitor the headspace for VOC vapors.

Following classification and VOC vapor evaluation, the soil samples were carefully packaged for chemical analysis. The sample containers, acetate drilling liners, were sealed with Teflon® sheeting, capped, and sealed with non-VOC containing tape, and labeled with the appropriate identification information (boring number, sample depth, sample collection date, and sample collection time). The samples were logged on a chain-of-custody form and delivered to a state-certified laboratory for analysis.

### **Field Equipment Cleaning Procedures**

To maintain quality control during drilling operations, all drill rods and reusable soil sampling equipment was decontaminated using a triple bucket rinse. Prior to drilling at a given location or sampling interval, all equipment coming in direct contact with soil samples was scrubbed with an Alconox scrub solution followed by a clean tap water rinse and then a final distilled water rinse. The disposable acetate soil sample liners were used for one sampling interval and then discarded.

## **8.2.2 Soil Vapor Probe Installation and Sampling Procedures**

Stantec installed two soil vapor sampling probes at the 7-foot intervals in boring locations SB-1 and SB-2 adjacent to the former UST and dispenser.

### **Soil Vapor Probe Installation**

As indicated in Section 3.2.1, the soil vapor sample borings were advanced using a Geoprobe 5400 direct push drilling rig. Following soil sampling, the borings were completed with soil vapor sampling points at the prescribed depth intervals. Where borings were advanced beyond the five-foot depth interval, borings were backfilled with hydrated granular bentonite to seal the vapor sampling interval. Each sample probe was constructed with a 10-inch Penn Plax® sampling screen set at the 5-foot bgs sampling interval. Each of the sampling screens were connected to the ground surface via dedicated ¼-inch outer diameter Nylaflo® nylon tubing.

The annulus around the exposed probe tip was backfilled with washed #3 silica sand filter pack, totaling approximately 12 inches in height. Above the filter pack, a 12-inch transition zone was constructed using dry bentonite granules. From that point to ground surface, hydrated bentonite granules were utilized to seal the annular space. At the surface, the exposed nylon tubing was capped with tight fitting plastic end-caps and labeled to indicate sampling depth. After placement of the soil vapor sample probes on May 10, 2019, subsurface conditions were allowed to equilibrate for a period of at least 2-hours prior to leak testing and sample collection the same day.

### **Soil Vapor Probe Sampling**

Subsurface soil vapor sampling was performed in accordance with the July 2015 Department of Toxic Substances Control (DTSC) "Advisory - Active Soil Gas Investigations" (DTSC Advisory).



Prior to sample collection, a shut-in test was performed on the above-ground sampling train. The sample tubing was evacuated of air to a measured vacuum of approximately 100 inches of water column and the vacuum was sealed in with closed valves on opposite ends of the sampling train. A vacuum gauge connected to the line was observed for at least one minute for any signs of a loss in vacuum. If vacuum loss was identified during the shut-in test, the sampling technician inspected and adjusted the sampling train fittings until the shut-in test showed no vacuum loss.

As specified in the DTSC Advisory, a default purge of 3 volumes of the sampling system was performed prior to sample collection. This process included purging the sampling system (tubing, sample screen, and void space of sand pack and dry bentonite) using a flow rate of 200 milliliters per minute (ml/min) or less while maintaining a low vacuum of 100 inches of water or less. This purging was performed using a SKC sample pump calibrated to 200 ml/min.

Once purging activities were completed, the fitting was adjusted to connect the sampling tubing to the sample collection container. During soil vapor sampling, a leak check was performed using 1,1-difluoroethane (DFA) as a tracer compound. The tracer compound was applied to a clean rag and situated around the monitoring point to evaluate seal integrity. Seal integrity was confirmed by the absence of the tracer compound in the collected samples. All soil vapor samples were collected into 400ml Summa® canisters fitted with 200 ml/min flow controllers. The samples were logged onto a chain-of-custody form with all sample details including collection date and time. All sampling equipment and the chain-of-custody form were shipped to a fixed laboratory for analyses.

### **8.3 LABORATORY TESTING PROGRAM**

A total of nine (9) soil samples were collected during this investigation and delivered under chain-of-custody to Advanced Technology Laboratories (ATL) based in Signal Hill, California for possible chemical analyses. A total of two (2) soil vapor samples were collected during this investigation and delivered under chain-of-custody to H&P Mobile Geochemistry (based out of Carlsbad, California) for VOCs by EPA Method 8260B. ATL and H&P are certified to perform hazardous waste testing by the State of California Department of Health Services, Environmental Laboratory Accreditation Program.

Of the 9 soil samples collected, five (5) soil samples were analyzed for arsenic and lead by United States Environmental Protection Agency (EPA) Method 6010B and organochlorine pesticides by EPA Method 8081A; and two (2) for total petroleum hydrocarbons (TPH) as gasoline (TPHg), diesel (TPHd) and as oil (TPHo) by modified EPA Method 8015B and volatile organic compounds (VOCs) by EPA Method 8260B. All soil samples collected during this investigation were kept on-ice during transit to the laboratory

### **8.4 FIELD OBSERVATIONS**

During the subsurface investigation, the subsurface of the Property was observed to be clayey sand, sandy clay, and silty sand to approximately 10 feet bgs, maximum depth explored. No staining or odorous soils were observed in any borings during this investigation. PID measurements were recorded at 0.0 parts per million by volume (ppmV) within all soils collected. No groundwater was not encountered during this investigation.



## 8.5 ANALYTICAL RESULTS

Laboratory analytical test results from this assessment are summarized in the attached Tables 1 through 3, and presented on the laboratory data sheets attached as Appendix F. The laboratory test results from this investigation are discussed below.

### 8.5.1 Soil Vapor Analytical Results

The two soil vapor samples were collected at 7 feet bgs near the former UST and dispenser had minor detections of chloroform, benzene, and tetrachloroethylene (PCE) at maximum concentrations of 15, 18, and 37 micrograms per cubic meter ( $\mu\text{g}/\text{m}^3$ ), respectively. Analytical detections from the soil vapor samples are summarized on Table 1.

These concentrations are below the Residential Screening Level (RSL) for Soil Vapor using Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Note 3 with an attenuation factor of 0.001; however, the detections are above the Bay Area Region of the CRWQCB Environmental Screening Levels (ESLs) recently published using an attenuation factor of 0.03.

### 8.5.2 Soil Analytical Results

The two borings advanced adjacent to the former gasoline UST (SB-1 and SB-2) did not have any detectable concentrations of TPH or VOCs above the laboratory limits in the soil samples submitted for analysis.

Organochlorine pesticides, arsenic, and lead were detected at minor concentrations that were either below their screening level or within naturally occurring background levels. The analytical results for the soil samples are summarized on Tables 2 and 3.



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## 9.0 EVALUATION

This section provides a summary overview of or Findings, Opinions, and Conclusions.

### 9.1 FINDINGS AND OPINIONS

Information gathered from interviews, reviews of existing data, and a property inspection was evaluated to determine if RECs are present in connection with the Property. Based on this information, Stantec made the following findings and developed the following opinions.

- Stantec's interpretation of historical aerial photographs shows the Property as agricultural land (*i.e.*, orchards and a nursery) since circa 1950. Historic agricultural use can be a potential concern due to the possible use of pesticides and herbicides containing heavy metals. Accordingly, Stantec recommended shallow soil samples be collected across the Site to evaluate if pesticides or the heavy metals arsenic or lead exist in soil above published screening levels.

In addition, it is reported that a 500-gallon underground storage tank (UST) that reportedly contained gasoline was formerly located in the northwestern area of the nursery. The property owner reported that the UST was removed from the Property in about 1987. The Los Angeles County Department of Public Works has record of receiving a *Tank Closure Report* dated September 22, 1991. That report confirmed that a 500-gallon gasoline UST was removed in 1987. The report contained the results of one soil boring was advanced to 40 feet below ground surface (bgs) at the location of the former tank. No staining or odor was detected in the soil to 40 feet in depth. Groundwater was encountered at approximately 35 feet bgs in silty very fine-grained sand; however, after 30 minutes the static water level rose to 16 feet bgs, which indicated the aquifer is confined.

Soil samples were collected from that boring at depths of 5, 10, 20, 30, and 40 feet bgs were reportedly submitted for laboratory analysis for total petroleum hydrocarbons (TPH as gasoline, diesel, and motor oil) and aromatic volatile organic compounds (AVOCs). No detectable concentrations of TPH or AVOCs were detected in the soil samples submitted for laboratory analysis (*i.e.*, the results were "non-detect"). No soil vapor samples were collected during the tank closure activities. In a letter dated November 10, 2015, the Los Angeles County Department of Public Works (LACDPW) referred the case to the California Regional Water Quality Control Board, Los Angeles Region (CRWQCB), given groundwater was encountered but no sample of that groundwater was collected. As of the date of this report, CRWQCB has not required any further action or investigation in relation to the former UST or to the Property.

To evaluate the issues identified above, Stantec performed a Phase II ESA on May 10, 2019, to sample and analyze soil in order to determine whether pesticides or the heavy metals that typically accompany herbicide application (*i.e.*, lead and arsenic) are present at concentrations exceeding regulatory thresholds. Additionally, soil and soil vapor samples were collected adjacent to the former UST to evaluate if there is any impact to the subsurface that would impact residential development.



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The Phase II ESA completed included two soil borings being advanced adjacent to the former gasoline UST (SB-1 and SB-2). Stantec submitted soil samples from these borings. The laboratory reported no detectable concentrations of TPH or VOCs above the laboratory limits. The two soil vapor samples collected at 7 feet bgs showed only minor detections of chloroform, benzene, and tetrachloroethylene (PCE) at maximum concentrations of 15, 18, and 37 micrograms per cubic meter (ug/m<sup>3</sup>), respectively. These concentrations are below the Residential Screening Level (RSL) for Soil Vapor using Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Note 3 with an attenuation factor of 0.001; but are above the Bay Area Region of the CRWQCB Environmental Screening Levels (ESLs) recently published using an attenuation factor of 0.03.

The appropriate regulatory agency in regard to the environmental condition of the Property, which is the County of Los Angeles Fire Department (CLAFD) Site Mitigation Unit, applies the attenuation factor of 0.001. Accordingly, based on that attenuation factor (0.001) applied to the detected concentrations, no soil vapor impact has been detected that would rise to a level requiring any further assessment or action.

Organochlorine pesticides, arsenic, and lead were detected at minor concentrations that were either below their screening level or within naturally occurring regional background levels. Additionally, the detected concentrations of the pesticides and metals do not exceed the California Hazardous Waste Level for these compounds. Therefore, the detected levels of organochlorine pesticides and metals (lead and arsenic) do not represent a REC to Site, and Stantec recommends no further investigation regarding this issue.

- An environmental records search was performed and identified sites within their respective ASTM E 1527-13 search radii of the Property that may represent RECs, HRECs, or de minimis conditions.

Based on one or more of the following reasons: distance from the Property, position of sites with respect to assumed groundwater flow direction, the native soils, and regulatory status, none of the sites identified in the in the environmental records search report are expected to affect soil or groundwater quality at the Property. The environmental records search identified no RECs, HRECs or de minimis conditions at or near the Property.



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## 9.2 DATA GAPS

The federal AAI final rule [40 CFR 312.10(a)] and ASTM E1527-13 identify a “data gap” as the lack or inability to obtain information required by the standards and practices of the rule despite good faith efforts by the Environmental Professional or the User.

Any data gaps resulting from the Phase I ESA described in this report are listed and discussed below.

Gap	Discussion
<b>Deletions or Exceptions from Scope of Work Referenced in Section 1.4:</b>	None
<b>Weather-Related Restrictions to Site Reconnaissance:</b>	None
<b>Facility Access Restrictions to Site Reconnaissance:</b>	None
<b>Other Site Reconnaissance Restrictions:</b>	None
<b>Data Gaps from Environmental Records Review:</b>	None
<b>Data Gaps from Historical Records Review:</b>	None
<b>Data Gaps from Interviews:</b>	None
<b>Other Data Gaps:</b>	None

## 9.3 CONCLUSIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E1527 of 1335, 1337, 1341, and 1343 West 141<sup>st</sup> Street, City of Gardena, County of Los Angeles, California, or the “Property”. Any exceptions to, or deletions from, this practice are described in the Data Gaps section of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs) in connection with the Property. Stantec recommends no further investigation regarding the environmental condition of the Property.

Stantec identified the following non-ASTM issues with the Property:

- **ACM and LBP.** Given the age of the existing building on the Property (circa 1950s), the presence of lead-based paint (LBP) and asbestos containing materials (ACMs) is considered likely. Stantec recommends conducting a comprehensive, pre-demolition LBP and ACM survey in accordance with the sampling protocol of the Asbestos Hazard Emergency Response Act (AHERA) prior to any activities with the potential to disturb building materials to determine whether ACM are present. Further, in the event ACM is detected, Stantec recommends proper



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removal and disposal of the materials identified prior to any activities with the potential to disturb them.



## 10.0 NON-SCOPE CONSIDERATIONS

The following ASTM E1527-13 non-scope services were performed as part of this Phase I ESA:

### 10.1 LEAD-BASED PAINT

Concern for lead-based paint (LBP) is primarily related to residential structures. The EPA's Final Rule on Disclosure of Lead-Based Paint in Housing (40 CFR Part 745) defines LBP as paint or other surface coatings that contain lead equal to or in excess of 1.0 milligram per square centimeter or 0.5 percent by weight.

The risk of lead toxicity in LBP varies based upon the condition of the paint and the year of its application. The U.S. Department of Housing and Urban Development (HUD) has identified the following risk factors:

- The age of the dwelling as follows: maximum risk is from paint applied before 1950.
- There is severe risk from paint applied before 1960.
- There is moderate risk from deteriorated paint applied before 1970.
- There is slight risk from the paint that is intact but applied before 1977.
- The condition of the painted surfaces.
- The presence of children and certain types of households in the building.
- Previously reported cases of lead poisoning in the building or area.

Given the Property consists of greenhouses and residential structures that were built is circa 1950, LBP is considered likely. All LBP should be removed from the Property for off-site disposal, in accordance with all applicable laws, prior to any activities with the potential to disturb painted surfaces.

### 10.2 ASBESTOS

Asbestos can be found in many applications, including sprayed-on or blanket-type insulation, pipe wraps, mastics, floor and ceiling tiles, wallboard, mortar, roofing materials, and a variety of other materials commonly used in construction. The greatest asbestos-related human health risks are associated with friable asbestos, which is ACM that can be reduced to powder by hand pressure. Friable asbestos can become airborne and inhaled, which has been associated with specific types of respiratory disease. The manufacturing and use of asbestos in most building products was curtailed during the late 1970s.

Stantec makes no warranty as to the possible existence or absence of inaccessible materials or to their evaluation with respect to asbestos content. Samples of suspect ACM should be collected for laboratory analysis of asbestos prior to any renovation or building demolition to be compliant with, EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations.

Given the age of the existing building on the Property (circa 1950s), the presence of asbestos containing materials (ACMs) is considered likely. Stantec recommends conducting a comprehensive, pre-demolition ACM survey in accordance with the sampling protocol of the Asbestos Hazard Emergency Response Act (AHERA) prior to any activities with the potential to disturb building materials to determine whether ACM



Non-Scope Considerations  
 May 21, 2019

are present. Further, in the event ACM is detected, Stantec recommends proper removal and disposal of the materials identified prior to any activities with the potential to disturb them.

### 10.3 RADON

Radon is a colorless, tasteless radioactive gas with an EPA-specified action level of 4.0 PicoCuries per liter of air (pCi/L) for residential properties. Radon gas has a very short half-life of 3.8 days. The health risk potential of radon is primarily associated with its rate of accumulation within confined areas near or in the ground, such as basements, where vapors can readily transfer to indoor air from the ground through foundation cracks or other pathways. Large, adequately ventilated rooms generally present limited risk for radon exposure. The radon concentrations in buildings and homes depend on many factors, including soil types, temperature, barometric pressure, and building construction (EPA, 1993).

Stantec reviewed regional data published by the EPA on average indoor radon concentrations in the vicinity of the Property (<http://www.epa.gov/radon/zonemap.html>).

EPA Radon Zones (w/Average Measured Indoor Radon concentrations)		
Zone 1 – High (>4.0 pCi/L)	Zone 2 – Moderate (2 to 4 pCi/L)	Zone 3 – Low (<2 pCi/L)
<b>Normally occupied sub grade areas present? (i.e., basement apartments, offices, stores, etc.)</b>		
None.		

The Property is located in Zone 2 and is considered to have medium potential for radon. None of the 21 tests from zip code 90247 (the zip code of the Property) were above 4 pCi/L. To determine Property-specific radon levels, a radon survey would have to be conducted. However, based on the average first floor reading of 0.711 pCi/L for Los Angeles County, radon appears to be unlikely to represent an environmental concern to the Property further investigation of indoor radon issues does not appear to be warranted.

### 10.4 FLOOD ZONES

According to the Physical Setting summary portion of the EDR report, the Property is not located within a 500-year or 100-year flood plain.



References  
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## 11.0 REFERENCES

American Society for Testing and Materials, 2015, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, Designation E 2600-15.

American Society for Testing and Materials, 2013, Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process, Designation: E 1527-13.

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\_\_\_\_\_, Division of Oil, Gas, and Geothermal Resources Well Finder database, 2019, website <https://maps.conservation.ca.gov/doggr/wellfinder/>

Department of Toxic Substances and Control, 2019, website <http://www.envirostor.dtsc.ca.gov/public/>

California Geological Survey (CGS), 2002, California Geomorphic Provinces, Note 36.

\_\_\_\_\_, 2010a, Fault Activity Map of California, adjustable scale,  
<http://www.quake.ca.gov/gmaps/FAM/faultactivitymap.html>.

\_\_\_\_\_, 2010b, Alquist-Priolo Earthquake Fault Zones of California,  
[http://www.quake.ca.gov/gmaps/ap/ap\\_maps.htm](http://www.quake.ca.gov/gmaps/ap/ap_maps.htm).

Department of Water Resources (DWR), 2004, Groundwater Bulletin 118, updated February 27.

Environmental Data Resources, Inc. (EDR), EDR Radius Map with Geocheck, Inquiry Number 5630209.2s, dated April 23, 2019.

\_\_\_\_\_, Certified Sanborn Map Report, Inquiry Number5630209.3, dated April 23, 2019.

\_\_\_\_\_, Historical Topographic Map Report, Inquiry Number5630209.4, dated April 23, 2019.

\_\_\_\_\_, Aerial Photo Decade Package, Inquiry Number5630209.5, dated April 23, 2019.

\_\_\_\_\_, City Directory Abstract, Inquiry Number5630209.6, dated April 23, 2019.

State Water Resource Control Board's Geotracker, 2019, website <https://geotracker.waterboards.ca.gov/>

United States Geological Survey (USGS), 2012, Inglewood Quadrangle, 7.5 Minute Topographic Map, Scale 1 inch = 2,000 feet.

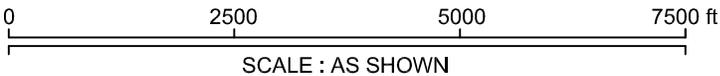


# FIGURES





**APPROXIMATE PROPERTY BOUNDARY**



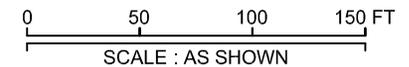
NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC SERVICES INC. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

<p><b>PROPERTY LOCATION MAP</b></p> <p>PHASE I ESA</p> <p>1335, 1337, 1341, &amp; 1343 WEST 141ST STREET, GARDENIA, CA</p> <p>Client: THE OLSON COMPANY</p>	Project No.: 185804443	<p>Fig. No.:</p> <p><b>1</b></p> 
	Scale: AS SHOWN	
	Date: 19/05/02	
	Dwn. By: CD DM SC2019050003	
	App'd By: KE	



**LEGEND**

- SOIL SAMPLE/SOIL VAPOR PROBE LOCATION
- SHALLOW SOIL SAMPLE LOCATION



NOTE: THIS DRAWING ILLUSTRATES SUPPORTING INFORMATION SPECIFIC TO A STANTEC CONSULTING LTD. REPORT AND MUST NOT BE USED FOR OTHER PURPOSES.

**PROPERTY DETAILS**

PHASE I ESA

1335, 1337, 1341, & 1343 WEST 141ST STREET, GARDENA, CA

**Client:** THE OLSON COMPANY

<b>Project No.:</b>	185804443
<b>Scale:</b>	AS SHOWN
<b>Date:</b>	19/05/02
<b>Dwn. By:</b>	CD <small>DM</small> <small>SC2019050004</small>
<b>App'd By:</b>	KE

**Fig. No.:**

**2**



# TABLES



**TABLE 1  
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS  
Gardena (141st and Normandie)**

Boring Location	Sample ID	Sample Volume <sup>(1)</sup>	Sample Date	Chloromethane (µg/m <sup>3</sup> )	Methylene chloride (µg/m <sup>3</sup> )	Carbon Disulfide (µg/m <sup>3</sup> )	2-Butanone (MEK) (µg/m <sup>3</sup> )	Chloroform (µg/m <sup>3</sup> )	Benzene (µg/m <sup>3</sup> )	TCE (µg/m <sup>3</sup> )	4-Methyl-2- pentanone (µg/m <sup>3</sup> )	Toluene (µg/m <sup>3</sup> )	PCE (µg/m <sup>3</sup> )	Ethylbenzene (µg/m <sup>3</sup> )	m,p-Xylene (µg/m <sup>3</sup> )	o-Xylene (µg/m <sup>3</sup> )	4-Ethyltoluene (µg/m <sup>3</sup> )	1,3,5-TMB (µg/m <sup>3</sup> )	1,2,4-TMB (µg/m <sup>3</sup> )	Other VOCs
<b>Soil Vapor Samples</b>																				
<b>Residential Screening Level for Soil Vapor using RSL or HERO NOTE 3 and Attenuation Factor of 0.001 (µg/m<sup>3</sup>) <sup>(2), (3)</sup></b>				94,000	1,000	730,000	5,200,000	120	97	480	3,100,000	310,000	460	1,100	100,000	100,000	NE	63,000	63,000	<i>various</i>
Former UST	SB-1-7	2313cc - 3 Vol Purge	5/10/2019	2.9	<2.8	3.3	23	9.5	9.8	<4.4	20	42	<5.5	7.3	33	9.3	<4.0	5.1	12	< <i>various</i>
	SB-2-7	2358cc - 3 Vol Purge	5/10/2019	4.2	4.3	5.2	28	15	18	<4.4	40	79	37	15	66	19	6.0	11	29	< <i>various</i>

Notes:

- (1) - Sample collected via 1L summa canister.
- (2) - Residential Screening Level (SL) USEPA Region 9 Regional Screening Levels (RSL - November 2018) using an Attenuation Factor of 0.001 and Cancer Risk of 1e-06 and a
- (3) - Residential DTSC HERO HHRA Note #3 (June 2018) using an Attenuation Factor of 0.001 and Cancer Risk of 1e-06 and a Hazard Quotient of 1. (DTSC CAL EPA, October 2011 Final Guidance for the Evaluation and Mitigation of Substance Vapor Intrusion to Indoor Air).
- \*-< - Results reported below Laboratory Reporting Limit.
- CA EPA - California Environmental Protection Agency
- DTSC - Department of Toxic Substance Control
- HERO HHRA - Human and Ecological Risk Office Human Health Risk Assessment

Red shading indicates value above the RSLs or HERO Note 3 (0.001 attenuation factor) residential screening level.

- TCE - Trichloroethene
- PCE - Tetrachloroethene
- 1,2,4 - 1,2,4-Trimethylbenzene
- 1,3,5 - 1,3,5-Trimethylbenzene

**Table 2**  
**Summary of Soil Analytical Results - Pesticides**  
**Gardena (141st and Normandie)**

Location	Depth <sup>(1)</sup>	Date	Pesticides (EPA Test Method 8081A)				
			4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Other OCPs
Screening Levels for residential soil (mg/Kg) <sup>(2)</sup>			2.3	2.0	1.9	0.034	varies
Hazardous Waste Levels (mg/Kg)			1.0	1.0	1.0	8.0	varies
Typical Background Levels in California			NE	NE	NE	NE	NE
<b>Samples</b>							
HA-1-1	1.0	5/10/2019	<0.0020	<0.0020	<0.0020	<0.0020	<varies
HA-2-1	1.0	5/10/2019	<0.0040	<b>0.053</b>	<b>0.019</b>	<b>0.0074</b>	<varies
HA-3-1	1.0	5/10/2019	<0.0040	<b>0.130</b>	<b>0.086</b>	<b>0.0057</b>	alpha-Chlordane: 0.019 delta-BHC: 0.023 Chlordane: 0.150 gamma-Chlordane: 0.012 Endrin: 0.0094
HA-4-1	1.0	5/10/2019	<0.0020	<b>0.018</b>	<b>0.0088</b>	<0.0020	alpha-Chlordane: 0.0033 delta-BHC: 0.0066 Chlordane: 0.023 gamma-Chlordane: <b>0.0019</b>
SB-1-1	1.0	5/10/2019	<b>0.0021</b>	<b>0.040</b>	<b>0.041</b>	<0.0020	alpha-Chlordane: 0.0012 Chlordane: 0.010 delta-BHC [2C]: 0.0051

NOTES:

(1) Sample depth is reported as feet below ground surface  
(2) Screening level value is determined by the more conservative value from the California DTSC HERO Note 3 or USEPA RSLs.

All concentrations reported in milligrams of metal per kilogram of soil (mg/kg)  
< - Indicates the concentration was not detected above the laboratory method reporting limit.

**BOLD** - Indicates the concentration is above the laboratory reporting level

	Concentration exceeds USEPA Region 9 RLS
	Concentration exceeds Southern California regional background levels

ABBREVIATIONS:

DTSC - Department of Toxic Substances Control  
HERO - Human and Ecological Risk Office  
NA - Not analyzed  
ND - Not detected  
NE - Not established  
USEPA RSL - United States Environmental Protection Agency Regional Screening Levels, residential use

**Table 3**  
**Summary of Soil Analytical Results - Lead & Arsenic**  
**Gardena (141st and Normandie)**

Sample ID <sup>(1)</sup>	Sampling Date	Sampling Depth (ft)	Metals (mg/kg)	
			EPA 6010B <sup>(2)</sup>	
			Arsenic	Lead
USEPA RSLs (mg/kg)			0.68	80
California Background Levels (mg/kg)			0.6-11.0	12.4 - 97.1
<i>Samples</i>				
HA-1-1	5/10/2019	1.0	<b>2.2</b>	<b>4.3</b>
HA-2-1	5/10/2019	1.0	<b>4.5</b>	<b>9.2</b>
HA-3-1	5/10/2019	1.0	<b>2.1</b>	<b>10</b>
HA-4-1	5/10/2019	1.0	<b>1.6</b>	<b>8.2</b>
SB-1-1	5/10/2019	1.0	<1.0	<b>17</b>

NOTES:

(1) Refer to Figure 2 for sampling locations

(2) Concentrations reported in milligrams per kilogram (mg/kg), EPA Test Method 6010B

ABBREVIATIONS:

USEPA RSLs - United States Environmental Protection Agency Regional Screening Levels for Residential Soils (May 2016)

**1335, 1337, 1341, AND 1343 WEST 141ST STREET, GARDENA, CALIFORNIA**

Appendix A Photographs of the Property and Vicinity  
May 21, 2019

## **Appendix A Photographs of the Property and Vicinity**





**Photo #1** View of the covered nursery located on the northeast corner of West 141<sup>st</sup> Street and Normandie.



**Photo #2** View of the two occupied residential structures (pink and yellow) on the southern portion of the Property along West 141<sup>st</sup> Street. Residential structures appear to the east.



**Photo #3** View of the dirt road in the northern portion of the Property. Residential structures appear adjacent to the north.



**Photo #4** View of nursery and greenhouse located in the western portion of the Property.



**Photo #5** View of area of former 500-gallon gasoline underground storage tank and dispenser in the northern portion of the Property.



**Photo #6** View of hazardous materials storage cabinets located in the center of the greenhouse.



**Photo #7** View of inoperable steam machine formerly used for controlling climate of greenhouse.



**Photo #8** View of miscellaneous items currently being stored by the groundskeeper in the greenhouse.

**1335, 1337, 1341, AND 1343 WEST 141ST STREET, GARDENA, CALIFORNIA**

Appendix B Stantec Resumes  
May 21, 2019

## **Appendix B STANTEC RESUMES**



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Alicia is an Associate Scientist with over ten years of experience in Phase I and II Environmental Assessments, with strong emphasis in water quality and environmental research. She is experienced in California Environmental Quality Act (CEQA) compliance and the preparation of initial studies. Alicia has managed the preparation of environmental documents, training programs, and environmental compliance during large environmental monitoring projects. Alicia's environmental consulting experience includes performing asbestos and lead-based paint surveys, oversight of contractors during asbestos abatement, hazardous materials surveys, and Phase I Environmental Site Assessments in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13.

### EDUCATION

BA, Environmental Studies, San Jose State University, San Jose, California, 2004

### CERTIFICATIONS & TRAINING

Residential Measurement Provider, 108212, National Radon Proficiency Program, Anaheim, California, 2015

### REGISTRATIONS

Certified Asbestos Consultant #CAC #15-5379, State of California Division of Occupational Safety and Health

Lead Related Construction Inspector Assessor #19526, California Department of Public Health

### MEMBERSHIPS

Member, Groundwater Resources Association of California

### PROJECT EXPERIENCE

**Health, Safety & Industrial Hygiene**  
Confidential Health Care Company, Asbestos, Lead-Based Paint, and Hazardous Materials Survey, Northern California (Staff)

Alicia assisted with site inspections for asbestos, lead-based paint, and hazardous materials at multiple occupied hospitals and office spaces. The scope of work involved sample collection for asbestos and lead-based paint in addition to the quantification of universal wastes (PCBs, mercury containing equipment, refrigerants, etc.) that would require special handling and disposal. She assisted with the preparation of reports summarizing findings.

**State of California General Services, Asbestos, Lead-Based Paint, and Hazardous Materials Survey, Northern California (Project Lead)**

Alicia assisted with site inspections for asbestos, lead-based paint, and hazardous materials at multiple communication towers in remote areas. The scope of work involved sample collection for asbestos and lead-based paint in addition to the quantification of universal wastes (PCBs, mercury containing equipment, refrigerants, etc.) that would require special handling and disposal. She assisted with the preparation of reports summarizing findings.

\* denotes projects completed with other firms

## Alicia R Jansen CAC, LRCST

Environmental Scientist

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### **Indoor Air Quality Assessments\*, San Jose, California (Staff)**

Alicia performed site inspections, interviews, and collected air samples to be analyzed for various air pollutants and molds including formaldehyde, penicillium, aspergillus, cladosporium, and stachybotry. She prepared reports summarizing findings and made recommendations.

### **Veteran's Administration of Puget Sound, Asbestos and Lead-Based Paint Survey, Seattle, Washington (Project Scientist)**

Alicia served as the Project Scientist responsible for hazardous building material assessments, specifically asbestos and lead-based paint. These services were required as part of the pre-design tasks for this project. Over 300 samples were collected over the span of four days culminating in a final hazardous building materials report to be incorporated into the facility design as well as demolition activities once the construction phase of the project commences.

### **Interim Remedial Action, Indoor Air Sampling, and Sub-Slab Soil Gas Sampling, Sunnyvale, California (Staff)**

Alicia conducted an indoor air sampling survey using air sampling pumps, dosimeter badges, and flame ionization detector (FID) during a sump excavation. She performs semi-annual sub-slab soil vapor sampling and indoor air quality surveys using summa canisters. She assists with the preparation and submittal of reports summarizing the findings and provides recommendations to the RWQCB.

### **Lead Dust Assessment and Abatement Oversight, Fremont, California (Project Scientist)**

Alicia assisted with the evaluation of lead dust in an industrial facility. A total of 307 dust wipe samples were collected in order to evaluate the potential presence of lead dust throughout the two-story, 500,000 square foot manufacturing building.

### **Former Tesoro Coke Facility, Asbestos, Lead-Based Paint Survey, Pittsburg, California (Project Scientist)**

Alicia assisted with an asbestos and lead paint survey of 20 structures at the facility ultimately scheduled for demolition. More than 200 samples were collected over the span of two days. A report was prepared that will stand up to regulatory scrutiny for demolition while providing the information needed for worker safety during demolition activities at the facility

### **Permitting, Compliance, Auditing**

#### **Tesoro Refinery, Initial Study\*, Benicia, California (Staff)**

Alicia assisted with the background research and preparation of applicant-prepared initial study for the upgrade of a refinery.

#### **Transmission Line Upgrade\*, San Mateo to San Francisco, California (Staff)**

Alicia supported the environmental compliance program for the construction of a 27-mile 230 kV underground and overhead transmission line. She assisted with the preparation and submittal of variance requests, extra work space requests, and daily and weekly reports for submittal to the California Public Utilities Commission. She also conducted research and assisted with training and report preparation.

*\* denotes projects completed with other firms*

## Alicia R Jansen CAC, LRCST

Environmental Scientist

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### **Remedial Investigations & Assessments**

#### **Multiple Confidential Clients, Phase I Environmental Site Assessments (ESA), Multiple Sites, California (Project Lead)**

Alicia performs Phase I ESA in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13 to achieve compliance with requirements of the "All Appropriate Inquiries" rule required to obtain protection from liability under the federal Comprehensive Environmental Response, Cleanup and Liability Act (CERCLA). Previous sites include large industrial warehouses, multi-tenant commercial buildings, and residential properties. She reviews topographic maps, Sanborn Fire Insurance Maps, and files at local regulatory agencies. She interviews present and former property owners and performed site and adjacent property reconnaissance. She prepares reports summarizing the findings and provides recommendations for further assessment if applicable.

#### **California Department of Transportation Portfolio, Multiple Sites, Northern California (Project Lead)**

Alicia prepared quarterly groundwater monitoring reports, subsurface investigation reports, sensitive receptor surveys, and preferential pathway studies for various California Department of Transportation locations throughout northern California. She assisted with the utility locating, work plan preparation, field coordination, archived data onto the State Water Resource Control Board's (RWQCB) Geotracker electronic filing system.

#### **Homebuilder, Soil Gas Sampling and Human Health Risk Assessment, San Jose, California (Project Lead)**

Alicia performed a soil vapor survey in conformance with the DTSC, Advisory Active Soil Gas Investigations, using a low-dead volume soil vapor sampling device and a mobile laboratory for onsite chemical analysis. She also assisted with the report preparation summarizing the findings and providing recommendations for further assessment, if applicable.

#### **Goodyear Portfolio, Northern California and Hawaii (Project Lead)**

Alicia performed Phase I ESAs and Phase II Site Assessments for various Goodyear Tire & Rubber Company locations throughout California and Hawaii. She assisted with the installation of monitoring wells and exploratory borings; underground storage tank removals; site restoration; product removal with passive recovery system; archived data onto the State Water Resource Control Board's Geotracker electronic filing system; and assisted with the preparation of quarterly groundwater monitoring reports, sensitive receptor surveys, site conceptual models, and subsurface investigation reports.

*\* denotes projects completed with other firms*

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Joshua is a staff geologist with a master's degree in geological sciences. He has extensive field experience in geophysical exploration techniques and Phase I and II Environmental Assessment field work and report preparation. His field experience includes subsurface gold-copper porphyry deposit mapping using induced polarization and resistivity geophysics, mapping of shallow faults throughout Southern California using refraction seismology equipment, soil logging and collection, soil vapor collection, and surface and groundwater collection with basic flow measurements and parameter stabilization. He is skilled in using ArcGIS 10, Adobe Suite, and the Microsoft Office Suite. Joshua's environmental consulting experience includes performing Phase I Environmental Site Assessments in accordance with the practices identified in the American Society for Testing and Materials (ASTM) Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, ASTM Designation E 1527-13, and the collection, and interpretation of Phase II Environmental Assessment data. Joshua also has experience in preparing Phase II Environmental Assessment reports based from this compiled data.

## EDUCATION

MS, Geological Sciences, California Polytechnic State University, Pomona, California, 2014

BS, Geological Sciences, California Polytechnic State University, Pomona, California, 2012

## CERTIFICATIONS & TRAINING

8-Hour Supervisor Trainer Course Certification  
Hazardous Waste Standard, OSHA, Redlands, California, 2015

8-Hour Refresher Course Hazardous Waste Standard (29 CFR 1910.120), OSHA, Redlands, California, 2015

First Aid and CPR Certification, American Safety, Redlands, California, 2015

40-Hour Hazardous Waste, OSHA, Signal Hill, California, 2012

## MEMBERSHIPS

Member, Geological Society of America

## PROJECT EXPERIENCE

**Health and Safety Management**  
Health and Safety Subcontractor Oversight Services (Geological Staff)

Joshua has provided subcontractor oversight for field activities including soil, soil vapor, and groundwater sampling. Other field activities include well destruction and on-site remediation.

### Technical Writing

Various Technical Writing Projects (Geological Staff)

Joshua prepares Health and Safety plans, written permit applications, Phase I and Phase II Environmental Site Assessments reports, Work Plans dealing with soil, soil vapor, and groundwater sampling, and groundwater monitoring reports.

# Joshua Sargent

Geologic Staff

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## **Environmental Site Assessments**

**Phase I Site Assessment, Redlands, California (Phase I and Phase II Environmental Site Assessment, Author)**

Joshua performed an on-site reconnaissance survey, historical records investigation, and formulated the report deliverable. The report provided a thorough review of the property history and defined present environmental concerns for the client.

## **Soil Sampling**

**Dust and Pesticide Monitoring, Soil Sampling, Monterey Park, California (Oversight, Dust and Pesticide Monitoring, Soil Sampling)**

Joshua performed field oversight during contaminated soil removal at a future residential community. Dust and toxaphene were monitored simultaneously to generate a site-specific threshold for dust concentration. Routine dust monitoring was performed once the threshold was determined. Property gridding and soil sampling were performed to determine contamination.

## **Soil Vapor Intrusion Assessment**

**Soil Vapor Monitoring Well Installation, Various Locations, California (Field Oversight, Soil Description)**

Joshua performed field oversight during the installation of multiple soil vapor monitoring wells. He assisted with health and safety oversight, described the soil during drilling, activities, assisted with the well installation, and conducted the subsequent soil vapor sampling.

## **Environmental Site Remediation**

**Subcontractor Oversight Services and Confirmation Soil Sampling (Geological Staff)**

Joshua has provided subcontractor oversight for remedial excavation of pesticide- and petroleum-impacted soil, and later conducted confirmation sampling to ensure all impacted material had been removed from the Site.

**Soil Vapor Remediation, Orange County, California (Geological Staff)**

Joshua has provided monthly operation and maintenance on a soil vapor extraction system operating at a historical landfill. Components of the operation and maintenance included measurements of the recovered vapor for methane and volatile organic compounds, and collecting flow measurements from the extraction wells. Joshua prepared month operation and maintenance reports.

# Joshua Sargent

Geologic Staff

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## PUBLICATIONS

Sources of Fluids in Shallow Groundwater Near Natural Gas Extraction – Weld, Adams, and Boulder Counties, Colorado. Geological Society of America Poster Presentation, Poster # 344-6, Session # 344, Geological Society of America 125th Annual Meeting, Denver, Colorado, 2013.

Sources of Fluids and Salinity in Shallow Groundwater Near Natural Gas Extraction: Weld, Adams, and Boulder Counties, Colorado. Geological Sciences Department for California Polytechnic State University Pomona, 2014.

Sources of Biogenic Methane in Shallow Aquifers, Denver Julesburg Basin, Colorado. Applied Geochemistry, 2015.

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Kyle has more than 28 years of professional experience—17 of those years with Stantec—providing geotechnical and environmental consulting. During the course of his experience, he has been involved with a wide variety of geological and engineering projects. He has been in direct charge of quality control/quality assurance (QA/QC) work for Stantec and previous firms for geological, engineering geological, and environmental services primarily in California. Additionally, Kyle has been a primary contact for Stantec with many different clients (including multi-party actions) and regulatory bodies involving contracting, workplan approvals, site assessments and closures, permitting, remedial action, and litigation support. With regard to litigation services, Kyle has extensive experience providing expert witness testimony, second-party review, and litigation support and analysis.

Kyle's extensive experience includes assessment and remediation of property-specific and regional issues involving soil and groundwater contaminated with petroleum hydrocarbons, chlorinated solvents, heavy metals, pesticides, and PCBs.

He currently serves as the managing principal geologist in Stantec's Redlands, California office.

## EDUCATION

Engineering Geology/Hydrogeology, California State University, Los Angeles, California, 1984

AS, General Science, Crafton Hills College, Yucaipa, California, 1975

BS, Geological Sciences, California State University, Long Beach, California, 1982

## REGISTRATIONS

Certified Engineering Geologist #1271, State of California Issued 1985, Expires 2011

Professional Geologist #4066, State of California Issued 1985, Expires 2011

## PROJECT EXPERIENCE

### Bioremediation

#### Excavation and Treatment of Petroleum-Contaminated Soil

Kyle designed the excavation and treatment of 45,000 cubic yards of petroleum-contaminated soil. Soil treatment included utilizing vapor extraction, combined with bioremediation.

*\* denotes projects completed with other firms*

## Kyle D. Emerson PG, CEG

Managing Principal Geologist

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### **Chemicals & Polymers**

#### **Two Former Chemical Plants, Environmental Site Assessments and Remediation, Vernon, California**

Mr. Emerson was part of the team for conducting Phase I and Phase II Environmental Site Assessments (ESA) and developing remedial action plans for two former chemical plant sites with 80-year industrial histories. Phase I ESAs used historical files, maps, aerial photographs, available documents, and data from public agencies and historical directories for identifying recognized environmental concerns. Extensive Phase II ESA survey activities aided in identifying below-grade structures such as vaults/USTs, as well as assessing the extent of influence and nature of the contamination. These investigations confirmed the presence of heavy metals, petroleum hydrocarbons, volatile organic compounds, polychlorinated biphenyls, radioactive materials, semi-volatile organic compounds, and polycyclic aromatic compounds in the soils for these sites. Specific areas of concern included former settling ponds, a bone yard, maintenance areas, transformer and substations, wastewater treatment facilities, and above-ground storage tank farms. A conceptual mode was developed for use in a health risk assessment and developed risk-based corrective actions to address potential health and environmental concerns. He assisted with the development and implementation of a remedial action plan, combined administrative controls, engineering controls, and active remediation; this resulted in the cost-effective return of one site to active use, and is reducing health risks to occupants and the public at the second site.

#### **CONFIDENTIAL: Aerospace Adhesives and Coatings Plant, Glendale, California**

Mr. Emerson was part of the team that conducted feasibility studies to evaluate remedial alternatives for remediation of chlorinated VOCs, 1,4 dioxane, and hexavalent chromium (CrVI) in soil, soil vapor, and groundwater. Feasibility studies included groundwater pump testing, benchscale column testing to evaluate in situ alternatives for reducing CrVI to the less mobile CrIII valence state, soil vapor extraction, capping, and excavation. Field pilot studies were performed to evaluate the efficiency of various CrVI reductants including the use of ferrous sulfate, calcium polysulfide, emulsified oil, and fructose. Extensive multi-depth soil vapor testing was conducted to evaluate the distribution of VOCs in the subsurface and to support vapor intrusion risk assessment. Feasibility studies were completed in 2008. Remedial actions are expected to be completed in 2011.

### **Condition Assessments**

#### **Assessment and Mitigation of Manufacturing Facility**

Kyle managed the assessment and mitigation of an ammunition manufacturing facility covering 1,100 acres in a complex geologic environment. The contaminants involved red and white phosphorous, TNT, chlorinated solvents, solid wastes, and live ordinance.

#### **Soil Contamination Assessment Supervision and Management**

Kyle managed and supervised soil contamination assessment and in-situ remediation of heavy metals involving chromium, cadmium, nickel and zinc by chemical fixation to depths in excess of 40 feet below ground surface beneath existing structures within several manufacturing facilities.

\* denotes projects completed with other firms

## Kyle D. Emerson PG, CEG

Managing Principal Geologist

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### **Litigation Support and Expert Testimony**

Kyle provided litigation support and expert testimony on more than 20 separate projects involving service stations, chlorinated solvent cases, heavy metal, and semi-volatile releases.

### **Corporate / Office**

#### **Commercial Developer - Environmental Remediation of Former Dry Cleaners, El Centro, California**

Mr. Emerson was responsible for assessments and remediation at this former dry cleaners which released the dry cleaning chemical tetrachloroethene (PCE) to the ground and underlying groundwater. The work included initial site assessment, agency interaction and negotiations with the California Regional Water Quality Control Board (CRWQCB), and Colorado Basin Region human health risk assessment (HHRA), design and implementation of remedial investigations, feasibility studies, remedial action plans, and implementation of remediation in mitigating chlorinated solvent contamination in vadose and saturated zones at concentrations indicative of DNAPL. The results of the completed remediation, as well as continued confirmation sampling and monitoring, allowed the CRWQCB to issue site closure in 2008. The site has since been redeveloped into a new commercial development.

### **Environmental Assessments**

#### **Siting Studies**

Kyle performed initial siting studies for potential Class I, II, and III landfills. The project included detailed geologic mapping, hydrogeological studies, and permeability studies of caps and liners.

### **Environmental Site Remediation**

#### **Assessment and Remedial Design, California (Project Supervisor)**

Kyle supervised the assessment and remedial design of a system to eliminate salt brine contamination in shallow perched water horizons in the Yucaipa, San Bernardino, and Riverside areas of southern California.

#### **Design and Installation of Recovery Systems\***

Kyle designed and installed numerous free-product recovery systems that successfully recovered product. One of the sites contained product up to 11-feet thick covering more than three city blocks. The dissolved phase had affected a multi-aquifer system and a public drinking water system.

#### **Geophysical Characterizations\***

Kyle performed and supervised numerous geophysical characterizations to determine the extent of old landfills. He provided classification studies, landfill gas monitoring, removal verification during grading, methane collection and mitigation plans, permitting, and closure plans.

#### **Domestic Landfill Development\***

Kyle designed and supervised the dynamic consolidation of a domestic landfill for development. He used this process to minimize expected settlement to overlying structures. Kyle designed commercial developments on closed landfills that involved complex methane collection and monitoring systems and building settlement controls.

\* denotes projects completed with other firms

## Kyle D. Emerson PG, CEG

Managing Principal Geologist

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### **Clay Borrow Site Studies**

Kyle performed more than 10 separate clay borrow site studies for determining sources of material to cap landfills; ranged from a 20-acre dry lakebed to a 450-acre parcel in complex folded marine sediments.

### **Assessment, Clean Up, and Regulatory Support Management, Santa, Monica (Project Manager)**

Kyle managed the assessment, clean up, and complex regulatory support of a PRP site in an MTBE case (Charnock subbasin). His work involved more than 20 environmental professionals working full time for two years to complete the assessment and clean up mandated by the regulatory agencies.

### **Hazardous Waste**

#### **San Gabriel Valley Superfund Site, Remediation & Closure of Multiple Source Areas, Industry, California**

Mr. Emerson performed feasibility studies to evaluate appropriate and relevant remedial alternatives to mitigate constituents of concern in five AOCs contaminated with chlorinated hydrocarbons, heavy metals, petroleum fuel, and cutting oils. Ultimately, a combination of remedial alternatives was implemented that included large-diameter auger excavation to 45 feet to minimize impacts on facility operations, vapor extraction, vapor intrusion risk assessment, deed restriction, and monitored natural attenuation. At the completion of remedial actions, confirmation soil, soil vapor, and groundwater sampling were conducted and followed with risk assessment to demonstrate that remedial objectives had been achieved. No further action was recently granted by the US EPA and Los Angeles Regional Water Quality Control Board.

### **Mixed-Use**

#### **Port of San Diego Rohr Facility, Chula Vista, California**

Mr. Emerson assisted in a detailed subsurface assessment of the Rohr facility. The intent of the assessment was to evaluate the 40-acre former aircraft part manufacturing facility for acquisition by the Port of San Diego for redevelopment into a business park and entertainment complex. The assessment identified the presence of soil, soil vapor, and groundwater impacts by petroleum hydrocarbons, VOCs, heavy metals, PCBs, and semi-volatile organic compounds. He utilized many sampling techniques to assess the limits and concentrations of contaminants in the subsurface. Ultimately, the team was able to develop a cost estimate for potential remedial action cost associated to corrective action to allow redevelopment.

#### **Master Planned Commercial/Residential Redevelopment Project, Whittier, California (Project Manager)**

Kyle oversaw the assessment of 26 contiguous properties that are part of a 21-acre master planned commercial/residential redevelopment project. The properties included industrial facilities, platting lines, fuel USTs, and metal processing plants, among others. The estimated cleanup costs are approximately \$2 million.

*\* denotes projects completed with other firms*

## Kyle D. Emerson PG, CEG

Managing Principal Geologist

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### **Multi-Unit / Family Residential**

#### **Residential Development Assessment, Ventura, California (Project Director)**

Kyle directed an assessment of a 40-acre former agricultural property proposed for residential development. Pesticides were identified above hazardous waste levels and preliminary remediation goals established by the U.S. Environmental Protection Agency. Through corrective grading methods and onsite placement of the pesticide impacted soils, all material were re-used on site without offsite disposal. The overall cost savings for the client was more than \$1 million. Total cost was less than \$250,000 for all necessary activities.

### **Oil & Gas**

#### **Oil Field Site Assessments\***

Kyle performed site assessments at oil field leases involving refineries, bulk storage areas, piping systems and wellhead, and drilling mud pit contamination.

#### **Environmental Protection Agency Superfund Action, Culver City, California (Project Manager)**

Kyle served as the project manager representing a major oil company in the assessment, remedial action, and litigation support in a multi-party contamination case affecting a City water supply. The assessment involved more than 250 continuous core borings up to 100 feet, as well as extensive remedial actions. The total cost for all related activities was \$22 million. The case is settled and the closure of the site is pending.

### **Project Management**

#### **Liability and Property Management Consulting Services**

Kyle is providing liability and property management consulting services to more than 10 medium to large property development firms in the US. His work involves property transaction assessments, contract review, acquisition guideline development, liability management evaluation, insurance acquisition, and strategic planning.

### **Residential Development**

#### **Environmental Development Management and Review (Project Manager)**

Kyle manages and reviews environmental development issues for a large residential developer specializing in development of contaminated industrial properties by providing innovative solutions in developing contaminated properties for residential use through risk assessment, engineering, and administrative and property development controls.

### **Site Management and Remediation**

#### **Design and Implementation of Biodegradation Programs\*, California**

Kyle designed and implemented one of the first in-situ biodegradation programs in California; it involved 50,000 cubic yards of diesel-contaminated soils, and groundwater to depths of 70 feet below ground surface.

\* denotes projects completed with other firms

## Kyle D. Emerson PG, CEG

Managing Principal Geologist

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### **Soil and Groundwater Remediation Systems Soil and Groundwater Contamination Assessments and Mitigation\*, California (Project Manager)**

Kyle managed numerous chlorinated solvent soil and groundwater contamination assessments and mitigation programs in southern California. The projects involved releases that impacted soil and groundwater to depth of groundwater more than 700 feet in multi-aquifer systems. One case involved with plume dimensions more than 1 mile from the source affecting residential properties.

### **Soil and Groundwater Assessment and Remediation Programs\***

Implemented hundreds of soil and groundwater assessment and remediation programs at various service station facilities in Southern and Northern California, and Nevada. Work involved assessment, remedial design, installation, maintenance and monitoring. Closure has been received on a majority of these sites.

### **Assessment and Remediation Management\***

Kyle managed the assessment and remediation of soil and groundwater manufacturing at dry cleaning facilities contaminated with chlorinated solvents.

### **Warehouse / Light Industrial**

#### **Glendale Redevelopment Project, Glendale, California (Project Manager)**

Kyle managed the assessment and remedial actions during the redevelopment of an industrial property. The project involved the demolition of a historic manufacturing facility and a commercial dry cleaner. Each of these facilities were associated with releases of solvents and petroleum hydrocarbons. Remedial actions involved excavation by pattern drilling and off site disposal along with removal of former USTs. The total cost of remediation and assessment was \$450,000.00.

#### **Compton Redevelopment Project, Compton, California (Project Manager)**

Kyle is serving as project manager for the assessment and remedial actions for a large redevelopment project. The project involves the redevelopment of a historic manufacturing facility and a former dry cleaner. Each of these facilities were associated with releases of solvents and petroleum hydrocarbons. The industrial facility was also associated with significant volumes of buried waste that required removal and disposal. These wastes also included the chemical referenced above, as well as PCBs and heavy metals. Remediation has included excavation, vapor extraction, and chemical fixation. The total cost of this project has been \$2.8 million to date.

\* denotes projects completed with other firms

**Kyle D. Emerson** PG, CEG

Managing Principal Geologist

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## **PUBLICATIONS**

In-Situ Bioremediation of an Underground Diesel Fuel Spill: A Case Study. Environmental Management, 1989.

**1335, 1337, 1341, AND 1343 WEST 141ST STREET, GARDENA, CALIFORNIA**

Appendix C User Provided Records  
May 21, 2019

## **Appendix C USER PROVIDED RECORDS**





## PHASE I ESA USER'S QUESTIONNAIRE

In order to qualify for protection from land owner liability under CERCLA as an *innocent landowner, bona fide prospective purchaser, or contiguous property owner*, ASTM standard practice E1527-13 and the federal AAI rule (40 CFR 312) require that the User of the Phase I ESA report provide certain information (if available) to the Environmental Professional completing the assessment. Failure to provide this information could result in a determination that "all appropriate inquiry" is not complete. Information that is not or cannot be provided to the Environmental Professional may be identified as a "data gap" in the Phase I ESA report.

Please answer the following questions as completely as possible. Attach additional pages as needed. Return the completed questionnaire to Stantec Consulting Services Inc.

1. Property Information

Property Name: Gardena (141st & Normandie) aka Lloyd's Nursery

Property Address: 1335, 1337, 1341, & 1343 West 141st Street

City: Gardena State CA Zip 90247

Property Owner Name: Arleen Kiyoko Sakahara; Kathy Sanaye Lee; Wayne Tetsuo Nakayama; William Bo Ok Lee; Kathy Sanaye Lee; Wayne T. Nakayama; Janice Nakayama; Dick H. Sakahara; Arleen K. Sakahara; Arleen Kiyoko Sakahara; Kathy Sanaye Lee; and Wayne Tetsuo Nakayama

Property Owner Phone #: Wayne Nakayama

2. Contact For Site Access

Name: Doris Nguyen

Company/Organization/Title: The Olson Company

Phone # 562-370-2261 E-Mail Address: dnguyen@theolsonco.com

3. Environmental Cleanup Liens. Are you aware of any environmental cleanup liens against the property that are filed or recorded under federal, tribal, state or local law?

\_\_\_\_\_ Yes                      \_\_\_X\_\_\_ No

If yes, describe or attach details of the lien \_\_\_\_\_



4. Activity and Land Use Limitations. Are you aware of any activity and use limitations, such as engineering controls, land use restrictions, or institutional controls that are in place at the property and/or have been filed or recorded as applicable to the property as a result of environmental contamination, investigation, cleanup, or related matters?

\_\_\_\_\_ Yes                      \_\_\_X\_\_\_ No

If yes, describe or attach details of the limitations \_\_\_\_\_  
\_\_\_\_\_

5. Specialized Knowledge or Experience. As the User of this ESA, do you have any specialized knowledge or experience related to 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, such that you would have specialized knowledge about chemicals and processes used by this type of business?

\_\_\_ \_\_\_\_\_ Yes                      \_\_\_X\_\_\_ No

If yes, describe or attach details of your specialized knowledge or experience \_\_\_\_\_  
\_\_\_\_\_

6. Relationship of Purchase Price to Fair Market Value of Property. 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, do you have any reason to believe that the reduced purchase price may be related to contamination known or believed to be present at the property?

\_\_\_\_\_ Yes, I have reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property?

\_\_\_X\_\_\_ No, I have no reason to believe that the purchase price for the property has been reduced in comparison with the fair market value due to contamination known or believed to be present at the property?

\_\_\_\_\_ Not applicable. User is not involved in a purchase of the property.



7. Commonly Known or Reasonably Ascertainable Information. 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 of hazardous substances or petroleum products? For example:

Do you know the past uses of the property?

Yes (describe) The land owner disclosed that there was a former underground diesel gasoline tank on site that was previously removed. The site is also a plant nursery and has been for decades.

No

Do you know of chemicals, hazardous substances or petroleum products that are present or once were present at the property?

Yes (describe) There was a former diesel gasoline tank on site.

No

Do you know of spills or other releases of chemicals, hazardous substances or petroleum products that have taken place at the property?

Yes (describe) \_\_\_\_\_

No

Do you know of any environmental cleanups that have taken place at the property?

Yes (describe) \_\_\_\_\_

No The gasoline tank was removed, but there is no record of the removal since it was completed roughly 35 years ago by the current owner's deceased father.



8. The Degree of Obviousness of Contamination. E1527-13 and the federal AAI rule (40 CFR 312.31) require that the Phase I ESA consider the degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation. 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 (describe) \_\_\_\_\_

No

9. Availability of Previous Environmental Reports. Are you aware of previous environmental site assessment reports, other environmental reports, documents, correspondence, etc. concerning the property and its environmental condition?

Yes (describe) \_\_\_\_\_

\_\_\_\_\_  
 No

Signature: *Doris Nguyen* \_\_\_\_\_

Name (printed): Doris Nguyen \_\_\_\_\_

Title: VP of Development \_\_\_\_\_

Date: 5-13-18 \_\_\_\_\_

**Update 2**



*First American Title*

## **First American Title Company**

**1250 Corona Pointe Court, Suite 200  
Corona, CA 92879**

Customer Reference: Gardena

Order Number: OSA-5808410 (29)

Title Officer: Hugo Tello  
Phone: (951)256-5883  
Fax No.: (866)782-3439  
E-Mail: htello@firstam.com

Escrow Officer: Jeanne Gould  
Phone: (949)885-2405  
Fax No.: (714)913-6372  
E-Mail: jagould@firstam.com

Buyer:

### **PRELIMINARY REPORT**

In response to the above referenced application for a policy of title insurance, this company hereby reports that it is prepared to issue, or cause to be issued, as of the date hereof, a Policy or Policies of Title Insurance describing the land and the estate or interest therein hereinafter set forth, insuring against loss which may be sustained by reason of any defect, lien or encumbrance not shown or referred to as an Exception below or not excluded from coverage pursuant to the printed Schedules, Conditions and Stipulations of said Policy forms.

The printed Exceptions and Exclusions from the coverage and Limitations on Covered Risks of said policy or policies are set forth in Exhibit A attached. *The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than that set forth in the arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties.* Limitations on Covered Risks applicable to the CLTA and ALTA Homeowner's Policies of Title Insurance which establish a Deductible Amount and a Maximum Dollar Limit of Liability for certain coverages are also set forth in Exhibit A. Copies of the policy forms should be read. They are available from the office which issued this report.

**Please read the exceptions shown or referred to below and the exceptions and exclusions set forth in Exhibit A of this report carefully. The exceptions and exclusions are meant to provide you with notice of matters which are not covered under the terms of the title insurance policy and should be carefully considered.**

**It is important to note that this preliminary report is not a written representation as to the condition of title and may not list all liens, defects, and encumbrances affecting title to the land.**

This report (and any supplements or amendments hereto) is issued solely for the purpose of facilitating the issuance of a policy of title insurance and no liability is assumed hereby. If it is desired that liability be assumed prior to the issuance of a policy of title insurance, a Binder or Commitment should be requested.

Dated as of April 16, 2019 at 7:30 A.M.

The form of Policy of title insurance contemplated by this report is:

To Be Determined

A specific request should be made if another form or additional coverage is desired.

Title to said estate or interest at the date hereof is vested in:

ARLEEN KIYOKO SAKAHARA, A MARRIED WOMAN, AS HER SOLE AND SEPARATE PROPERTY, AS TO AN UNDIVIDED 1/3 INTEREST, KATHY SANAYE LEE, A MARRIED WOMAN, AS HER SOLE AND SEPARATE PROPERTY, AS TO AN UNDIVIDED 1/3 INTEREST, AND WAYNE T. NAKAYAMA, TRUSTEE OF THE WAYNE AND JANICE NAKAYAMA FAMILY TRUST DATED OCTOBER 31, 2018 (SOLE AND SEPARATE TRUST OF WAYNE T. NAKAYAMA) AS TO AN UNDIVIDED 1/3 INTEREST, AS TO PARCEL 1

WILLIAM BO OK LEE AND KATHY SANAYAE LEE, HUSBAND AND WIFE, AS TO AN UNDIVIDED ONE-FOURTH (1/4) INTEREST, AND WAYNE T. NAKAYAMA AND JANICE NAKAYAMA, HUSBAND AND WIFE, AS TO AN UNDIVIDED ONE-FOURTH (1/4) INTEREST AND DICK H. SAKAHARA AND ARLEEN K. SAKAHARA, TRUSTEES OF THE SAKAHARA FAMILY TRUST ESTABLISHED DECEMBER 7, 2000, AS TO AN UNDIVIDED ONE-FOURTH (1/4) INTEREST, ALL AS TENANTS IN COMMON, AND ARLEEN KIYOKO SAKAHARA, A MARRIED WOMAN, AS HER SOLE AND SEPARATE PROPERTY AND KATHY SANAYE LEE, A MARRIED WOMAN, AS HER SOLE AND SEPARATE PROPERTY AND WAYNE T. NAKAYAMA, TRUSTEE OF THE WAYNE AND JANICE NAKAYAMA FAMILY TRUST DATED OCTOBER 31, 2018 (SOLE AND SEPARATE TRUST OF WAYNE T. NAKAYAMA), AS THEIR INTEREST MAY APPEAR AS TO THE REMAINING UNDIVIDED ONE-FOURTH (1/4) INTEREST, ALL AS TO PARCEL 2

The estate or interest in the land hereinafter described or referred to covered by this Report is:

A fee.

The Land referred to herein is described as follows:

(See attached Legal Description)

At the date hereof exceptions to coverage in addition to the printed Exceptions and Exclusions in said policy form would be as follows:

1. General and special taxes and assessments for the fiscal year 2019-2020, a lien not yet due or payable.
2. The lien of supplemental taxes, if any, assessed pursuant to Chapter 3.5 commencing with Section 75 of the California Revenue and Taxation Code.

3. A Deed of Trust to secure an original indebtedness of \$261,000.00 recorded October 27, 2014 as Instrument No. 20141134817 of Official Records.

Dated: October 7, 2014

Trustor: Lloyd T. Nakayama, individually, and Lloyd Takashi Nakayama, Trustee of The Nakayama Family Trust established August 18, 1992, jointly and severally

Trustee: First American Title Insurance Company

Beneficiary: George T. Aratani and Sakaye I. Aratani Revocable Living Trust dated October 15, 1975, c/o Sakaye Aratani, Trustee and/or Successor Trustee

Affects: Parcel 1

Notes:

a. If this deed of trust is to be eliminated in the policy or policies contemplated by this report/commitment, we will require all of the following prior to the recordation of any documents or the issuance of any policy of title insurance:

i. Original note and deed of trust.

ii. Payoff demand statement signed by all present beneficiaries.

iii. Request for reconveyance signed by all present beneficiaries.

b. If the payoff demand statement or the request for reconveyance is to be signed by a servicer, we will also require a full copy of the loan servicing agreement executed by all present beneficiaries.

c. If any of the beneficial interest is presently held by trustees under a trust agreement, we will require a certification pursuant to Section 18100.5 of the California Probate Code in a form satisfactory to the Company

**Prior to the issuance of any policy of title insurance, the Company will require:**

4. Statements of information from all parties to the transaction.
5. With respect to the trust referred to in the vesting:
- a. A certification pursuant to Section 18100.5 of the California Probate Code in a form satisfactory to the Company.
- b. Copies of those excerpts from the original trust documents and amendments thereto which designate the trustee and confer upon the trustee the power to act in the pending transaction.
- c. Other requirements which the Company may impose following its review of the material required herein and other information which the Company may require.

**INFORMATIONAL NOTES**

Note: The policy to be issued may contain an arbitration clause. When the Amount of Insurance is less than the certain dollar amount set forth in any applicable arbitration clause, all arbitrable matters shall be arbitrated at the option of either the Company or the Insured as the exclusive remedy of the parties. If you desire to review the terms of the policy, including any arbitration clause that may be included, contact the office that issued this Commitment or Report to obtain a sample of the policy jacket for the policy that is to be issued in connection with your transaction.

1. Taxes for proration purposes only for the fiscal year 2018-2019.
  - First Installment: \$6,629.2, PAID
  - Second Installment: \$6,628.81, PAID
  - Tax Rate Area: 00576
  - APN: 6115-013-007 and 6115-013-008 and 6115-013-009 and 6115-013-010 and 6115-013-011

The map attached, if any, may or may not be a survey of the land depicted hereon. First American expressly disclaims any liability for loss or damage which may result from reliance on this map except to the extent coverage for such loss or damage is expressly provided by the terms and provisions of the title insurance policy, if any, to which this map is attached.

**LEGAL DESCRIPTION**

Real property in the City of Gardena, County of Los Angeles, State of California, described as follows:

PARCEL 1: (APN NO. 6115-013-007 and 6115-013-008 and 6115-013-009)

LOTS 8, 9 AND 10 OF CHRISMAN TRACT, IN THE CITY OF GARDENA, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS PER MAP RECORDED IN BOOK 10, PAGE 66 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT THE WEST 40 FEET OF SAID LOT 8.

ALSO EXCEPT THEREFROM AN UNDIVIDED ONE HALF INTEREST IN AND TO ALL OIL, GAS, MINERALS AND OTHER HYDROCARBON SUBSTANCES, AS RESERVED BY FRANK A. COOPER AND GLADYS L. COOPER, HIS WIFE, IN DEED RECORDED IN BOOK 18237, PAGE 304, OFFICIAL RECORDS.

PARCEL 2: (APN NO. 6115-013-011 and 6115-013-010)

LOTS 11 AND 12 AND THE WEST 14.69 FEET, OF LOT 13 OF CHRISMAN TRACT, AS PER MAP RECORDED IN BOOK 10 PAGE 66 OF MAPS, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

EXCEPT AN UNDIVIDED ONE-HALF INTEREST IN AND TO ALL OIL, GAS, MINERALS AND OTHER HYDROCARBON SUBSTANCES, AS RESERVED BY FRANK A. COOPER AND GLADYS L. COOPER, HUSBAND AND WIFE, RECORDED IN BOOK 18237 PAGE 304, OFFICIAL RECORDS.

OFFICE OF THE ASSESSOR  
 COUNTY OF LOS ANGELES  
 COPYRIGHT © 2002

SEARCH NO

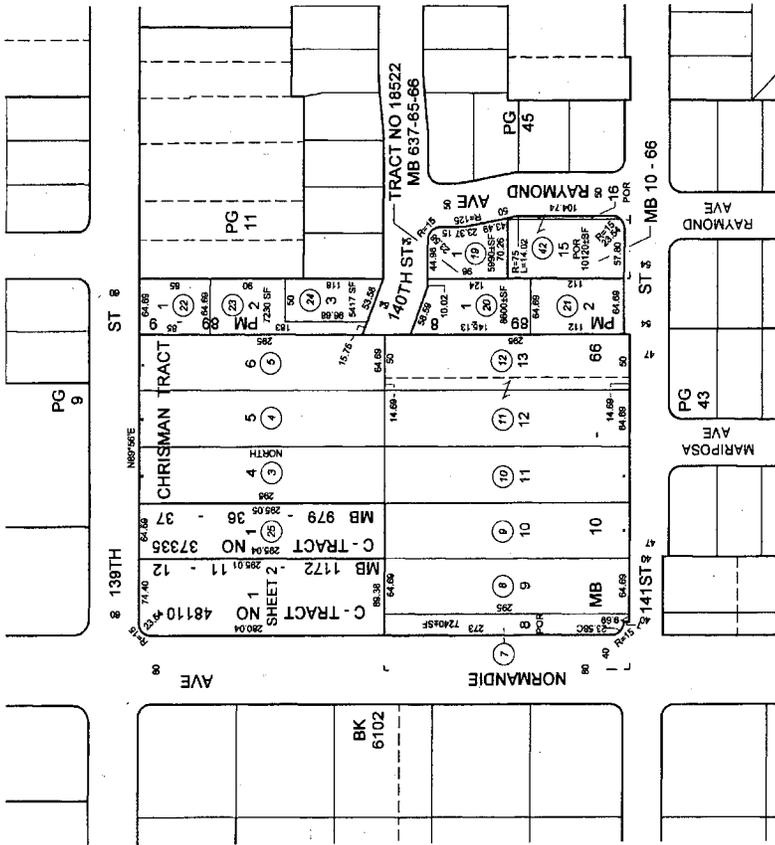
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Description: Los Angeles, CA Assessor Map - Book Page 6115.13 Page: 1 of 2  
 Order: da Comment:

***NOTICE***

Section 12413.1 of the California Insurance Code, effective January 1, 1990, requires that any title insurance company, underwritten title company, or controlled escrow company handling funds in an escrow or sub-escrow capacity, wait a specified number of days after depositing funds, before recording any documents in connection with the transaction or disbursing funds. This statute allows for funds deposited by wire transfer to be disbursed the same day as deposit. In the case of cashier's checks or certified checks, funds may be disbursed the next day after deposit. In order to avoid unnecessary delays of three to seven days, or more, please use wire transfer, cashier's checks, or certified checks whenever possible.

**EXHIBIT A**  
**LIST OF PRINTED EXCEPTIONS AND EXCLUSIONS (BY POLICY TYPE)**

**CLTA STANDARD COVERAGE POLICY – 1990**

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy and the Company will not pay loss or damage, costs, attorneys' fees or expenses which arise by reason of:

1. (a) Any law, ordinance or governmental regulation (including but not limited to building or zoning laws, ordinances, or regulations) restricting, regulating, prohibiting or relating (i) the occupancy, use, or enjoyment of the land; (ii) the character, dimensions or location of any improvement now or hereafter erected on the land; (iii) a separation in ownership or a change in the dimensions or area of the land or any parcel of which the land is or was a part; or (iv) environmental protection, or the effect of any violation of these laws, ordinances or governmental regulations, except to the extent that a notice of the enforcement thereof or a notice of a defect, lien, or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
- (b) Any governmental police power not excluded by (a) above, except to the extent that a notice of the exercise thereof or notice of a defect, lien or encumbrance resulting from a violation or alleged violation affecting the land has been recorded in the public records at Date of Policy.
2. Rights of eminent domain unless notice of the exercise thereof has been recorded in the public records at Date of Policy, but not excluding from coverage any taking which has occurred prior to Date of Policy which would be binding on the rights of a purchaser for value without knowledge.
3. Defects, liens, encumbrances, adverse claims or other matters:
  - (a) whether or not recorded in the public records at Date of Policy, but created, suffered, assumed or agreed to by the insured claimant;
  - (b) not known to the Company, not recorded in the public records at Date of Policy, but known to the insured claimant and not disclosed in writing to the Company by the insured claimant prior to the date the insured claimant became an insured under this policy;
  - (c) resulting in no loss or damage to the insured claimant;
  - (d) attaching or created subsequent to Date of Policy; or
  - (e) resulting in loss or damage which would not have been sustained if the insured claimant had paid value for the insured mortgage or for the estate or interest insured by this policy.
4. Unenforceability of the lien of the insured mortgage because of the inability or failure of the insured at Date of Policy, or the inability or failure of any subsequent owner of the indebtedness, to comply with the applicable doing business laws of the state in which the land is situated.
5. Invalidity or unenforceability of the lien of the insured mortgage, or claim thereof, which arises out of the transaction evidenced by the insured mortgage and is based upon usury or any consumer credit protection or truth in lending law.
6. Any claim, which arises out of the transaction vesting in the insured the estate of interest insured by this policy or the transaction creating the interest of the insured lender, by reason of the operation of federal bankruptcy, state insolvency or similar creditors' rights laws.

EXCEPTIONS FROM COVERAGE - SCHEDULE B, PART I

This policy does not insure against loss or damage (and the Company will not pay costs, attorneys' fees or expenses) which arise by reason of:

1. Taxes or assessments which are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the public records.  
Proceedings by a public agency which may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the public, records.
2. Any facts, rights, interests, or claims which are not shown by the public records but which could be ascertained by an inspection of the land or which may be asserted by persons in possession thereof.
3. Easements, liens or encumbrances, or claims thereof, not shown by the public records.
4. Discrepancies, conflicts in boundary lines, shortage in area, encroachments, or any other facts which a correct survey would disclose, and which are not shown by the public records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b) or (c) are shown by the public records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

**CLTA/ALTA HOMEOWNER'S POLICY OF TITLE INSURANCE (12-02-13)**  
EXCLUSIONS

In addition to the Exceptions in Schedule B, You are not insured against loss, costs, attorneys' fees, and expenses resulting from:

1. Governmental police power, and the existence or violation of those portions of any law or government regulation concerning:
  - a. building;
  - b. zoning;
  - c. land use;
  - d. improvements on the Land;
  - e. land division; and
  - f. environmental protection.

This Exclusion does not limit the coverage described in Covered Risk 8.a., 14, 15, 16, 18, 19, 20, 23 or 27.
2. The failure of Your existing structures, or any part of them, to be constructed in accordance with applicable building codes. This Exclusion does not limit the coverage described in Covered Risk 14 or 15.
3. The right to take the Land by condemning it. This Exclusion does not limit the coverage described in Covered Risk 17.
4. Risks:
  - a. that are created, allowed, or agreed to by You, whether or not they are recorded in the Public Records;
  - b. that are Known to You at the Policy Date, but not to Us, unless they are recorded in the Public Records at the Policy Date;
  - c. that result in no loss to You; or
  - d. that first occur after the Policy Date - this does not limit the coverage described in Covered Risk 7, 8.e., 25, 26, 27 or 28.
5. Failure to pay value for Your Title.
6. Lack of a right:
  - a. to any land outside the area specifically described and referred to in paragraph 3 of Schedule A; and
  - b. in streets, alleys, or waterways that touch the Land.

This Exclusion does not limit the coverage described in Covered Risk 11 or 21.
7. The transfer of the Title to You is invalid as a preferential transfer or as a fraudulent transfer or conveyance under federal bankruptcy, state insolvency, or similar creditors' rights laws.
8. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
9. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.

**LIMITATIONS ON COVERED RISKS**

Your insurance for the following Covered Risks is limited on the Owner's Coverage Statement as follows:

For Covered Risk 16, 18, 19, and 21 Your Deductible Amount and Our Maximum Dollar Limit of Liability shown in Schedule A.

The deductible amounts and maximum dollar limits shown on Schedule A are as follows:

	<u>Your Deductible Amount</u>	<u>Our Maximum Dollar Limit of Liability</u>
Covered Risk 16:	1% of Policy Amount Shown in Schedule A or \$2,500 (whichever is less)	\$10,000
Covered Risk 18:	1% of Policy Amount Shown in Schedule A or \$5,000 (whichever is less)	\$25,000
Covered Risk 19:	1% of Policy Amount Shown in Schedule A or \$5,000 (whichever is less)	\$25,000
Covered Risk 21:	1% of Policy Amount Shown in Schedule A or \$2,500 (whichever is less)	\$5,000

**2006 ALTA LOAN POLICY (06-17-06)**

EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;

- (iii) the subdivision of land; or
- (iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not known to the Company, not recorded in the Public Records at Date of Policy, but known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 13, or 14); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law.
6. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
  - (a) a fraudulent conveyance or fraudulent transfer, or
  - (b) a preferential transfer for any reason not stated in Covered Risk 13(b) of this policy.
7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the Insured Mortgage in the Public Records. This Exclusion does not modify or limit the coverage provided under Covered Risk 11(b).

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

#### EXCEPTIONS FROM COVERAGE

[Except as provided in Schedule B - Part II, [ t[or T]his policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of:

#### **[PART I**

[The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the public records.

#### **PART II**

In addition to the matters set forth in Part I of this Schedule, the Title is subject to the following matters, and the Company insures against loss or damage sustained in the event that they are not subordinate to the lien of the Insured Mortgage:]

### **2006 ALTA OWNER'S POLICY (06-17-06)**

#### EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to

- (i) the occupancy, use, or enjoyment of the Land;
- (ii) the character, dimensions, or location of any improvement erected on the Land;
- (iii) the subdivision of land; or
- (iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 6.

2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
3. Defects, liens, encumbrances, adverse claims, or other matters
  - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
  - (b) not known to the Company, not recorded in the Public Records at Date of Policy, but known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
  - (c) resulting in no loss or damage to the Insured Claimant;
  - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 9 or 10); or
  - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Title.
4. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction vesting the Title as shown in Schedule A, is
  - (a) a fraudulent conveyance or fraudulent transfer, or
  - (b) a preferential transfer for any reason not stated in Covered Risk 9 of this policy.
5. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching between Date of Policy and the date of recording of the deed or other instrument of transfer in the Public Records that vests Title as shown in Schedule A.

The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

#### EXCEPTIONS FROM COVERAGE

This policy does not insure against loss or damage, and the Company will not pay costs, attorneys' fees or expenses, that arise by reason of: [The above policy form may be issued to afford either Standard Coverage or Extended Coverage. In addition to the above Exclusions from Coverage, the Exceptions from Coverage in a Standard Coverage policy will also include the following Exceptions from Coverage:

1. (a) Taxes or assessments that are not shown as existing liens by the records of any taxing authority that levies taxes or assessments on real property or by the Public Records; (b) proceedings by a public agency that may result in taxes or assessments, or notices of such proceedings, whether or not shown by the records of such agency or by the Public Records.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or that may be asserted by persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land and not shown by the Public Records.
5. (a) Unpatented mining claims; (b) reservations or exceptions in patents or in Acts authorizing the issuance thereof; (c) water rights, claims or title to water, whether or not the matters excepted under (a), (b), or (c) are shown by the Public Records.
6. Any lien or right to a lien for services, labor or material not shown by the Public Records.
7. [Variable exceptions such as taxes, easements, CC&R's, etc. shown here.]

### **ALTA EXPANDED COVERAGE RESIDENTIAL LOAN POLICY (07-26-10)**

#### EXCLUSIONS FROM COVERAGE

The following matters are expressly excluded from the coverage of this policy, and the Company will not pay loss or damage, costs, attorneys' fees, or expenses that arise by reason of:

1. (a) Any law, ordinance, permit, or governmental regulation (including those relating to building and zoning) restricting, regulating, prohibiting, or relating to
  - (i) the occupancy, use, or enjoyment of the Land;
  - (ii) the character, dimensions, or location of any improvement erected on the Land;
  - (iii) the subdivision of land; or
  - (iv) environmental protection;

or the effect of any violation of these laws, ordinances, or governmental regulations. This Exclusion 1(a) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d), 14 or 16.

(b) Any governmental police power. This Exclusion 1(b) does not modify or limit the coverage provided under Covered Risk 5, 6, 13(c), 13(d),

- 14 or 16.
2. Rights of eminent domain. This Exclusion does not modify or limit the coverage provided under Covered Risk 7 or 8.
  3. Defects, liens, encumbrances, adverse claims, or other matters
    - (a) created, suffered, assumed, or agreed to by the Insured Claimant;
    - (b) not Known to the Company, not recorded in the Public Records at Date of Policy, but Known to the Insured Claimant and not disclosed in writing to the Company by the Insured Claimant prior to the date the Insured Claimant became an Insured under this policy;
    - (c) resulting in no loss or damage to the Insured Claimant;
    - (d) attaching or created subsequent to Date of Policy (however, this does not modify or limit the coverage provided under Covered Risk 11, 16, 17, 18, 19, 20, 21, 22, 23, 24, 27 or 28); or
    - (e) resulting in loss or damage that would not have been sustained if the Insured Claimant had paid value for the Insured Mortgage.
  4. Unenforceability of the lien of the Insured Mortgage because of the inability or failure of an Insured to comply with applicable doing-business laws of the state where the Land is situated.
  5. Invalidity or unenforceability in whole or in part of the lien of the Insured Mortgage that arises out of the transaction evidenced by the Insured Mortgage and is based upon usury or any consumer credit protection or truth-in-lending law. This Exclusion does not modify or limit the coverage provided in Covered Risk 26.
  6. Any claim of invalidity, unenforceability or lack of priority of the lien of the Insured Mortgage as to Advances or modifications made after the Insured has Knowledge that the vestee shown in Schedule A is no longer the owner of the estate or interest covered by this policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11.
  7. Any lien on the Title for real estate taxes or assessments imposed by governmental authority and created or attaching subsequent to Date of Policy. This Exclusion does not modify or limit the coverage provided in Covered Risk 11(b) or 25.
  8. The failure of the residential structure, or any portion of it, to have been constructed before, on or after Date of Policy in accordance with applicable building codes. This Exclusion does not modify or limit the coverage provided in Covered Risk 5 or 6.
  9. Any claim, by reason of the operation of federal bankruptcy, state insolvency, or similar creditors' rights laws, that the transaction creating the lien of the Insured Mortgage, is
    - (a) a fraudulent conveyance or fraudulent transfer, or
    - (b) a preferential transfer for any reason not stated in Covered Risk 27(b) of this policy.
  10. Contamination, explosion, fire, flooding, vibration, fracturing, earthquake, or subsidence.
  11. Negligence by a person or an Entity exercising a right to extract or develop minerals, water, or any other substances.



**Privacy Information**

**We Are Committed to Safeguarding Customer Information**

In order to better serve your needs now and in the future, we may ask you to provide us with certain information. We understand that you may be concerned about what we will do with such information - particularly any personal or financial information. We agree that you have a right to know how we will utilize the personal information you provide to us. Therefore, together with our subsidiaries we have adopted this Privacy Policy to govern the use and handling of your personal information.

**Applicability**

This Privacy Policy governs our use of the information that you provide to us. It does not govern the manner in which we may use information we have obtained from any other source, such as information obtained from a public record or from another person or entity. First American has also adopted broader guidelines that govern our use of personal information regardless of its source. First American calls these guidelines its Fair Information Values.

**Types of Information**

Depending upon which of our services you are utilizing, the types of nonpublic personal information that we may collect include:

- Information we receive from you on applications, forms and in other communications to us, whether in writing, in person, by telephone or any other means;
- Information about your transactions with us, our affiliated companies, or others; and
- Information we receive from a consumer reporting agency.

**Use of Information**

We request information from you for our own legitimate business purposes and not for the benefit of any nonaffiliated party. Therefore, we will not release your information to nonaffiliated parties except: (1) as necessary for us to provide the product or service you have requested of us; or (2) as permitted by law. We may, however, store such information indefinitely, including the period after which any customer relationship has ceased. Such information may be used for any internal purpose, such as quality control efforts or customer analysis. We may also provide all of the types of nonpublic personal information listed above to one or more of our affiliated companies. Such affiliated companies include financial service providers, such as title insurers, property and casualty insurers, and trust and investment advisory companies, or companies involved in real estate services, such as appraisal companies, home warranty companies and escrow companies. Furthermore, we may also provide all the information we collect, as described above, to companies that perform marketing services on our behalf, on behalf of our affiliated companies or to other financial institutions with whom we or our affiliated companies have joint marketing agreements.

**Former Customers**

Even if you are no longer our customer, our Privacy Policy will continue to apply to you.

**Confidentiality and Security**

We will use our best efforts to ensure that no unauthorized parties have access to any of your information. We restrict access to nonpublic personal information about you to those individuals and entities who need to know that information to provide products or services to you. We will use our best efforts to train and oversee our employees and agents to ensure that your information will be handled responsibly and in accordance with this Privacy Policy and First American's Fair Information Values. We currently maintain physical, electronic, and procedural safeguards that comply with federal regulations to guard your nonpublic personal information.

**Information Obtained Through Our Web Site**

First American Financial Corporation is sensitive to privacy issues on the Internet. We believe it is important you know how we treat the information about you we receive on the Internet. In general, you can visit First American or its affiliates' Web sites on the World Wide Web without telling us who you are or revealing any information about yourself. Our Web servers collect the domain names, not the e-mail addresses, of visitors. This information is aggregated to measure the number of visits, average time spent on the site, pages viewed and similar information. First American uses this information to measure the use of our site and to develop ideas to improve the content of our site. There are times, however, when we may need information from you, such as your name and email address. When information is needed, we will use our best efforts to let you know at the time of collection how we will use the personal information. Usually, the personal information we collect is used only by us to respond to your inquiry, process an order or allow you to access specific account/profile information. If you choose to share any personal information with us, we will only use it in accordance with the policies outlined above.

**Business Relationships**

First American Financial Corporation's site and its affiliates' sites may contain links to other Web sites. While we try to link only to sites that share our high standards and respect for privacy, we are not responsible for the content or the privacy practices employed by other sites.

**Cookies**

Some of First American's Web sites may make use of "cookie" technology to measure site activity and to customize information to your personal tastes. A cookie is an element of data that a Web site can send to your browser, which may then store the cookie on your hard drive. [FirstAm.com](http://FirstAm.com) uses stored cookies. The goal of this technology is to better serve you when visiting our site, save you time when you are here and to provide you with a more meaningful and productive Web site experience.

**Fair Information Values**

**Fairness** We consider consumer expectations about their privacy in all our businesses. We only offer products and services that assure a favorable balance between consumer benefits and consumer privacy.

**Public Record** We believe that an open public record creates significant value for society, enhances consumer choice and creates consumer opportunity. We actively support an open public record and emphasize its importance and contribution to our economy.

**Use** We believe we should behave responsibly when we use information about a consumer in our business. We will obey the laws governing the collection, use and dissemination of data.

**Accuracy** We will take reasonable steps to help assure the accuracy of the data we collect, use and disseminate. Where possible, we will take reasonable steps to correct inaccurate information. When, as with the public record, we cannot correct inaccurate information, we will take all reasonable steps to assist consumers in identifying the source of the erroneous data so that the consumer can secure the required corrections.

**Education** We endeavor to educate the users of our products and services, our employees and others in our industry about the importance of consumer privacy. We will instruct our employees on our fair information values and on the responsible collection and use of data. We will encourage others in our industry to collect and use information in a responsible manner.

**Security** We will maintain appropriate facilities and systems to protect against unauthorized access to and corruption of the data we maintain.

**1335, 1337, 1341, AND 1343 WEST 141ST STREET, GARDENA, CALIFORNIA**

Appendix D Environmental Agency Database Search Report  
May 21, 2019

## **Appendix D ENVIRONMENTAL AGENCY DATABASE SEARCH REPORT**



**1341 W 141st Street**  
1341 W 141st Street  
Gardena, CA 90247

Inquiry Number: 5630209.2s  
April 23, 2019

## The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://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

1341 W 141ST STREET  
GARDENA, CA 90247

#### COORDINATES

Latitude (North): 33.9042300 - 33° 54' 15.22"  
Longitude (West): 118.2998230 - 118° 17' 59.36"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 379823.0  
UTM Y (Meters): 3752103.5  
Elevation: 53 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5640440 INGLEWOOD, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140513  
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:  
1341 W 141ST STREET  
GARDENA, CA 90247

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	LLOYDS NURSERY	1341 W 141ST STREET	CA HIST UST		TP
A2	LLOYDS NURSERY	1341 W 141ST ST	CA SWEEPS UST, CA LOS ANGELES CO. HMS		TP
A3	PEARMAN & SON READY	14100 S. NORMANDIE A	CA ENVIROSTOR	Lower	35, 0.007, SW
A4	VOLT CENTURY GRAPHIC	14011 NORMANDIE AVE	RCRA-SQG, FINDS, ECHO	Higher	53, 0.010, West
5	ARVAN INC	14083 S NORMANDIE	RCRA-SQG, FINDS, ECHO, CA HAZNET	Lower	219, 0.041, West
B6	PEARMAN AND SON INC	14105 S NORMANDIE AV	CA SWEEPS UST, CA HIST UST, CA FID UST	Lower	296, 0.056, SW
B7	PEARMAN & SON, INC.	14105 S NORMANDIE AV	CA HIST UST	Lower	296, 0.056, SW
C8	KOBATA GROWERS INC	1440 W 139TH ST	CA HIST UST	Lower	496, 0.094, NW
B9	14215 S. NORMANDIE A	14215 S. NORMANDIE A	US BROWNFIELDS, FINDS	Lower	512, 0.097, SSW
D10	SAVINGS OIL CO	1401 W ROSECRANS	CA HIST UST	Lower	601, 0.114, SSW
D11	HI TEK LUBE AND TUNE	1401,1403,1405,1415	US BROWNFIELDS, FINDS	Lower	601, 0.114, SSW
D12	SAVINGS TEXACO SERVI	1401-15 W ROSECRANS	EDR Hist Auto	Lower	601, 0.114, SSW
13	CYNTHIA SCOTT	1245 W 140TH ST	RCRA NonGen / NLR	Higher	622, 0.118, ENE
E14	SELECT AUTO BODY	13807 NORMANDIE AVE	CA LUST, CA HIST CORTESE	Higher	627, 0.119, NNW
D15	SAVINGS OIL CO.	1401 ROSECRANS W	CA LUST	Lower	635, 0.120, SSW
E16	SUPERIOR NURSERY CO	1433 W 139TH ST	CA SWEEPS UST, CA LOS ANGELES CO. HMS	Lower	662, 0.125, NNW
E17	SUPERIOR NURSERY	1433 W 139TH ST	CA HIST UST	Lower	662, 0.125, NNW
D18	A PLUS AUTOMOTIVE	1405 W ROSECRANS AVE	RCRA NonGen / NLR	Lower	691, 0.131, SSW
C19	KOBATA GROWERS INC	1463 W 139TH STREET	CA HIST UST, CA LOS ANGELES CO. HMS	Lower	721, 0.137, NW
D20	HENRY OSHIRO	1408 W ROSEERANS	CA HIST UST	Lower	739, 0.140, SSW
F21	SHOP & YARD	14201 HALLDALE AVE S	CA LUST, CA HIST CORTESE	Lower	740, 0.140, WSW
F22	SHOP AND YARD	14201 HALLDALE AVE	CA HIST UST	Lower	740, 0.140, WSW
F23	SY-ART PARKING STRUC	14201 S HALLDALE AV	CA SWEEPS UST, CA HIST UST, CA FID UST, CA EMI	Lower	740, 0.140, WSW
F24	HISHAM'S TOWING	14201 HALLDALE AVE	CA UST	Lower	740, 0.140, WSW
G25		1449 W ROSECRANS AVE	CA AST	Lower	761, 0.144, SW
G26	AMERICAN WASTE SYSTE	1449 W ROSECRANS AVE	CA SWF/LF, CA HAZNET, CA NPDES, CA CIWQS	Lower	761, 0.144, SW
G27	ALDEN EQUIPMENT COMP	1449 WEST ROSECRANS	CA ENVIROSTOR, CA CHMIRS	Lower	761, 0.144, SW
G28	AMERICAN WASTE SYSTE	1449 W ROSECRANS AVE	CA UST, CA LOS ANGELES CO. HMS	Lower	761, 0.144, SW
G29	REPUBLIC SERVICES OF	1449 W ROSECRANS AVE	CA LUST, CA HIST CORTESE, CA LOS ANGELES CO. HMS,...	Lower	761, 0.144, SW
H30	CITY OF GARDENA - AL	1306 ROSECRANS	CA CPS-SLIC	Lower	762, 0.144, SSE
F31	SMARDAN SUPPLY	14009 HALLDALE AVE	CA SWEEPS UST	Lower	765, 0.145, West
F32	SMARDAN SUPPLY	262 W ALAMEDA AVE	CA WIP	Lower	765, 0.145, West
H33	ABANDONED ALPHA BETA	1310 W. ROSECRANS AV	US BROWNFIELDS, FINDS	Lower	768, 0.145, SSE
H34	CITY OF GARDENA - RO	1300 ROSECRANS AVENU	CA CPS-SLIC	Lower	777, 0.147, SSE
H35	CITY OF GARDENA - RO	1300 ROSECRANS	CA CPS-SLIC	Lower	777, 0.147, SSE
D36	SHELL #204-2928-0504	1408 ROSECRANS AVE W	CA LUST, CA HIST CORTESE	Lower	784, 0.148, SSW
D37	SHELL STATION	1408 W ROSECRANS AVE	CA SWEEPS UST, CA FID UST, CA LOS ANGELES CO. HMS	Lower	784, 0.148, SSW
D38	PAM'S SHELL	1408 W ROSECRANS AVE	CA UST, CA LOS ANGELES CO. HMS	Lower	784, 0.148, SSW
D39	SHELL SERVICE STATIO	1408 W ROSECRANS	RCRA-CESQG, FINDS, ECHO, CA HAZNET	Lower	784, 0.148, SSW

MAPPED SITES SUMMARY

Target Property Address:  
1341 W 141ST STREET  
GARDENA, CA 90247

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">E40</a>	PIONEER CHEMICAL COM	13717 NORMANDIE AVE	RCRA NonGen / NLR, ICIS, FINDS, ECHO, CA HAZNET	Higher	803, 0.152, NNW
<a href="#">E41</a>	LONG-LOK FASTENERS C	13709 S NORMANDIE AV	RCRA-SQG, FINDS, ECHO	Higher	818, 0.155, North
<a href="#">I42</a>	JOMAR INDUSTRIES INC	1500 W 139TH ST	RCRA NonGen / NLR, FINDS, ECHO, CA LOS ANGELES CO...	Lower	821, 0.155, WNW
<a href="#">E43</a>	CALIFORNIA SWITCH &	13717 S NORMANDIE AV	CA HIST UST	Higher	834, 0.158, NNW
<a href="#">E44</a>	CAL SWITCH	13717 S NORMANDIE	CA SWEEPS UST, CA HIST UST, CA FID UST, CA LOS...	Higher	834, 0.158, NNW
<a href="#">I45</a>	HI-TEMP FORMING CO	1505 139TH ST W	CA LUST, CA HIST CORTESE	Lower	844, 0.160, WNW
<a href="#">46</a>	MAJOR FULFILLMENT	1455 139TH ST	RCRA-SQG, FINDS, ECHO, CA HAZNET	Lower	873, 0.165, NW
<a href="#">F47</a>	WILPAC PLUMBING, INC	14225 HALLDALE AVE	CA HIST UST	Lower	899, 0.170, WSW
<a href="#">F48</a>	WILPAC PLUMBING INC	14225 S HALLDALE AVE	CA HIST UST	Lower	899, 0.170, WSW
<a href="#">J49</a>	CITY OF GARDENA - RO	1312-1346 ROSECRANS	CA CPS-SLIC	Lower	901, 0.171, South
<a href="#">J50</a>	CITY OF GARDENA - RO	1312 ROSECRANS	CA CPS-SLIC	Lower	901, 0.171, South
<a href="#">J51</a>	ROSECRANS NORMANDIE	1312-1346 W. ROSECRA	US BROWNFIELDS, FINDS	Lower	901, 0.171, South
<a href="#">K52</a>	DAVID ROSE	13706 S NORMANDIE AV	CA SWEEPS UST, CA LOS ANGELES CO. HMS	Higher	910, 0.172, North
<a href="#">K53</a>	CITY EDITIONS LLC	13619 S NORMANDIE	RCRA-SQG, FINDS, ECHO, CA HAZNET	Higher	1081, 0.205, North
<a href="#">L54</a>	NEWFIELD	14504 SOUTH NORMANDI	CA SWEEPS UST, CA HIST UST, CA LOS ANGELES CO...	Lower	1191, 0.226, South
<a href="#">L55</a>	NURSERY PROPERTY	14504 S. NORMANDIE A	US BROWNFIELDS, FINDS	Lower	1191, 0.226, South
<a href="#">56</a>	1-DAY PAINT & BODY C	1522 W ROSECRANS AVE	RCRA-SQG, FINDS, ECHO, CA EMI, CA LOS ANGELES CO...	Lower	1267, 0.240, SW
<a href="#">M57</a>	CHARLES E THOMAS CO	13701 S ALMA AVE	RCRA-SQG, CA SWEEPS UST, CA HIST UST, CA FID UST,...	Lower	1288, 0.244, NW
<a href="#">M58</a>	CHARLES THOMAS CO.	13701 ALMA AVE. S.	CA LUST	Lower	1288, 0.244, NW
<a href="#">N59</a>	PEABOY ENGINEERING &	13618 ALMA AVE	CA LUST, CA LOS ANGELES CO. HMS	Higher	1399, 0.265, NW
<a href="#">N60</a>	PEABODY ENGINEERING	13618 ALMA	CA HIST UST, CA HIST CORTESE	Higher	1399, 0.265, NW
<a href="#">61</a>	ESTATE OF BERTRUM CE	13438 HALLDALE AVENU	CA LUST, CA CPS-SLIC	Higher	1890, 0.358, NNW
<a href="#">O62</a>	TAMCO ENTERPRISES	1531 W 135TH ST	CA LUST, CA HIST UST	Higher	1987, 0.376, NNW
<a href="#">63</a>	E. S. SCHULTZ	13801 SOUTH VERMONT	CA SWF/LF	Higher	2004, 0.380, ENE
<a href="#">O64</a>	HITCO CARBON COMPOSI	1600 WEST 135TH STRE	CA CPS-SLIC, CA HIST UST, CA ENF, CA WDR, CA CIWQS	Lower	2010, 0.381, NW
<a href="#">O65</a>	HITCO CARBON COMPOSI	1600 W. 135TH ST.	RCRA-LQG, CA LUST, CA SWEEPS UST, CA HIST UST, CA...	Lower	2010, 0.381, NW
<a href="#">O66</a>	BP CHEMICAL	1600 135TH	CA CPS-SLIC	Lower	2010, 0.381, NW
<a href="#">O67</a>	HITCO PROPERTY	1600 W. 135TH STREET	US BROWNFIELDS, FINDS	Lower	2010, 0.381, NW
<a href="#">68</a>	MOBIL #18-D3X (FORME	14225 VERMONT AVE S	CA LUST, CA HIST CORTESE	Higher	2258, 0.428, ESE
<a href="#">P69</a>	GARDENA RECYCLING CE	1538 W 134TH ST	CA SWRCY, CA LOS ANGELES CO. HMS, CA WDS	Higher	2409, 0.456, NNW
<a href="#">Q70</a>	SKYPARK AIRPORT PROP	1636 135TH	CA HIST CORTESE	Lower	2429, 0.460, NW
<a href="#">P71</a>	SAMSON CHEMICAL (FOR	1519-1531 134TH ST	CA CPS-SLIC	Higher	2432, 0.461, NNW
<a href="#">P72</a>	SAMSON CHEMICAL CO (	1521 134TH ST W	CA LUST, CA CPS-SLIC	Higher	2436, 0.461, NNW
<a href="#">P73</a>	SAMSON CHEMICAL CO	1521 W 134TH ST	CA HIST UST, CA HIST CORTESE, CA LOS ANGELES CO...	Higher	2436, 0.461, NNW
<a href="#">Q74</a>	COLEMAN	1640 W 135TH STREET	CA WMUDS/SWAT	Lower	2451, 0.464, NW
<a href="#">Q75</a>	COLEMAN DUMP	1640 WEST 135TH STRE	CA SWF/LF	Lower	2451, 0.464, NW
<a href="#">76</a>	BILLS SERV STAT MAIN	1730 W 139TH ST	RCRA-SQG, CA LUST, CA HIST UST, FINDS, ECHO, CA...	Lower	2460, 0.466, West
<a href="#">P77</a>	1545 WEST 134TH STRE	1545 WEST 134TH STRE	US BROWNFIELDS, FINDS	Higher	2570, 0.487, NNW
<a href="#">78</a>	UNITED OIL #02	1744 ROSECRANS AVE W	CA LUST, CA HIST CORTESE	Lower	2591, 0.491, WSW

MAPPED SITES SUMMARY

Target Property Address:  
 1341 W 141ST STREET  
 GARDENA, CA 90247

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">R79</a>	TOBIA DUMP #2	14108 S. WESTERN AVE	CA SWF/LF	Lower	2630, 0.498, West
<a href="#">R80</a>	STABOND CORPORATION	14010 WESTERN AVENUE	CA CPS-SLIC	Lower	2638, 0.500, West
<a href="#">R81</a>	STABOND CORPORATION	14010 S. WESTERN AVE	US BROWNFIELDS, ICIS, FINDS, ECHO	Lower	2638, 0.500, West
<a href="#">R82</a>	STABOND CORPORATION	14010 WESTERN AVE S	CA LUST, CA HIST CORTESE	Lower	2638, 0.500, West
<a href="#">83</a>	KB GARDENA BUILDING	13720 SOUTH WESTERN	CA ENVIROSTOR, CA VCP, CA DEED	Lower	2715, 0.514, WNW
<a href="#">84</a>	ELECTRO BLEACH PRODU	1628 WEST 134TH STRE	CA ENVIROSTOR, CA LOS ANGELES CO. HMS	Higher	2732, 0.517, NW
<a href="#">85</a>	GOLDEN STATE RUBBER	1538 WEST 132ND STRE	CA ENVIROSTOR	Higher	3027, 0.573, NNNW
<a href="#">86</a>	ANGELUS PLATING WORK	1713 W 134 ST	SEMS-ARCHIVE, RCRA-SQG, CA ENVIROSTOR, CA SWEEPS	Higher	3132, 0.593, NW
<a href="#">87</a>	MAYAN PATEL (CONNECT	13021 BUDLONG AVENUE	CA ENVIROSTOR	Higher	3492, 0.661, NNE
<a href="#">88</a>	PB FASTENERS, DIVISI	1700 W. 132ND STREET	CA ENVIROSTOR	Higher	3574, 0.677, NW
<a href="#">S89</a>	AERODYNAMIC PLATING	13620 SOUTH SAINT AN	CA ENVIROSTOR	Lower	3663, 0.694, WNW
<a href="#">S90</a>	AERODYNAMIC PLATING	13620 SAINT ANDREWS	CA ENVIROSTOR, CA HAZNET	Lower	3663, 0.694, WNW
<a href="#">T91</a>	SONIC INDUSTRIES(FOR	13200 S.WESTERN AVE.	CA ENVIROSTOR	Higher	3763, 0.713, NW
<a href="#">S92</a>	AERODYNAMIC PLATING	13629 SAINT ANDREWS	CA ENVIROSTOR	Lower	3768, 0.714, WNW
<a href="#">93</a>	SONIC PLATING CO	1930 W ROSECRANS AVE	CA RESPONSE, CA ENVIROSTOR, CA UST, CA HIST UST,...	Lower	3822, 0.724, WSW
<a href="#">T94</a>	NORTHROP CORPORATION	13215 S WESTERN AVEN	CA ENVIROSTOR, CA EMI, CA HWP	Higher	4010, 0.759, NW
<a href="#">95</a>	AZON CORP.	13771 S. GRAMCERY PL	CA ENVIROSTOR	Lower	4139, 0.784, West
<a href="#">96</a>		130TH ST & VERMONT	CA Notify 65	Higher	4184, 0.792, NNE
<a href="#">97</a>	DIE CAST PRODUCTS, I	621 W. ROSECRANS AVE	CA ENVIROSTOR	Higher	4200, 0.795, East
<a href="#">98</a>	VIRCO PROPERTY	15134 SOUTH VERMONT	CA ENVIROSTOR, CA CPS-SLIC	Lower	4420, 0.837, SSE
<a href="#">99</a>	CHROMALLOY LOS ANGEL	2100 W 139TH ST	RCRA-SQG, CA ENVIROSTOR, CA CPS-SLIC, CA HIST UST,...	Lower	4508, 0.854, West
<a href="#">100</a>	12901 S WESTERN AVEN	12901 S. WESTERN AVE	CA ENVIROSTOR, CA HIST UST, RCRA NonGen / NLR, CA...	Higher	4659, 0.882, NW
<a href="#">101</a>	NASCO AIRCRAFT BRAKE	13300 ESTRELLA AVE	CA ENVIROSTOR, CA CPS-SLIC, CA BROWNFIELDS, ICIS,...	Higher	4707, 0.891, ENE
<a href="#">102</a>	PACIFIC ELECTRICORD	747 W REDONDO BEACH	RCRA-SQG, CA ENVIROSTOR, CA EMI, CA WDS, CA CIWQS	Lower	5066, 0.959, 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:

<u>Site</u>	<u>Database(s)</u>	<u>EPA ID</u>
LLOYDS NURSERY 1341 W 141ST STREET GARDENA, CA 90247	CA HIST UST Facility Id: 00000003159	N/A
LLOYDS NURSERY 1341 W 141ST ST GARDENA, CA 90247	CA SWEEPS UST Status: A Comp Number: 11182  CA LOS ANGELES CO. HMS Facility ID: 011173-011182	N/A

## DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

### ***Federal RCRA non-CORRACTS TSD facilities list***

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

### ***Federal institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System

## EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROL..... Sites with Institutional Controls

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State and tribal leaking storage tank lists***

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

### ***State and tribal registered storage tank lists***

FEMA UST..... Underground Storage Tank Listing  
INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing

### **ADDITIONAL ENVIRONMENTAL RECORDS**

#### ***Local Lists of Landfill / Solid Waste Disposal Sites***

CA HAULERS..... Registered Waste Tire Haulers Listing  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
ODI..... Open Dump Inventory  
IHS OPEN DUMPS..... Open Dumps on Indian Land

#### ***Local Lists of Hazardous waste / Contaminated Sites***

CA AOCONCERN..... Key Areas of Concerns in Los Angeles County  
US HIST CDL..... Delisted National Clandestine Laboratory Register  
CA HIST Cal-Sites..... Historical Calsites Database  
CA SCH..... School Property Evaluation Program  
CA CDL..... Clandestine Drug Labs  
CA Toxic Pits..... Toxic Pits Cleanup Act Sites  
CA CERS HAZ WASTE..... CERS HAZ WASTE  
US CDL..... National Clandestine Laboratory Register  
CA PFAS..... PFAS Contamination Site Location Listing

#### ***Local Lists of Registered Storage Tanks***

CA CERS TANKS..... California Environmental Reporting System (CERS) Tanks

#### ***Local Land Records***

CA LIENS..... Environmental Liens Listing  
LIENS 2..... CERCLA Lien Information

#### ***Records of Emergency Release Reports***

HMIRS..... Hazardous Materials Information Reporting System

## EXECUTIVE SUMMARY

CA LDS..... Land Disposal Sites Listing  
CA MCS..... Military Cleanup Sites Listing  
CA SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
UXO..... Unexploded Ordnance Sites  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
CA BOND EXP. PLAN..... Bond Expenditure Plan  
CA Cortese..... "Cortese" Hazardous Waste & Substances Sites List  
CA CUPA Listings..... CUPA Resources List  
CA Financial Assurance..... Financial Assurance Information Listing  
CA ICE..... ICE  
CA HWT..... Registered Hazardous Waste Transporter Database  
CA MINES..... Mines Site Location Listing  
CA MWMP..... Medical Waste Management Program Listing  
CA PEST LIC..... Pesticide Regulation Licenses Listing  
CA PROC..... Certified Processors Database  
CA UIC..... UIC Listing  
CA UIC GEO..... UIC GEO (GEOTRACKER)  
CA WASTEWATER PITS..... Oil Wastewater Pits Listing  
CA MILITARY PRIV SITES... MILITARY PRIV SITES (GEOTRACKER)  
CA PROJECT..... PROJECT (GEOTRACKER)  
CA CERS..... CERS

## EXECUTIVE SUMMARY

CA NON-CASE INFO..... NON-CASE INFO (GEOTRACKER)  
CA OTHER OIL GAS..... OTHER OIL & GAS (GEOTRACKER)  
CA PROD WATER PONDS... PROD WATER PONDS (GEOTRACKER)  
CA SAMPLING POINT..... SAMPLING POINT (GEOTRACKER)  
CA WELL STIM PROJ..... Well Stimulation Project (GEOTRACKER)

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

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

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

CA RGA LF..... Recovered Government Archive Solid Waste Facilities List  
CA RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

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

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal RCRA generators list***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 7 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>VOLT CENTURY GRAPHIC</i></b> EPA ID:: CAD982464489	<b><i>14011 NORMANDIE AVE</i></b>	<b><i>W 0 - 1/8 (0.010 mi.)</i></b>	<b><i>A4</i></b>	<b><i>11</i></b>
<b><i>LONG-LOK FASTENERS C</i></b>	<b><i>13709 S NORMANDIE AV</i></b>	<b><i>N 1/8 - 1/4 (0.155 mi.)</i></b>	<b><i>E41</i></b>	<b><i>87</i></b>

## EXECUTIVE SUMMARY

EPA ID:: CAD982368706				
<b>CITY EDITIONS LLC</b>	<b>13619 S NORMANDIE</b>	<b>N 1/8 - 1/4 (0.205 mi.)</b>	<b>K53</b>	<b>104</b>
EPA ID:: CAR000033332				
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>ARVAN INC</b>	<b>14083 S NORMANDIE</b>	<b>W 0 - 1/8 (0.041 mi.)</b>	<b>5</b>	<b>12</b>
EPA ID:: CAR000082453				
<b>MAJOR FULFILLMENT</b>	<b>1455 139TH ST</b>	<b>NW 1/8 - 1/4 (0.165 mi.)</b>	<b>46</b>	<b>95</b>
EPA ID:: CAR000115451				
<b>1-DAY PAINT &amp; BODY C</b>	<b>1522 W ROSECRANS AVE</b>	<b>SW 1/8 - 1/4 (0.240 mi.)</b>	<b>56</b>	<b>117</b>
EPA ID:: CAD981400229				
<b>CHARLES E THOMAS CO</b>	<b>13701 S ALMA AVE</b>	<b>NW 1/8 - 1/4 (0.244 mi.)</b>	<b>M57</b>	<b>121</b>
EPA ID:: CAD047417894				

RCRA-CESQG: 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.

A review of the RCRA-CESQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-CESQG site within approximately 0.25 miles of the target property.

<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>SHELL SERVICE STATIO</b>	<b>1408 W ROSECRANS</b>	<b>SSW 1/8 - 1/4 (0.148 mi.)</b>	<b>D39</b>	<b>80</b>
EPA ID:: CAR000124560				

### **State- and tribal - equivalent NPL**

CA RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the CA RESPONSE list, as provided by EDR, has revealed that there is 1 CA RESPONSE site within approximately 1 mile of the target property.

<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>SONIC PLATING CO</b>	<b>1930 W ROSECRANS AVE</b>	<b>WSW 1/2 - 1 (0.724 mi.)</b>	<b>93</b>	<b>292</b>
Database: RESPONSE, Date of Government Version: 01/28/2019				
Status: Refer: Local Agency				
Facility Id: 71003449				

## EXECUTIVE SUMMARY

### **State- and tribal - equivalent CERCLIS**

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

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 01/28/2019 has revealed that there are 21 CA ENVIROSTOR sites within approximately 1 mile of the target property.

<b>Equal/Higher Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>ELECTRO BLEACH PRODU</b> Facility Id: 19280149 Status: No Further Action	<b>1628 WEST 134TH STRE</b>	<b>NW 1/2 - 1 (0.517 mi.)</b>	<b>84</b>	<b>256</b>
GOLDEN STATE RUBBER Facility Id: 19300004 Status: Refer: Other Agency	1538 WEST 132ND STRE	NNW 1/2 - 1 (0.573 mi.)	85	258
<b>ANGELUS PLATING WORK</b> Facility Id: 71002300 Facility Id: 19340654 Status: Refer: Other Agency Status: No Further Action	<b>1713 W 134 ST</b>	<b>NW 1/2 - 1 (0.593 mi.)</b>	<b>86</b>	<b>259</b>
MAYAN PATEL (CONNECT Facility Id: 19340658 Facility Id: 71002445 Status: Refer: Other Agency Status: Inactive - Action Required	13021 BUDLONG AVENUE	NNE 1/2 - 1 (0.661 mi.)	87	278
PB FASTENERS, DIVISI Facility Id: 71002370 Status: No Action Required	1700 W. 132ND STREET	NW 1/2 - 1 (0.677 mi.)	88	282
SONIC INDUSTRIES(FOR Facility Id: 19730197 Status: Refer: 1248 Local Agency	13200 S.WESTERN AVE.	NW 1/2 - 1 (0.713 mi.)	T91	287
<b>NORTHROP CORPORATION</b> Facility Id: 80001313 Status: Inactive - Needs Evaluation	<b>13215 S WESTERN AVEN</b>	<b>NW 1/2 - 1 (0.759 mi.)</b>	<b>T94</b>	<b>305</b>
DIE CAST PRODUCTS, I Facility Id: 71002293 Facility Id: 19320199 Status: Refer: Other Agency Status: Refer: 1248 Local Agency	621 W. ROSECRANS AVE	E 1/2 - 1 (0.795 mi.)	97	308
<b>12901 S WESTERN AVEN</b> Facility Id: 71002408 Status: Refer: Other Agency	<b>12901 S. WESTERN AVE</b>	<b>NW 1/2 - 1 (0.882 mi.)</b>	<b>100</b>	<b>335</b>
<b>NASCO AIRCRAFT BRAKE</b>	<b>13300 ESTRELLA AVE</b>	<b>ENE 1/2 - 1 (0.891 mi.)</b>	<b>101</b>	<b>353</b>

## EXECUTIVE SUMMARY

Facility Id: 70000121  
 Status: Refer: 1248 Local Agency

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PEARMAN & SON READY Facility Id: 19170002 Status: Refer: 1248 Local Agency	14100 S. NORMANDIE A	SW 0 - 1/8 (0.007 mi.)	A3	10
<b>ALDEN EQUIPMENT COMP</b> Facility Id: 19350015 Status: Refer: Other Agency	<b>1449 WEST ROSECRANS</b>	<b>SW 1/8 - 1/4 (0.144 mi.)</b>	<b>G27</b>	<b>54</b>
<b>KB GARDENA BUILDING</b> Facility Id: 60000955 Status: Active	<b>13720 SOUTH WESTERN</b>	<b>WNW 1/2 - 1 (0.514 mi.)</b>	<b>83</b>	<b>238</b>
AERODYNAMIC PLATING Facility Id: 19370158 Status: No Further Action	13620 SOUTH SAINT AN	WNW 1/2 - 1 (0.694 mi.)	S89	283
<b>AERODYNAMIC PLATING</b> Facility Id: 71002382 Status: No Action Required	<b>13620 SAINT ANDREWS</b>	<b>WNW 1/2 - 1 (0.694 mi.)</b>	<b>S90</b>	<b>284</b>
AERODYNAMIC PLATING Facility Id: 71003572 Status: Active	13629 SAINT ANDREWS	WNW 1/2 - 1 (0.714 mi.)	S92	288
<b>SONIC PLATING CO</b> Facility Id: 71003449 Facility Id: 19340470 Status: Refer: Local Agency Status: Refer: Other Agency	<b>1930 W ROSECRANS AVE</b>	<b>WSW 1/2 - 1 (0.724 mi.)</b>	<b>93</b>	<b>292</b>
AZON CORP. Facility Id: 71002855 Status: Refer: Other Agency	13771 S. GRAMCERY PL	W 1/2 - 1 (0.784 mi.)	95	306
<b>VIRCO PROPERTY</b> Facility Id: 19340016 Status: No Further Action	<b>15134 SOUTH VERMONT</b>	<b>SSE 1/2 - 1 (0.837 mi.)</b>	<b>98</b>	<b>309</b>
<b>CHROMALLOY LOS ANGEL</b> Facility Id: 71002140 Status: Refer: Other Agency	<b>2100 W 139TH ST</b>	<b>W 1/2 - 1 (0.854 mi.)</b>	<b>99</b>	<b>311</b>
<b>PACIFIC ELECTRICORD</b> Facility Id: 71003785 Status: Refer: RWQCB	<b>747 W REDONDO BEACH</b>	<b>SE 1/2 - 1 (0.959 mi.)</b>	<b>102</b>	<b>363</b>

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

CA SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the Integrated Waste Management Board's Solid Waste Information System (SWIS) database.

A review of the CA SWF/LF list, as provided by EDR, has revealed that there are 4 CA SWF/LF sites

## EXECUTIVE SUMMARY

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>
E. S. SCHULTZ Database: LOS ANGELES CO. LF, Date of Government Version: 01/14/2019 Site ID: 1932 Status: Closed	13801 SOUTH VERMONT	ENE 1/4 - 1/2 (0.380 mi.)	63	138

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>AMERICAN WASTE SYSTE</b> Database: LOS ANGELES CO. LF, Date of Government Version: 01/14/2019 Database: SWF/LF (SWIS), Date of Government Version: 02/11/2019 Facility ID: 19-AA-0001 Site ID: 144 Status: Active Operational Status: Active Regulation Status: Permitted	<b>1449 W ROSECRANS AVE</b>	<b>SW 1/8 - 1/4 (0.144 mi.)</b>	<b>G26</b>	<b>45</b>
COLEMAN DUMP Database: LOS ANGELES CO. LF, Date of Government Version: 01/14/2019 Site ID: 1906 Status: Closed	1640 WEST 135TH STRE	NW 1/4 - 1/2 (0.464 mi.)	Q75	208
TOBIA DUMP #2 Database: SWF/LF (SWIS), Date of Government Version: 02/11/2019 Facility ID: 19-AA-5230 Operational Status: Closed Regulation Status: Unpermitted	14108 S. WESTERN AVE	W 1/4 - 1/2 (0.498 mi.)	R79	230

### **State and tribal leaking storage tank lists**

CA LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA LUST list, as provided by EDR, has revealed that there are 16 CA 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>
<b>SELECT AUTO BODY</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Facility Id: R-21683 Status: Case Closed Global Id: T0603705339 Global ID: T0603705339	<b>13807 NORMANDIE AVE</b>	<b>NNW 0 - 1/8 (0.119 mi.)</b>	<b>E14</b>	<b>28</b>
<b>PEABOY ENGINEERING &amp;</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Facility Id: I-13514	<b>13618 ALMA AVE</b>	<b>NW 1/4 - 1/2 (0.265 mi.)</b>	<b>N59</b>	<b>130</b>



## EXECUTIVE SUMMARY

Status: Pollution Characterization  
 Global Id: T0603703633  
 Global ID: T0603703633

<b>HI-TEMP FORMING CO</b>	<b>1505 139TH ST W</b>	<b>WNW 1/8 - 1/4 (0.160 mi.)</b>	<b>I45</b>	<b>93</b>
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Facility Id: R-06100				
Status: Case Closed				
Global Id: T0603704719				
Global ID: T0603704719				
<b>CHARLES THOMAS CO.</b>	<b>13701 ALMA AVE. S.</b>	<b>NW 1/8 - 1/4 (0.244 mi.)</b>	<b>M58</b>	<b>125</b>
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Global Id: T0603780503				
<b>HITCO CARBON COMPOSI</b>	<b>1600 W. 135TH ST.</b>	<b>NW 1/4 - 1/2 (0.381 mi.)</b>	<b>O65</b>	<b>144</b>
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Facility Id: I-02510				
Status: Case Closed				
Global Id: T0603702854				
Global ID: T0603702854				
<b>BILLS SERV STAT MAIN</b>	<b>1730 W 139TH ST</b>	<b>W 1/4 - 1/2 (0.466 mi.)</b>	<b>76</b>	<b>209</b>
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Facility Id: R-13204				
Status: Case Closed				
Global Id: T0603705182				
Global ID: T0603705182				
<b>UNITED OIL #02</b>	<b>1744 ROSECRANS AVE W</b>	<b>WSW 1/4 - 1/2 (0.491 mi.)</b>	<b>78</b>	<b>217</b>
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Facility Id: I-12104				
Status: Remedial action (cleanup) Underway				
Global Id: T0603703926				
Global ID: T0603703926				
<b>STABOND CORPORATION</b>	<b>14010 WESTERN AVE S</b>	<b>W 1/4 - 1/2 (0.500 mi.)</b>	<b>R82</b>	<b>235</b>
Database: LUST REG 4, Date of Government Version: 09/07/2004				
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Facility Id: 902490152				
Status: Pollution Characterization				
Global Id: T0603701290				
Global ID: T0603701290				

## EXECUTIVE SUMMARY

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

A review of the CA CPS-SLIC list, as provided by EDR, has revealed that there are 11 CA CPS-SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>ESTATE OF BERTRUM CE</b> Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Inactive Global Id: T1000006524	<b>13438 HALLDALE AVENU</b>	<b>NNW 1/4 - 1/2 (0.358 mi.)</b>	<b>61</b>	<b>133</b>
SAMSON CHEMICAL (FOR Database: SLIC REG 4, Date of Government Version: 11/17/2004 Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Facility Status: No further action required Global Id: SLT43596594	1519-1531 134TH ST	NNW 1/4 - 1/2 (0.461 mi.)	P71	202
<b>SAMSON CHEMICAL CO (</b> Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Global Id: T0603703779	<b>1521 134TH ST W</b>	<b>NNW 1/4 - 1/2 (0.461 mi.)</b>	<b>P72</b>	<b>203</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CITY OF GARDENA - AL Database: SLIC REG 4, Date of Government Version: 11/17/2004 Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Facility Status: Site Assessment Global Id: SL0603702213	1306 ROSECRANS	SSE 1/8 - 1/4 (0.144 mi.)	H30	62
CITY OF GARDENA - RO Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Global Id: SLT43721719	1300 ROSECRANS AVENU	SSE 1/8 - 1/4 (0.147 mi.)	H34	66
CITY OF GARDENA - RO Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: Site Assessment	1300 ROSECRANS	SSE 1/8 - 1/4 (0.147 mi.)	H35	67
CITY OF GARDENA - RO Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed Global Id: SL0603723593	1312-1346 ROSECRANS	S 1/8 - 1/4 (0.171 mi.)	J49	100
CITY OF GARDENA - RO Database: SLIC REG 4, Date of Government Version: 11/17/2004 Facility Status: Site Assessment	1312 ROSECRANS	S 1/8 - 1/4 (0.171 mi.)	J50	100
<b>HITCO CARBON COMPOSI</b> Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Remediation Global Id: SL204791669	<b>1600 WEST 135TH STRE</b>	<b>NW 1/4 - 1/2 (0.381 mi.)</b>	<b>O64</b>	<b>138</b>
BP CHEMICAL Database: SLIC REG 4, Date of Government Version: 11/17/2004	1600 135TH	NW 1/4 - 1/2 (0.381 mi.)	O66	186



## EXECUTIVE SUMMARY

are 8 US BROWNFIELDS 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>
<b>1545 WEST 134TH STRE</b> ACRES property ID: 14377	<b>1545 WEST 134TH STRE</b>	<b>NNW 1/4 - 1/2 (0.487 mi.)</b>	<b>P77</b>	<b>214</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>14215 S. NORMANDIE A</b> ACRES property ID: 14382	<b>14215 S. NORMANDIE A</b>	<b>SSW 0 - 1/8 (0.097 mi.)</b>	<b>B9</b>	<b>19</b>
<b>HI TEK LUBE AND TUNE</b> ACRES property ID: 142761	<b>1401,1403,1405,1415</b>	<b>SSW 0 - 1/8 (0.114 mi.)</b>	<b>D11</b>	<b>24</b>
<b>ABANDONED ALPHA BETA</b> ACRES property ID: 14369	<b>1310 W. ROSECRANS AV</b>	<b>SSE 1/8 - 1/4 (0.145 mi.)</b>	<b>H33</b>	<b>63</b>
<b>ROSECRANS NORMANDIE</b> ACRES property ID: 14368	<b>1312-1346 W. ROSECRA</b>	<b>S 1/8 - 1/4 (0.171 mi.)</b>	<b>J51</b>	<b>101</b>
<b>NURSERY PROPERTY</b> ACRES property ID: 14371	<b>14504 S. NORMANDIE A</b>	<b>S 1/8 - 1/4 (0.226 mi.)</b>	<b>L55</b>	<b>114</b>
<b>HITCO PROPERTY</b> ACRES property ID: 14385	<b>1600 W. 135TH STREET</b>	<b>NW 1/4 - 1/2 (0.381 mi.)</b>	<b>O67</b>	<b>186</b>
<b>STABOND CORPORATION</b> ACRES property ID: 166603	<b>14010 S. WESTERN AVE</b>	<b>W 1/4 - 1/2 (0.500 mi.)</b>	<b>R81</b>	<b>231</b>

### **Local Lists of Landfill / Solid Waste Disposal Sites**

CA WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the CA WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 CA WMUDS/SWAT site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COLEMAN	1640 W 135TH STREET	NW 1/4 - 1/2 (0.464 mi.)	Q74	207

CA SWRCY: A listing of recycling facilities in California.

A review of the CA SWRCY list, as provided by EDR, and dated 12/10/2018 has revealed that there is 1 CA 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>
<b>GARDENA RECYCLING CE</b> Cert Id: RC0043	<b>1538 W 134TH ST</b>	<b>NNW 1/4 - 1/2 (0.456 mi.)</b>	<b>P69</b>	<b>200</b>

## EXECUTIVE SUMMARY

### **Local Lists of Registered Storage Tanks**

CA SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 9 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CAL SWITCH</b> Status: A Tank Status: A Comp Number: 16427	<b>13717 S NORMANDIE</b>	<b>NNW 1/8 - 1/4 (0.158 mi.)</b>	<b>E44</b>	<b>91</b>
<b>DAVID ROSE</b> Status: A Comp Number: 12659	<b>13706 S NORMANDIE AV</b>	<b>N 1/8 - 1/4 (0.172 mi.)</b>	<b>K52</b>	<b>103</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PEARMAN AND SON INC</b> Status: A Tank Status: A Comp Number: 11321	<b>14105 S NORMANDIE AV</b>	<b>SW 0 - 1/8 (0.056 mi.)</b>	<b>B6</b>	<b>17</b>
<b>SUPERIOR NURSERY CO</b> Status: A Comp Number: 12335	<b>1433 W 139TH ST</b>	<b>NNW 1/8 - 1/4 (0.125 mi.)</b>	<b>E16</b>	<b>33</b>
<b>SY-ART PARKING STRUC</b> Status: A Tank Status: A Comp Number: 2635	<b>14201 S HALLDALE AV</b>	<b>WSW 1/8 - 1/4 (0.140 mi.)</b>	<b>F23</b>	<b>41</b>
<b>SMARDAN SUPPLY</b> Status: A Comp Number: 13556	<b>14009 HALLDALE AVE</b>	<b>W 1/8 - 1/4 (0.145 mi.)</b>	<b>F31</b>	<b>63</b>
<b>SHELL STATION</b> Status: A Tank Status: A Comp Number: 10600	<b>1408 W ROSECRANS AVE</b>	<b>SSW 1/8 - 1/4 (0.148 mi.)</b>	<b>D37</b>	<b>77</b>
<b>NEWFIELD</b> Status: A Comp Number: 12846	<b>14504 SOUTH NORMANDI</b>	<b>S 1/8 - 1/4 (0.226 mi.)</b>	<b>L54</b>	<b>106</b>
<b>CHARLES E THOMAS CO</b> Status: A Tank Status: A Comp Number: 6415	<b>13701 S ALMA AVE</b>	<b>NW 1/8 - 1/4 (0.244 mi.)</b>	<b>M57</b>	<b>121</b>

## EXECUTIVE SUMMARY

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 15 CA HIST UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CALIFORNIA SWITCH & Facility Id: 00000005008	13717 S NORMANDIE AV	NNW 1/8 - 1/4 (0.158 mi.)	E43	91
<b>CAL SWITCH</b>	<b>13717 S NORMANDIE</b>	<b>NNW 1/8 - 1/4 (0.158 mi.)</b>	<b>E44</b>	<b>91</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PEARMAN AND SON INC</b> PEARMAN & SON, INC. Facility Id: 00000004880	<b>14105 S NORMANDIE AV</b> 14105 S NORMANDIE AV	<b>SW 0 - 1/8 (0.056 mi.)</b> SW 0 - 1/8 (0.056 mi.)	<b>B6</b> B7	<b>17</b> 18
KOBATA GROWERS INC Facility Id: 00000060927	1440 W 139TH ST	NW 0 - 1/8 (0.094 mi.)	C8	19
SAVINGS OIL CO Facility Id: 00000000452	1401 W ROSECRANS	SSW 0 - 1/8 (0.114 mi.)	D10	22
SUPERIOR NURSERY Facility Id: 00000005394	1433 W 139TH ST	NNW 1/8 - 1/4 (0.125 mi.)	E17	33
<b>KOBATA GROWERS INC</b> Facility Id: 00000064432	<b>1463 W 139TH STREET</b>	<b>NW 1/8 - 1/4 (0.137 mi.)</b>	<b>C19</b>	<b>35</b>
HENRY OSHIRO Facility Id: 00000021017	1408 W ROSEERANS	SSW 1/8 - 1/4 (0.140 mi.)	D20	36
SHOP AND YARD Facility Id: 00000000475	14201 HALLDALE AVE	WSW 1/8 - 1/4 (0.140 mi.)	F22	40
<b>SY-ART PARKING STRUC</b> WILPAC PLUMBING, INC Facility Id: 00000041451	<b>14201 S HALLDALE AV</b> 14225 HALLDALE AVE	<b>WSW 1/8 - 1/4 (0.140 mi.)</b> WSW 1/8 - 1/4 (0.170 mi.)	<b>F23</b> F47	<b>41</b> 99
WILPAC PLUMBING INC <b>NEWFIELD</b> Facility Id: 00000055627 Facility Id: 00000033994	14225 S HALLDALE AVE <b>14504 SOUTH NORMANDI</b>	WSW 1/8 - 1/4 (0.170 mi.) <b>S 1/8 - 1/4 (0.226 mi.)</b>	F48 <b>L54</b>	99 <b>106</b>
<b>CHARLES E THOMAS CO</b> Facility Id: 00000017596	<b>13701 S ALMA AVE</b>	<b>NW 1/8 - 1/4 (0.244 mi.)</b>	<b>M57</b>	<b>121</b>

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 5 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CAL SWITCH</b> Facility Id: 19015859 Status: A	<b>13717 S NORMANDIE</b>	<b>NNW 1/8 - 1/4 (0.158 mi.)</b>	<b>E44</b>	<b>91</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>PEARMAN AND SON INC</b>	<b>14105 S NORMANDIE AV</b>	<b>SW 0 - 1/8 (0.056 mi.)</b>	<b>B6</b>	<b>17</b>

## EXECUTIVE SUMMARY

Facility Id: 19044156  
Status: A

<b>SY-ART PARKING STRUC</b>	<b>14201 S HALLDALE AV</b>	<b>WSW 1/8 - 1/4 (0.140 mi.)</b>	<b>F23</b>	<b>41</b>
Facility Id: 19002878 Status: A				
<b>SHELL STATION</b>	<b>1408 W ROSECRANS AVE</b>	<b>SSW 1/8 - 1/4 (0.148 mi.)</b>	<b>D37</b>	<b>77</b>
Facility Id: 19002113 Status: A				
<b>CHARLES E THOMAS CO</b>	<b>13701 S ALMA AVE</b>	<b>NW 1/8 - 1/4 (0.244 mi.)</b>	<b>M57</b>	<b>121</b>
Facility Id: 19028089 Status: A				

### Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CYNTHIA SCOTT EPA ID:: CAC003000431	1245 W 140TH ST	ENE 0 - 1/8 (0.118 mi.)	13	27
<b>PIONEER CHEMICAL COM</b> EPA ID:: CAR000037218	<b>13717 NORMANDIE AVE</b>	<b>NNW 1/8 - 1/4 (0.152 mi.)</b>	<b>E40</b>	<b>84</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
A PLUS AUTOMOTIVE EPA ID:: CAL000256716	1405 W ROSECRANS AVE	SSW 1/8 - 1/4 (0.131 mi.)	D18	34
<b>JOMAR INDUSTRIES INC</b> EPA ID:: CAD981989379	<b>1500 W 139TH ST</b>	<b>WNW 1/8 - 1/4 (0.155 mi.)</b>	<b>I42</b>	<b>89</b>

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTATES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 13 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>SELECT AUTO BODY</b> Reg Id: R-21683	<b>13807 NORMANDIE AVE</b>	<b>NNW 0 - 1/8 (0.119 mi.)</b>	<b>E14</b>	<b>28</b>
<b>PEABODY ENGINEERING</b>	<b>13618 ALMA</b>	<b>NW 1/4 - 1/2 (0.265 mi.)</b>	<b>N60</b>	<b>132</b>

## EXECUTIVE SUMMARY

Reg Id: I-13514				
<b>MOBIL #18-D3X (FORME)</b>	<b>14225 VERMONT AVE S</b>	<b>ESE 1/4 - 1/2 (0.428 mi.)</b>	<b>68</b>	<b>189</b>
Reg Id: I-06596				
<b>SAMSON CHEMICAL CO</b>	<b>1521 W 134TH ST</b>	<b>NNW 1/4 - 1/2 (0.461 mi.)</b>	<b>P73</b>	<b>204</b>
Reg Id: I-11314				
<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction / Distance</u></b>	<b><u>Map ID</u></b>	<b><u>Page</u></b>
<b>SHOP &amp; YARD</b>	<b>14201 HALLDALE AVE S</b>	<b>WSW 1/8 - 1/4 (0.140 mi.)</b>	<b>F21</b>	<b>37</b>
Reg Id: I-02635				
<b>REPUBLIC SERVICES OF</b>	<b>1449 W ROSECRANS AVE</b>	<b>SW 1/8 - 1/4 (0.144 mi.)</b>	<b>G29</b>	<b>58</b>
Reg Id: I-07747				
<b>SHELL #204-2928-0504</b>	<b>1408 ROSECRANS AVE W</b>	<b>SSW 1/8 - 1/4 (0.148 mi.)</b>	<b>D36</b>	<b>67</b>
Reg Id: I-10600				
<b>HI-TEMP FORMING CO</b>	<b>1505 139TH ST W</b>	<b>WNW 1/8 - 1/4 (0.160 mi.)</b>	<b>I45</b>	<b>93</b>
Reg Id: R-06100				
<b>HITCO CARBON COMPOSI</b>	<b>1600 W. 135TH ST.</b>	<b>NW 1/4 - 1/2 (0.381 mi.)</b>	<b>O65</b>	<b>144</b>
Reg Id: I-02510				
<b>SKYPARK AIRPORT PROP</b>	<b>1636 135TH</b>	<b>NW 1/4 - 1/2 (0.460 mi.)</b>	<b>Q70</b>	<b>202</b>
Reg Id: 2476				
<b>BILLS SERV STAT MAIN</b>	<b>1730 W 139TH ST</b>	<b>W 1/4 - 1/2 (0.466 mi.)</b>	<b>76</b>	<b>209</b>
Reg Id: R-13204				
<b>UNITED OIL #02</b>	<b>1744 ROSECRANS AVE W</b>	<b>WSW 1/4 - 1/2 (0.491 mi.)</b>	<b>78</b>	<b>217</b>
Reg Id: I-12104				
<b>STABOND CORPORATION</b>	<b>14010 WESTERN AVE S</b>	<b>W 1/4 - 1/2 (0.500 mi.)</b>	<b>R82</b>	<b>235</b>
Reg Id: 902490152				

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

A review of the CA HWP list, as provided by EDR, and dated 02/19/2019 has revealed that there are 2 CA HWP sites within approximately 1 mile of the target property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction / Distance</u></b>	<b><u>Map ID</u></b>	<b><u>Page</u></b>
<b>NORTHROP CORPORATION</b>	<b>13215 S WESTERN AVEN</b>	<b>NW 1/2 - 1 (0.759 mi.)</b>	<b>T94</b>	<b>305</b>
EPA Id: CAD000627331				
Cleanup Status: PROTECTIVE FILER				

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction / Distance</u></b>	<b><u>Map ID</u></b>	<b><u>Page</u></b>
<b>HITCO CARBON COMPOSI</b>	<b>1600 W. 135TH ST.</b>	<b>NW 1/4 - 1/2 (0.381 mi.)</b>	<b>O65</b>	<b>144</b>
EPA Id: CAD000631747				
Cleanup Status: PROTECTIVE FILER				

## EXECUTIVE SUMMARY

CA Notify 65: 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.

A review of the CA Notify 65 list, as provided by EDR, and dated 09/19/2018 has revealed that there is 1 CA Notify 65 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>
Not reported	130TH ST & VERMONT	NNE 1/2 - 1 (0.792 mi.)	96	307

CA WIP: Well Investigation Program case in the San Gabriel and San Fernando Valley area.

A review of the CA WIP list, as provided by EDR, and dated 07/03/2009 has revealed that there is 1 CA WIP 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>
SMARDAN SUPPLY Facility Status: Historical	262 W ALAMEDA AVE	W 1/8 - 1/4 (0.145 mi.)	F32	63

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there is 1 EDR Hist Auto site within approximately 0.125 miles of the target property.

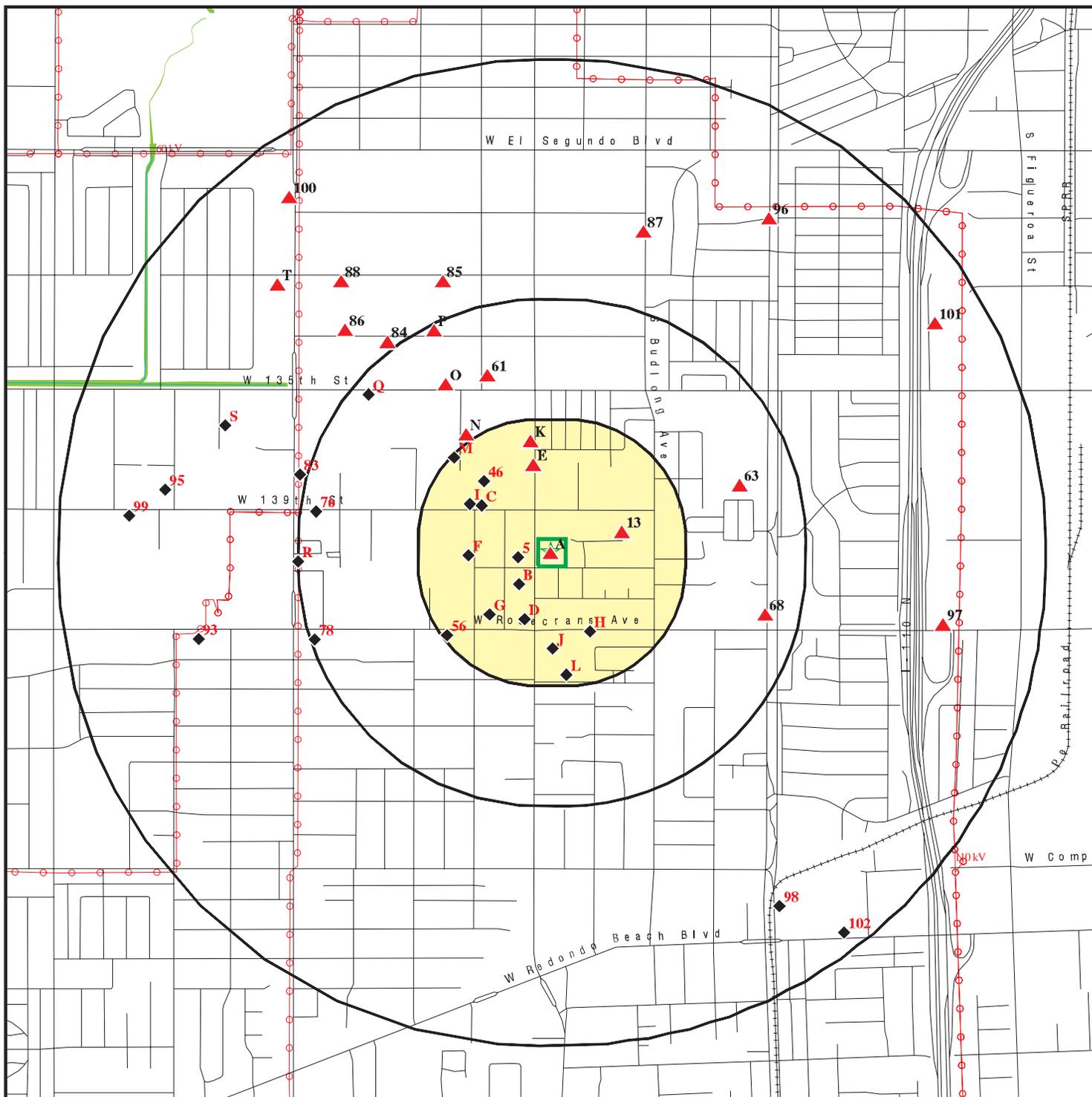
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAVINGS TEXACO SERVI	1401-15 W ROSECRANS	SSW 0 - 1/8 (0.114 mi.)	D12	26

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 3 records.

<u>Site Name</u>	<u>Database(s)</u>
SOUTHERN CALIFORNIA DISPOSAL	CA SWF/LF
SANTA FE PACIFIC PIPELINES	CA CPS-SLIC
UNOCAL - ROSECRANS LEASE	CA CPS-SLIC

# OVERVIEW MAP - 5630209.2S



 Target Property

 Sites at elevations higher than or equal to the target property

 Sites at elevations lower than the target property

 Manufactured Gas Plants

 National Priority List Sites

 Dept. Defense Sites

 Indian Reservations BIA

 Power transmission lines

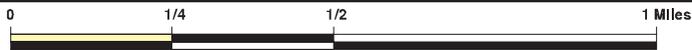
 100-year flood zone

 500-year flood zone

 National Wetland Inventory

 State Wetlands

 Areas of Concern

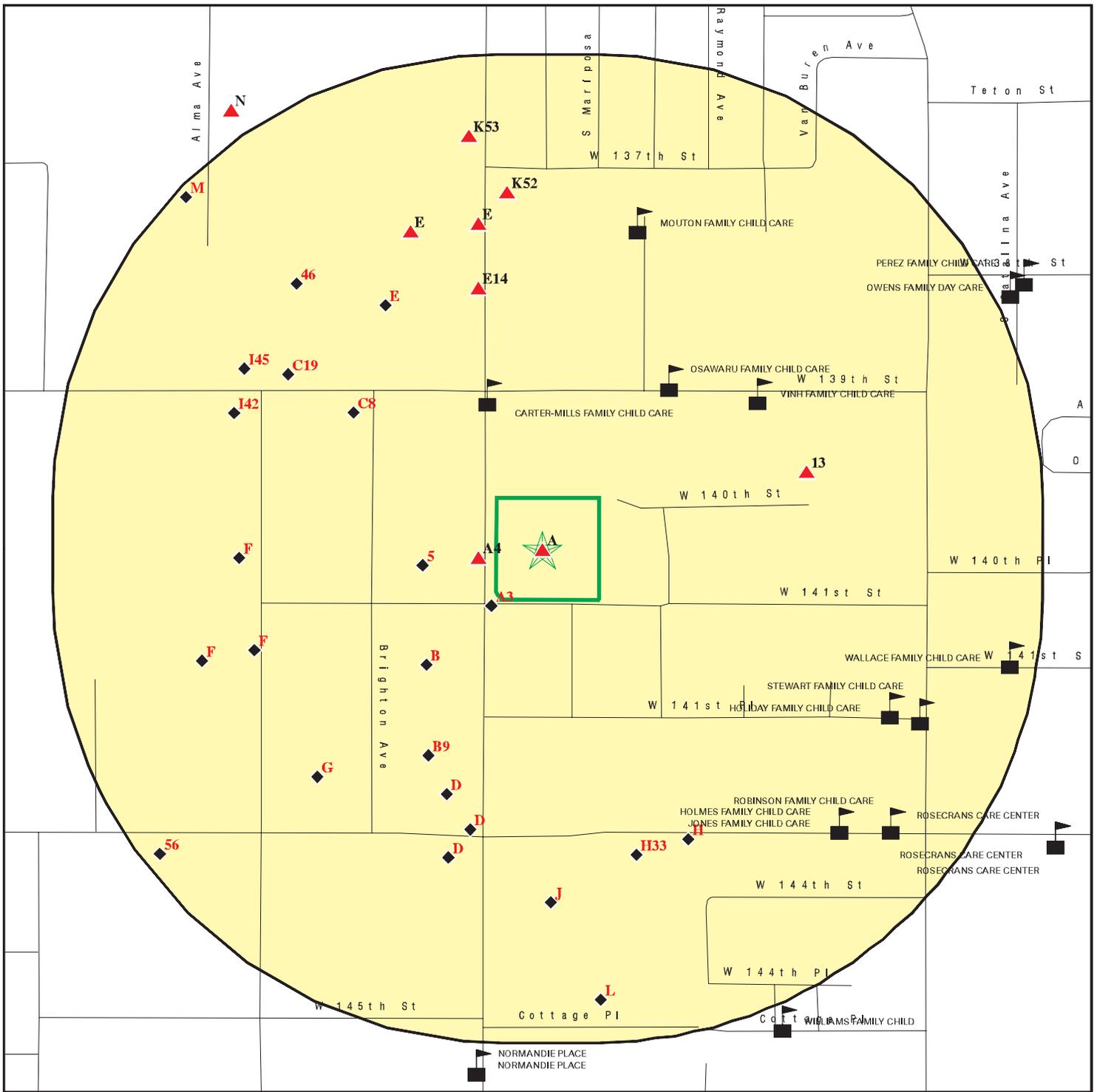


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1341 W 141st Street  
 ADDRESS: 1341 W 141st Street  
 Gardena CA 90247  
 LAT/LONG: 33.90423 / 118.299823

CLIENT: Stantec  
 CONTACT: Alicia Jansen  
 INQUIRY #: 5630209.2s  
 DATE: April 23, 2019 4:29 pm

# DETAIL MAP - 5630209.2S



-  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
-  100-year flood zone
-  500-year flood zone
-  Areas of Concern

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

<p>SITE NAME: 1341 W 141st Street          ADDRESS: 1341 W 141st Street          Gardena CA 90247          LAT/LONG: 33.90423 / 118.299823</p>	<p>CLIENT: Stantec          CONTACT: Alicia Jansen          INQUIRY #: 5630209.2s          DATE: April 23, 2019 4:34 pm</p>
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## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		2	5	NR	NR	NR	7
RCRA-CESQG	0.250		0	1	NR	NR	NR	1
<b><i>Federal institutional controls / engineering controls registries</i></b>								
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
<b><i>Federal ERNS list</i></b>								
ERNS	TP		NR	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
CA RESPONSE	1.000		0	0	0	1	NR	1
<b><i>State- and tribal - equivalent CERCLIS</i></b>								
CA ENVIROSTOR	1.000		1	1	0	19	NR	21
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
CA SWF/LF	0.500		0	1	3	NR	NR	4
<b><i>State and tribal leaking storage tank lists</i></b>								
CA LUST	0.500		2	5	9	NR	NR	16

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500		0	5	6	NR	NR	11
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		0	3	NR	NR	NR	3
CA AST	0.250		0	1	NR	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
CA VCP	0.500		0	0	0	NR	NR	0
INDIAN VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
CA BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		2	3	3	NR	NR	8
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
CA WMUDS/SWAT	0.500		0	0	1	NR	NR	1
CA SWRCY	0.500		0	0	1	NR	NR	1
CA HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
CA AOCONCERN	1.000		0	0	0	0	NR	0
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	0	NR	0
CA SCH	0.250		0	0	NR	NR	NR	0
CA CDL	TP		NR	NR	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
CA CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
CA PFAS	TP		NR	NR	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
CA SWEEPS UST	0.250	1	1	8	NR	NR	NR	10
CA HIST UST	0.250	1	4	11	NR	NR	NR	16
CA FID UST	0.250		1	4	NR	NR	NR	5
CA CERS TANKS	0.250		0	0	NR	NR	NR	0
<b>Local Land Records</b>								
CA LIENS	TP		NR	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	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	TP		NR	NR	NR	NR	NR	0
CA CHMIRS	TP		NR	NR	NR	NR	NR	0
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		1	3	NR	NR	NR	4
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	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CA Cortese	0.500		0	0	0	NR	NR	0
CA 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>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
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NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1**      **LLOYDS NURSERY**  
**Target**    **1341 W 141ST STREET**  
**Property**   **GARDENA, CA 90247**

**CA HIST UST**    **U001563085**  
**N/A**

**Site 1 of 4 in cluster A**

**Actual:**  
**53 ft.**

**HIST UST:**  
File Number: 00027839  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027839.pdf>  
Region: STATE  
Facility ID: 00000003159  
Facility Type: Other  
Other Type: NURSERY  
Contact Name: Not reported  
Telephone: 2133238208  
Owner Name: NAKAYAMA NURSERY INC DBA LLOYD  
Owner Address: 1341 W 141ST STREET  
Owner City,St,Zip: GARDENA, CA 90247  
Total Tanks: 0001  
  
Tank Num: 001  
Container Num: 1  
Year Installed: 1964  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

**A2**      **LLOYDS NURSERY**  
**Target**    **1341 W 141ST ST**  
**Property**   **GARDENA, CA 90247**

**CA SWEEPS UST**    **S102057688**  
**CA LOS ANGELES CO. HMS**    **N/A**

**Site 2 of 4 in cluster A**

**Actual:**  
**53 ft.**

**SWEEPS UST:**  
Status: Active  
Comp Number: 11182  
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

**LOS ANGELES CO. HMS:**  
Region: LA  
Permit Category: T  
Facility Id: 011173-011182

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LLOYDS NURSERY (Continued)**

**S102057688**

Facility Type: 0  
Facility Status: Removed  
Area: 2B  
Permit Number: 00002633T  
Permit Status: Removed

**A3  
SW  
< 1/8  
0.007 mi.  
35 ft.**

**PEARMAN & SON READY CONCRETE MIX  
14100 S. NORMANDIE AVE.  
GARDENA, CA 90249**

**CA ENVIROSTOR S106893762  
N/A**

**Site 3 of 4 in cluster A**

**Relative:  
Lower  
Actual:  
52 ft.**

ENVIROSTOR:  
Facility ID: 19170002  
Status: Refer: 1248 Local Agency  
Status Date: 03/10/2005  
Site Code: Not reported  
Site Type: Evaluation  
Site Type Detailed: Evaluation  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Cypress  
Assembly: 51  
Senate: Not reported  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not Applicable  
Latitude: 33.90377  
Longitude: -118.3003  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 19170002  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: Not reported  
Completed Sub Area Name: Not reported  
Completed Document Type: Not reported  
Completed Date: Not reported  
Comments: Not reported

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

A4  
West  
< 1/8  
0.010 mi.  
53 ft.

**VOLT CENTURY GRAPHICS**  
**14011 NORMANDIE AVE**  
**GARDENA, CA 90249**

**Site 4 of 4 in cluster A**

**RCRA-SQG 1000391274**  
**FINDS CAD982464489**  
**ECHO**

**Relative:**  
**Higher**

RCRA-SQG:

**Actual:**  
**53 ft.**

Date form received by agency: 03/23/1989  
Facility name: VOLT CENTURY GRAPHICS  
Facility address: 14011 NORMANDIE AVE  
GARDENA, CA 90249  
EPA ID: CAD982464489  
Mailing address: NORMANDIE AVE  
GARDENA, CA 90249  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 14011 NORMANDIE AVE  
GARDENA, CA 90249  
Contact country: US  
Contact telephone: 213-217-8883  
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: VOLT INFORMATION SCIENICES  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VOLT CENTURY GRAPHICS (Continued)**

**1000391274**

Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

**FINDS:**

Registry ID: 110002817364

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

**ECHO:**

Envid: 1000391274  
Registry ID: 110002817364  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002817364>

**5**  
**West**  
**< 1/8**  
**0.041 mi.**  
**219 ft.**

**ARVAN INC**  
**14083 S NORMANDIE**  
**GARDENA, CA 90249**

**RCRA-SQG 1004676224**  
**FINDS CAR000082453**  
**ECHO**  
**CA HAZNET**

**Relative:**  
**Lower**  
**Actual:**  
**52 ft.**

RCRA-SQG:  
Date form received by agency: 05/11/2018  
Facility name: ARVAN INC  
Facility address: 14083 S NORMANDIE AVENUE  
GARDENA, CA 90249  
EPA ID: CAR000082453  
Mailing address: S NORMANDIE  
GARDENA, CA 90249  
Contact: SERGIO E ALCALA  
Contact address: S NORMANDIE  
GARDENA, CA 90249  
Contact country: US  
Contact telephone: 310-327-1818  
Telephone ext.: 291  
Contact email: SALCALA@ARVANINC.COM

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARVAN INC (Continued)**

**1004676224**

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: CCT HOLDCO, LLC  
Owner/operator address: WILSHIRE BLVD  
GARDENA, CA 90249  
Owner/operator country: US  
Owner/operator telephone: 310-442-7000  
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: 01/03/2013  
Owner/Op end date: Not reported

Owner/operator name: CCT HOLDCO, LLC  
Owner/operator address: WILSHIRE BLVD  
GARDENA, CA 90249  
Owner/operator country: US  
Owner/operator telephone: 310-442-7000  
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: 01/03/2013  
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: 141  
. Waste name: Off-specification, aged, or surplus inorganics  
. Waste code: 223

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARVAN INC (Continued)**

**1004676224**

- . Waste name: Unspecified oil-containing waste
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

Historical Generators:

Date form received by agency: 03/29/2017  
Site name: ARVAN INC  
Classification: Small Quantity Generator

- . Waste code: 141
- . Waste name: Off-specification, aged, or surplus inorganics
- . Waste code: 223
- . Waste name: Unspecified oil-containing waste
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE

Date form received by agency: 09/15/2000  
Site name: ARVAN INCORPORATED  
Classification: Small Quantity Generator

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

Violation Status: No violations found

FINDS:

Registry ID: 110012183993

Environmental Interest/Information System

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARVAN INC (Continued)**

**1004676224**

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits 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

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

**ECHO:**

Envid: 1004676224  
Registry ID: 110012183993  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110012183993>

**HAZNET:**

Facility Name: ARVAN INC  
envid: 1004676224  
Year: 2017  
GEPaid: CAR000082453  
Contact: SERGIO E ALCALA  
Telephone: 3103271818  
Mailing Name: Not reported  
Mailing Address: 14083 S NORMANDIE AVE  
Mailing City,St,Zip: GARDENA, CA 902492614  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Other organic solids  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 0.34  
Cat Decode: Other organic solids  
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: 1004676224  
Year: 2017  
GEPaid: CAR000082453  
Contact: SERGIO E ALCALA  
Telephone: 3103271818  
Mailing Name: Not reported  
Mailing Address: 14083 S NORMANDIE AVE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ARVAN INC (Continued)**

**1004676224**

Mailing City,St,Zip: GARDENA, CA 902492614  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Other organic solids  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 0.34  
Cat Decode: Other organic solids  
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: 1004676224  
Year: 2017  
GEPaid: CAR000082453  
Contact: SERGIO E ALCALA  
Telephone: 3103271818  
Mailing Name: Not reported  
Mailing Address: 14083 S NORMANDIE AVE  
Mailing City,St,Zip: GARDENA, CA 902492614  
Gen County: Los Angeles  
TSD EPA ID: AZR000515924  
TSD County: 99  
Waste Category: Other organic solids  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.095  
Cat Decode: Other organic solids  
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Facility County: Los Angeles

envid: 1004676224  
Year: 2017  
GEPaid: CAR000082453  
Contact: SERGIO E ALCALA  
Telephone: 3103271818  
Mailing Name: Not reported  
Mailing Address: 14083 S NORMANDIE AVE  
Mailing City,St,Zip: GARDENA, CA 902492614  
Gen County: Los Angeles  
TSD EPA ID: AZR000515924  
TSD County: 99  
Waste Category: Other organic solids  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.095  
Cat Decode: Other organic solids  
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Facility County: Los Angeles

envid: 1004676224  
Year: 2017  
GEPaid: CAR000082453  
Contact: SERGIO E ALCALA

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ARVAN INC (Continued)**

**1004676224**

Telephone: 3103271818  
 Mailing Name: Not reported  
 Mailing Address: 14083 S NORMANDIE AVE  
 Mailing City,St,Zip: GARDENA, CA 902492614  
 Gen County: Los Angeles  
 TSD EPA ID: AZR000515924  
 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: 0.4  
 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

[Click this hyperlink](#) while viewing on your computer to access 63 additional CA\_HAZNET: record(s) in the EDR Site Report.

**B6  
 SW  
 < 1/8  
 0.056 mi.  
 296 ft.**

**PEARMAN AND SON INC  
 14105 S NORMANDIE AVENUE  
 GARDENA, CA 90249**

**CA SWEEPS UST S101586298  
 CA HIST UST N/A  
 CA FID UST**

**Site 1 of 3 in cluster B**

**Relative:  
 Lower  
 Actual:  
 51 ft.**

**SWEEPS UST:**  
 Status: Active  
 Comp Number: 11321  
 Number: 9  
 Board Of Equalization: 44-009240  
 Referral Date: 06-30-89  
 Action Date: Not reported  
 Created Date: 06-30-89  
 Owner Tank Id: Not reported  
 SWRCB Tank Id: 19-000-011321-000001  
 Tank Status: A  
 Capacity: Not reported  
 Active Date: 06-30-89  
 Tank Use: UNKNOWN  
 STG: W  
 Content: Not reported  
 Number Of Tanks: 1

**HIST UST:**

File Number: 00027C5D  
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027C5D.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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PEARMAN AND SON INC (Continued)**

**S101586298**

Tank Num: Not reported  
 Container Num: Not reported  
 Year Installed: Not reported  
 Tank Capacity: Not reported  
 Tank Used for: Not reported  
 Type of Fuel: Not reported  
 Container Construction Thickness: Not reported  
 Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID: 19044156  
 Regulated By: UTNKA  
 Regulated ID: 00004880  
 Cortese Code: Not reported  
 SIC Code: Not reported  
 Facility Phone: 8180000000  
 Mail To: Not reported  
 Mailing Address: 14105 S NORMANDIE AVE  
 Mailing Address 2: Not reported  
 Mailing City,St,Zip: GARDENA  
 Contact: Not reported  
 Contact Phone: Not reported  
 DUNs Number: Not reported  
 NPDES Number: Not reported  
 EPA ID: Not reported  
 Comments: Not reported  
 Status: Active

**B7**  
**SW**  
 < 1/8  
 0.056 mi.  
 296 ft.

**PEARMAN & SON, INC.**  
**14105 S NORMANDIE AVE**  
**GARDENA, CA 90249**  
 Site 2 of 3 in cluster B

**CA HIST UST U001563247**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**51 ft.**

HIST UST:  
 File Number: Not reported  
 URL: Not reported  
 Region: STATE  
 Facility ID: 00000004880  
 Facility Type: Other  
 Other Type: CONCRETE  
 Contact Name: Not reported  
 Telephone: 2133294143  
 Owner Name: PEARMAN & SON, INC.  
 Owner Address: 14105 S. NORMANDIE AVE.  
 Owner City,St,Zip: GARDENA, CA 90249  
 Total Tanks: 0002

Tank Num: 001  
 Container Num: 1  
 Year Installed: 1968  
 Tank Capacity: 00010000  
 Tank Used for: PRODUCT  
 Type of Fuel: DIESEL  
 Container Construction Thickness: 1/4

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEARMAN & SON, INC. (Continued)**

**U001563247**

Leak Detection: None  
Tank Num: 002  
Container Num: 2  
Year Installed: 1957  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: 1/4  
Leak Detection: None

**C8  
NW  
< 1/8  
0.094 mi.  
496 ft.**

**KOBATA GROWERS INC  
1440 W 139TH ST  
GARDENA, CA 90249  
Site 1 of 2 in cluster C**

**CA HIST UST U001563241  
N/A**

**Relative:  
Lower  
Actual:  
52 ft.**

HIST UST:  
File Number: 000273C7  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000273C7.pdf>  
Region: STATE  
Facility ID: 0000060927  
Facility Type: Other  
Other Type: NURSERY  
Contact Name: SOL MAYESH  
Telephone: 2135382552  
Owner Name: KOBATA GROWERS INC.  
Owner Address: 1440 W. 139TH ST  
Owner City,St,Zip: GARDENA, CA 90249  
Total Tanks: 0001  
Tank Num: 001  
Container Num: 1  
Year Installed: ????  
Tank Capacity: 00000500  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Container Construction Thickness: Not reported  
Leak Detection: None

Click here for Geo Tracker PDF:

**B9  
SSW  
< 1/8  
0.097 mi.  
512 ft.**

**14215 S. NORMANDIE AVENUE  
14215 S. NORMANDIE AVENUE  
GARDENA, CA 90249  
Site 3 of 3 in cluster B**

**US BROWNFIELDS 1023618572  
FINDS N/A**

**Relative:  
Lower  
Actual:  
51 ft.**

US BROWNFIELDS:  
Property Name: 14215 S. NORMANDIE AVENUE  
Recipient Name: Gardena, City of  
Grant Type: Assessment  
Property Number: Not reported  
Parcel size: Not reported  
Latitude: 33.902657  
Longitude: -118.300583

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

14215 S. NORMANDIE AVENUE (Continued)

1023618572

HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	14382
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Grant Type:	N/A
Accomplishment Type:	Not reported
Accomplishment Count:	0
Cooperative Agreement Number:	98976301
Start Date:	Not reported
Ownership Entity:	Not reported
Completion Date:	Not reported
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	Not reported
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

14215 S. NORMANDIE AVENUE (Continued)

1023618572

Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**14215 S. NORMANDIE AVENUE (Continued)**

**1023618572**

Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	2212
Below Poverty Percent:	19.2%
Median Income:	13198
Median Income Number:	5698
Median Income Percent:	49.4%
Vacant Housing Number:	341
Vacant Housing Percent:	7.8%
Unemployed Number:	575
Unemployed Percent:	5.0%

**FINDS:**

Registry ID: 110061017108

**Environmental Interest/Information System**

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is a federal online database for Brownfields Grantees to electronically submit data directly to EPA.

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

**D10**  
**SSW**  
**< 1/8**  
**0.114 mi.**  
**601 ft.**

**SAVINGS OIL CO**  
**1401 W ROSECRANS**  
**GARDENA, CA 90249**  
**Site 1 of 10 in cluster D**

**CA HIST UST**    **U001563251**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**51 ft.**

**HIST UST:**

File Number:	000281FF
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000281FF.pdf
Region:	STATE
Facility ID:	00000000452
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	2137571891
Owner Name:	SAVINGS TEXACO SERVICE, INC
Owner Address:	1401 W. ROSECRANS
Owner City,St,Zip:	GARDENA, CA 90249
Total Tanks:	0007
Tank Num:	001
Container Num:	1
Year Installed:	1962
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAVINGS OIL CO (Continued)**

**U001563251**

Tank Num: 002  
Container Num: 2  
Year Installed: 1962  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: 1962  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: 1971  
Tank Capacity: 00009980  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 005  
Container Num: 5  
Year Installed: 1972  
Tank Capacity: 00009980  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 006  
Container Num: 6  
Year Installed: 1972  
Tank Capacity: 00009980  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 007  
Container Num: 7  
Year Installed: 1962  
Tank Capacity: 00000290  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HI TEK LUBE AND TUNE, VEHICLE FUELING AND REPAIR (Continued)

1016371060

Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	.42
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.42
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HI TEK LUBE AND TUNE, VEHICLE FUELING AND REPAIR (Continued)**

**1016371060**

Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Adjacent to a city-owned property. Currently occupied by multiple vehicle service and repair facilities.
Below Poverty Number:	2216
Below Poverty Percent:	19.2%
Meidan Income:	13198
Meidan Income Number:	5739
Meidan Income Percent:	49.6%
Vacant Housing Number:	346
Vacant Housing Percent:	7.8%
Unemployed Number:	573
Unemployed Percent:	5.0%

**FINDS:**

Registry ID: 110046426872

**Environmental Interest/Information System**

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

**D12**  
**SSW**  
 < 1/8  
 0.114 mi.  
 601 ft.

**SAVINGS TEXACO SERVICE\***  
**1401-15 W ROSECRANS**  
**GARDENA, CA 90249**  
**Site 3 of 10 in cluster D**

**EDR Hist Auto 1020622934**  
**N/A**

**Relative:**  
**Lower**

EDR Hist Auto

**Actual:**  
 51 ft.

Year:	Name:	Type:
1971	SAVINGS TEXACO SERVICE*	Gasoline Service Stations
1972	SAVINGS TEXACO SERVICE*	Gasoline Service Stations
1973	SAVINGS TEXACO SERVICE*	Gasoline Service Stations
1974	SAVINGS TEXACO SERVICE*	Gasoline Service Stations
1987	CK PACIFIC SERVICE	General Automotive Repair Shops
1987	HA TEK AUTO CENTER	General Automotive Repair Shops

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAVINGS TEXACO SERVICE\* (Continued)**

**1020622934**

1988	HA TEK AUTO CENTER	General Automotive Repair Shops
1989	HA TEK AUTO CENTER	General Automotive Repair Shops
1990	HA TEK AUTO CENTER	General Automotive Repair Shops
1991	HA TEK AUTO CENTER	General Automotive Repair Shops
1992	HA TEK AUTO CENTER	General Automotive Repair Shops
1993	HA TEK AUTO CENTER	General Automotive Repair Shops
1994	HA TEK AUTO CENTER	General Automotive Repair Shops
1995	HITEK LUBE N TUNE	General Automotive Repair Shops
1995	HA TEK AUTO CENTER	General Automotive Repair Shops
1996	HITEK LUBE N TUNE	General Automotive Repair Shops
1999	HITEK LUBE N TUNE	General Automotive Repair Shops
2000	HITEK LUBE N TUNE	General Automotive Repair Shops
2001	HITEK LUBE N TUNE	General Automotive Repair Shops
2002	HITEK LUBE N TUNE	General Automotive Repair Shops
2003	HITEK LUBE N TUNE	General Automotive Repair Shops
2004	HITEK LUBE N TUNE	General Automotive Repair Shops
2005	HITEK LUBE N TUNE	General Automotive Repair Shops
2006	HITEK LUBE N TUNE	General Automotive Repair Shops
2007	HITEK LUBE N TUNE	General Automotive Repair Shops
2008	HITEK LUBE N TUNE	General Automotive Repair Shops
2009	HITEK LUBE N TUNE	General Automotive Repair Shops
2010	HITEK LUBE N TUNE	General Automotive Repair Shops
2011	HITEK LUBE N TUNE	General Automotive Repair Shops
2012	HITEK LUBE N TUNE	General Automotive Repair Shops
2013	HITEK LUBE N TUNE	General Automotive Repair Shops
2014	HITEK LUBE N TUNE	General Automotive Repair Shops

13  
ENE  
< 1/8  
0.118 mi.  
622 ft.

**CYNTHIA SCOTT**  
**1245 W 140TH ST**  
**GARDENA, CA 90247**

**RCRA NonGen / NLR**    **1024780469**  
**CAC003000431**

**Relative:**  
**Higher**

RCRA NonGen / NLR:

**Actual:**  
**59 ft.**

Date form received by agency: 02/11/2019  
Facility name: CYNTHIA SCOTT  
Facility address: 1245 W 140TH ST  
GARDENA, CA 90247  
EPA ID: CAC003000431  
Contact: CYNTHIA SCOTT  
Contact address: 1245 W 140TH ST  
GARDENA, CA 90247  
Contact country: Not reported  
Contact telephone: 310-487-6196  
Contact email: KC@AQHIINC.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: CYNTHIA SCOTT  
Owner/operator address: 1245 W 140TH ST  
GARDENA, CA 90247  
Owner/operator country: Not reported  
Owner/operator telephone: 310-487-6196  
Owner/operator email: Not reported  
Owner/operator fax: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CYNTHIA SCOTT (Continued)**

**1024780469**

Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: CYNTHIA SCOTT  
Owner/operator address: 1245 W 140TH ST  
GARDENA, CA 90247

Owner/operator country: Not reported  
Owner/operator telephone: 310-487-6196  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

**E14**  
**NNW**  
**< 1/8**  
**0.119 mi.**  
**627 ft.**

**SELECT AUTO BODY**  
**13807 NORMANDIE AVE S**  
**GARDENA, CA 90249**  
**Site 1 of 7 in cluster E**

**CA LUST S102062770**  
**CA HIST CORTESE N/A**

**Relative:**  
**Higher**  
**Actual:**  
**54 ft.**

LUST:  
Lead Agency: LOS ANGELES COUNTY  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603705339](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705339)  
Global Id: T0603705339  
Latitude: 33.906389  
Longitude: -118.300706  
Status: Completed - Case Closed  
Status Date: 06/21/1994  
Case Worker: JOA  
RB Case Number: R-21683  
Local Agency: LOS ANGELES COUNTY  
File Location: Not reported  
Local Case Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SELECT AUTO BODY (Continued)**

**S102062770**

Potential Media Affect: Soil  
Potential Contaminants of Concern: Aviation  
Site History: Not reported

LUST:

Global Id: T0603705339  
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: T0603705339  
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: T0603705339  
Action Type: Other  
Date: 06/21/1994  
Action: Leak Reported

LUST:

Global Id: T0603705339  
Status: Completed - Case Closed  
Status Date: 06/21/1994

Global Id: T0603705339  
Status: Open - Case Begin Date  
Status Date: 06/21/1994

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: R-21683  
Status: Case Closed  
Substance: 1  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Soil  
Abatement Method Used at the Site: Not reported  
Global ID: T0603705339  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: 139TH ST  
Enforcement Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SELECT AUTO BODY (Continued)**

**S102062770**

Date Leak Discovered: Not reported  
Date Leak First Reported: 6/21/1994  
Date Leak Record Entered: 5/3/1996  
Date Confirmation Began: Not reported  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: 6/21/1994  
Date the Case was Closed: 6/21/1994  
How Leak Discovered: Not reported  
How Leak Stopped: Not reported  
Cause of Leak: Not reported  
Leak Source: Not reported  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 2248.1255755627382623535347656  
Source of Cleanup Funding: Not reported  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: BLANK RP  
RP Address: 13805 NORMANDIE AVE S GARDENA CA 90249-2611  
Program: LUST  
Lat/Long: 33.9063793 / -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: R-21683

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**D15**  
**SSW**  
**< 1/8**  
**0.120 mi.**  
**635 ft.**

**SAVINGS OIL CO.**  
**1401 ROSECRANS W**  
**GARDENA, CA 90249**  
  
**Site 4 of 10 in cluster D**

**CA LUST**    **S119002730**  
**N/A**

**Relative:**  
**Lower**  
  
**Actual:**  
**51 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=T10000009890](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000009890)  
Global Id: T10000009890  
Latitude: 33.90212  
Longitude: -118.30071  
Status: Open - Site Assessment  
Status Date: 01/09/2017  
Case Worker: AT  
RB Case Number: 902490161  
Local Agency: Not reported  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

LUST:

Global Id: T10000009890  
Contact Type: Regional Board Caseworker  
Contact Name: ARMAN TOUMARI  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 WEST 4TH STREET, SUITE 200  
City: LOS ANGELES  
Email: [atoumari@waterboards.ca.gov](mailto:atoumari@waterboards.ca.gov)  
Phone Number: 2135766708

LUST:

Global Id: T10000009890  
Action Type: ENFORCEMENT  
Date: 05/24/2017  
Action: Health and Safety Code Section 25296.10(c)

Global Id: T10000009890  
Action Type: ENFORCEMENT  
Date: 11/17/2016  
Action: Staff Letter

Global Id: T10000009890  
Action Type: ENFORCEMENT  
Date: 01/09/2017  
Action: Health and Safety Code Section 25296.10(c)

Global Id: T10000009890  
Action Type: RESPONSE  
Date: 04/19/2018  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T10000009890  
Action Type: RESPONSE  
Date: 09/15/2017  
Action: Soil and Water Investigation Workplan

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAVINGS OIL CO. (Continued)**

**S119002730**

Global Id: T1000009890  
Action Type: RESPONSE  
Date: 07/16/2018  
Action: Correspondence - Regulator Responded

Global Id: T1000009890  
Action Type: RESPONSE  
Date: 09/15/2017  
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T1000009890  
Action Type: ENFORCEMENT  
Date: 08/14/2017  
Action: Health and Safety Code Section 25296.10(c)

Global Id: T1000009890  
Action Type: ENFORCEMENT  
Date: 07/19/2018  
Action: Staff Letter

Global Id: T1000009890  
Action Type: ENFORCEMENT  
Date: 04/19/2018  
Action: Staff Letter

Global Id: T1000009890  
Action Type: RESPONSE  
Date: 12/19/2016  
Action: Correspondence

Global Id: T1000009890  
Action Type: ENFORCEMENT  
Date: 05/07/2018  
Action: Staff Letter

Global Id: T1000009890  
Action Type: RESPONSE  
Date: 09/16/2018  
Action: Site Assessment Report

Global Id: T1000009890  
Action Type: RESPONSE  
Date: 12/12/2016  
Action: Site Assessment Report

Global Id: T1000009890  
Action Type: RESPONSE  
Date: 09/16/2018  
Action: Monitoring Report - Semi-Annually

**LUST:**

Global Id: T1000009890  
Status: Open - Case Begin Date  
Status Date: 11/17/2016

Global Id: T1000009890  
Status: Open - Site Assessment

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAVINGS OIL CO. (Continued)**

**S119002730**

Status Date: 11/17/2016  
Global Id: T10000009890  
Status: Open - Site Assessment  
Status Date: 01/09/2017

**E16  
NNW  
1/8-1/4  
0.125 mi.  
662 ft.**

**SUPERIOR NURSERY CO  
1433 W 139TH ST  
GARDENA, CA 90249**

**CA SWEEPS UST  
CA LOS ANGELES CO. HMS**

**S102057803  
N/A**

**Site 2 of 7 in cluster E**

**Relative:  
Lower  
Actual:  
52 ft.**

**SWEEPS UST:**  
Status: Active  
Comp Number: 12335  
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

**LOS ANGELES CO. HMS:**  
Region: LA  
Permit Category: Not reported  
Facility Id: 012216-012335  
Facility Type: Not reported  
Facility Status: Removed  
Area: 2B  
Permit Number: Not reported  
Permit Status: Not reported

**E17  
NNW  
1/8-1/4  
0.125 mi.  
662 ft.**

**SUPERIOR NURSERY  
1433 W 139TH ST  
GARDENA, CA 90249**

**CA HIST UST**

**U001563258  
N/A**

**Site 3 of 7 in cluster E**

**Relative:  
Lower  
Actual:  
52 ft.**

**HIST UST:**  
File Number: 00028923  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028923.pdf>  
Region: STATE  
Facility ID: 00000005394  
Facility Type: Other  
Other Type: NURSERY  
Contact Name: W.S. LAUGHLIN  
Telephone: 2133210670

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SUPERIOR NURSERY (Continued)**

**U001563258**

Owner Name: SUPERIOR NURSERY  
Owner Address: 1433 W. 139TH ST.  
Owner City,St,Zip: GARDENA, CA 90249  
Total Tanks: 0003

Tank Num: 001  
Container Num: 1  
Year Installed: 1973  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: 1973  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: 1976  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

**D18**  
**SSW**  
**1/8-1/4**  
**0.131 mi.**  
**691 ft.**

**A PLUS AUTOMOTIVE**  
**1405 W ROSECRANS AVE**  
**GARDENA, CA 90249**  
**Site 5 of 10 in cluster D**

**RCRA NonGen / NLR** **1024804158**  
**CAL000256716**

**Relative:**  
**Lower**  
**Actual:**  
**51 ft.**

RCRA NonGen / NLR:  
Date form received by agency: 07/30/2002  
Facility name: A PLUS AUTOMOTIVE  
Facility address: 1405 W ROSECRANS AVE  
GARDENA, CA 90249  
EPA ID: CAL000256716  
Contact: HEUNG SUK SUH/OWNER  
Contact address: 1405 W ROSECRANS AVE  
GARDENA, CA 90249  
Contact country: Not reported  
Contact telephone: 310-327-4619  
Contact email: HEUNGSUH@YAHOO.COM  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A PLUS AUTOMOTIVE (Continued)**

**1024804158**

Owner/operator name: HEUNG SUK SUH/OWNER  
Owner/operator address: 1405 W ROSECRANS AVE  
GARDENA, CA 90249  
Owner/operator country: Not reported  
Owner/operator telephone: 310-327-4619  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: A-PLUS AUTOMOTIVE  
Owner/operator address: 1405 W ROSECRANS AVE  
GARDENA, CA 90249  
Owner/operator country: Not reported  
Owner/operator telephone: 310-327-4619  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Other  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Yes  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

**C19  
NW  
1/8-1/4  
0.137 mi.  
721 ft.**

**KOBATA GROWERS INC  
1463 W 139TH STREET  
GARDENA, CA 90249  
Site 2 of 2 in cluster C**

**CA HIST UST U001563240  
CA LOS ANGELES CO. HMS N/A**

**Relative:  
Lower  
Actual:  
51 ft.**

HIST UST:  
File Number: 000273CA  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000273CA.pdf>  
Region: STATE  
Facility ID: 00000064432  
Facility Type: Other  
Other Type: NURSERY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KOBATA GROWERS INC (Continued)**

**U001563240**

Contact Name: SOL MAYESH  
Telephone: 2135382552  
Owner Name: KOBATA GROWERS INC.  
Owner Address: 1463 W. 139TH STREET  
Owner City,St,Zip: GARDENA, CA 90249  
Total Tanks: 0001

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00004000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: None

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**LOS ANGELES CO. HMS:**

Region: LA  
Permit Category: Not reported  
Facility Id: 014490-015086  
Facility Type: Not reported  
Facility Status: Removed  
Area: 2B  
Permit Number: Not reported  
Permit Status: Not reported

**D20**  
**SSW**  
**1/8-1/4**  
**0.140 mi.**  
**739 ft.**

**HENRY OSHIRO**  
**1408 W ROSEERANS**  
**GARDENA, CA 90249**  
**Site 6 of 10 in cluster D**

**CA HIST UST** **U001563235**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**51 ft.**

HIST UST:  
File Number: 00028560  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028560.pdf>  
Region: STATE  
Facility ID: 00000021017  
Facility Type: Gas Station  
Other Type: Not reported  
Contact Name: SAME  
Telephone: 2133294993  
Owner Name: SHELL OIL COMPANY  
Owner Address: P.O. BOX 4848  
Owner City,St,Zip: ANAHEIM, CA 92803  
Total Tanks: 0004  
  
Tank Num: 001  
Container Num: 1  
Year Installed: 1982  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: 1/4  
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HENRY OSHIRO (Continued)**

**U001563235**

Tank Num: 002  
Container Num: 2  
Year Installed: 1982  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: 1/4  
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 003  
Container Num: 3  
Year Installed: 1982  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Container Construction Thickness: 1/4  
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

Tank Num: 004  
Container Num: 4  
Year Installed: 1982  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: 1/4  
Leak Detection: Stock Inventor, Groundwater Monitoring Well, 10

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**F21**  
**WSW**  
**1/8-1/4**  
**0.140 mi.**  
**740 ft.**

**SHOP & YARD**  
**14201 HALLDALE AVE S**  
**GARDENA, CA 90249**

**CA LUST S104159700**  
**CA HIST CORTESE N/A**

**Site 1 of 8 in cluster F**

**Relative:**  
**Lower**  
**Actual:**  
**51 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=T0603702861](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702861)  
Global Id: T0603702861  
Latitude: 33.9034004  
Longitude: -118.302594  
Status: Completed - Case Closed  
Status Date: 05/20/1998  
Case Worker: Not reported  
RB Case Number: I-02635  
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: T0603702861  
Contact Type: Local Agency Caseworker  
Contact Name: JOHN AWUJO  
Organization Name: LOS ANGELES COUNTY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHOP & YARD (Continued)**

**S104159700**

Address: 900 S FREMONT AVE  
City: ALHAMBRA  
Email: jawujo@dpw.lacounty.gov  
Phone Number: 6264583507

LUST:

Global Id: T0603702861  
Action Type: Other  
Date: 10/31/1990  
Action: Leak Reported

Global Id: T0603702861  
Action Type: Other  
Date: 10/01/1990  
Action: Leak Discovery

Global Id: T0603702861  
Action Type: Other  
Date: 10/01/1990  
Action: Leak Stopped

LUST:

Global Id: T0603702861  
Status: Completed - Case Closed  
Status Date: 05/20/1998

Global Id: T0603702861  
Status: Open - Case Begin Date  
Status Date: 10/01/1990

Global Id: T0603702861  
Status: Open - Remediation  
Status Date: 02/04/1995

Global Id: T0603702861  
Status: Open - Site Assessment  
Status Date: 10/31/1990

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-02635  
Status: Case Closed  
Substance: Gasoline  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: VEGT  
Global ID: T0603702861  
W Global ID: Not reported  
Staff: EHI  
Local Agency: 19000  
Cross Street: ROSECRANS AVE  
Enforcement Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SHOP & YARD (Continued)

S104159700

Date Leak Discovered: 10/1/1990  
Date Leak First Reported: 10/31/1990  
Date Leak Record Entered: 12/5/1990  
Date Confirmation Began: Not reported  
Date Leak Stopped: 10/1/1990  
Date Case Last Changed on Database: 10/30/1998  
Date the Case was Closed: 5/20/1998  
How Leak Discovered: OM  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: TRABUE, PAUL  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 3517.6131553743281593585654809  
Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: 10/31/1990  
Pollution Characterization Began: Not reported  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: 2/4/1995  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Yes  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: SYART PARKING STRUCTURES INC  
RP Address: 14201 HALLDALE AVE., S., GARDENA, 90249  
Program: LUST  
Lat/Long: 33.9028433 / -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: SEE MEMO 12/12/96. 4 TANKS REMOVED.IN PROCESS OF REMEDIATIONBUT PLUME  
NOT DEFINED. 10/30/98 -  
ABANDONMENT OF MON & VE WELLS

HIST CORTESE:

Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-02635

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**F22**  
**WSW**  
**1/8-1/4**  
**0.140 mi.**  
**740 ft.**

**SHOP AND YARD**  
**14201 HALLDALE AVE**  
**GARDENA, CA 90249**

**CA HIST UST**    **U001563252**  
**N/A**

**Site 2 of 8 in cluster F**

**Relative:**  
**Lower**  
**Actual:**  
**51 ft.**

**HIST UST:**

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000000475
Facility Type:	Other
Other Type:	CONSTRUCTION
Contact Name:	PAUL TRABUE
Telephone:	2137703320
Owner Name:	SYART CONCRETE CONSTRUCTION, I
Owner Address:	14201 SOUTH HALLDALE AVENUE
Owner City,St,Zip:	GARDENA, CA 90249
Total Tanks:	0005

Tank Num:	001
Container Num:	01
Year Installed:	1977
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	02
Year Installed:	1977
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	3
Year Installed:	1977
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	004
Container Num:	04
Year Installed:	1977
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	005
Container Num:	05
Year Installed:	1977

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

SHOP AND YARD (Continued)

U001563252

Tank Capacity: 00000000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

F23  
WSW  
1/8-1/4  
0.140 mi.  
740 ft.

SY-ART PARKING STRUCTURES INC  
14201 S HALLDALE AV  
GARDENA, CA 90249

CA SWEEPS UST  
CA HIST UST  
CA FID UST  
CA EMI

S101583161  
N/A

Site 3 of 8 in cluster F

Relative:  
Lower

SWEEPS UST:

Actual:  
51 ft.

Status: Active  
Comp Number: 2635  
Number: 9  
Board Of Equalization: 44-007657  
Referral Date: 01-17-91  
Action Date: 01-17-91  
Created Date: 06-30-89  
Owner Tank Id: 1A  
SWRCB Tank Id: 19-000-002635-000001  
Tank Status: A  
Capacity: 4000  
Active Date: 03-01-91  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 5

Status: Active  
Comp Number: 2635  
Number: 9  
Board Of Equalization: 44-007657  
Referral Date: 01-17-91  
Action Date: 01-17-91  
Created Date: 06-30-89  
Owner Tank Id: 1B  
SWRCB Tank Id: 19-000-002635-000002  
Tank Status: A  
Capacity: 4000  
Active Date: 03-01-91  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2635  
Number: 9  
Board Of Equalization: 44-007657  
Referral Date: 01-17-91  
Action Date: 01-17-91  
Created Date: 06-30-89  
Owner Tank Id: 1C  
SWRCB Tank Id: 19-000-002635-000003  
Tank Status: A  
Capacity: 2000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SY-ART PARKING STRUCTURES INC (Continued)**

**S101583161**

Active Date: 03-01-91  
Tank Use: M.V. FUEL  
STG: P  
Content: DIESEL  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2635  
Number: 9  
Board Of Equalization: 44-007657  
Referral Date: 01-17-91  
Action Date: 01-17-91  
Created Date: 06-30-89  
Owner Tank Id: 4  
SWRCB Tank Id: 19-000-002635-000004  
Tank Status: A  
Capacity: 550  
Active Date: 03-01-91  
Tank Use: OIL  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

Status: Active  
Comp Number: 2635  
Number: 9  
Board Of Equalization: 44-007657  
Referral Date: 01-17-91  
Action Date: 01-17-91  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-002635-000005  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

**HIST UST:**

File Number: 00028968  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028968.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SY-ART PARKING STRUCTURES INC (Continued)**

**S101583161**

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

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**CA FID UST:**

Facility ID: 19002878  
Regulated By: UTNKA  
Regulated ID: 00000475  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2135292511  
Mail To: Not reported  
Mailing Address: 14201 S HALLDALE AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: GARDENA 90249  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**EMI:**

Year: 1987  
County Code: 19  
Air Basin: SC  
Facility ID: 38424  
Air District Name: SC  
SIC Code: 5199  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2  
Reactive Organic Gases Tons/Yr: 2  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 38424  
Air District Name: SC  
SIC Code: 1771  
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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SY-ART PARKING STRUCTURES INC (Continued)**

**S101583161**

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:	1995
County Code:	19
Air Basin:	SC
Facility ID:	38424
Air District Name:	SC
SIC Code:	1771
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

**F24**  
**WSW**  
**1/8-1/4**  
**0.140 mi.**  
**740 ft.**

**HISHAM'S TOWING**  
**14201 HALLDALE AVE**  
**GARDENA, CA 90249**  
**Site 4 of 8 in cluster F**

**CA UST U003984083**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**51 ft.**

UST:  
 Facility ID: 2635  
 Permitting Agency: LOS ANGELES, CITY OF  
 Latitude: 33.9048138  
 Longitude: -118.3014111

**G25**  
**SW**  
**1/8-1/4**  
**0.144 mi.**  
**761 ft.**

**1449 W ROSECRANS AVE**  
**GARDENA, CA**  
**Site 1 of 5 in cluster G**

**CA AST A100344526**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**50 ft.**

AST:  
 Certified Unified Program Agencies: Los Angeles County  
 Owner: AMERICAN WASTE SYSTEMS INC  
 Total Gallons: 3700  
 CERSID: Not reported  
 Facility ID: Not reported  
 Business Name: Not reported  
 Phone: Not reported  
 Fax: Not reported  
 Mailing Address: Not reported  
 Mailing Address City: Not reported  
 Mailing Address State: Not reported  
 Mailing Address Zip Code: Not reported  
 Operator Name: Not reported  
 Operator Phone: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**(Continued)**

**A100344526**

Owner Phone: Not reported  
 Owner Mail Address: Not reported  
 Owner State: Not reported  
 Owner Zip Code: Not reported  
 Owner Country: Not reported  
 Property Owner Name: Not reported  
 Property Owner Phone: Not reported  
 Property Owner Mailing Address: Not reported  
 Property Owner City: Not reported  
 Property Owner Stat : Not reported  
 Property Owner Zip Code: Not reported  
 Property Owner Country: Not reported  
 EPAID: Not reported

**G26  
 SW  
 1/8-1/4  
 0.144 mi.  
 761 ft.**

**AMERICAN WASTE SYSTEMS INC  
 1449 W ROSECRANS AVE  
 GARDENA, CA 90249**

**CA SWF/LF  
 CA HAZNET  
 CA NPDES  
 CA CIWQS**

**S100854814  
 N/A**

**Site 2 of 5 in cluster G**

**Relative:  
 Lower  
 Actual:  
 50 ft.**

SWF/LF (SWIS):  
 Facility ID: 19-AA-0001  
 Lat/Long: 33.90237 / -118.30203  
 Owner Name: Republic Services Of California Ii, LLC  
 Owner Telephone: 3105276980  
 Owner Address: Not reported  
 Owner Address2: 1449 W. Rosecrans Avenue  
 Owner City,St,Zip: Gardena, CA 90249  
 Operational Status: Active  
 Operator: Republic Services Of California Ii, LLC  
 Operator Phone: 3105276980  
 Operator Address: Not reported  
 Operator Address2: 1449 W. Rosecrans Avenue  
 Operator City,St,Zip: Gardena, CA 90249  
 Permit Date: 04/15/1998  
 Permit Status: Permitted  
 Permitted Acreage: \$2.80  
 Activity: Large Volume Transfer/Proc Facility  
 Regulation Status: Permitted  
 Landuse Name: Residential,Industrial,Commercial  
 GIS Source: Map  
 Category: Transfer/Processing  
 Unit Number: 01  
 Inspection Frequency: Monthly  
 Accepted Waste: Agricultural,Construction/demolition,Green  
 Materials,Industrial,Inert,Manure,Metals,Mixed municipal  
 Closure Date: Not reported  
 Closure Type: Not reported  
 Disposal Acreage: Not reported  
 SWIS Num: 19-AA-0001  
 Waste Discharge Requirement Num: Not reported  
 Program Type: Not reported  
 Permitted Throughput with Units: 2225  
 Actual Throughput with Units: Tons/day  
 Permitted Capacity with Units: 4032  
 Remaining Capacity: Not reported  
 Remaining Capacity with Units: Tons/day  
 Lat/Long: 33.90237 / -118.30203

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN WASTE SYSTEMS INC (Continued)**

**S100854814**

LOS ANGELES CO. LF:

Site ID: 144  
Alt. Address: N/A  
Site Contact: Not reported  
Site Contact Phone: (310) 527-6980  
Site Email: jvasquez@republicservices.com  
Site Website: N/A  
Site Type: Transfer and Processing Facility  
Site SWIS Number: 19-AA-0001  
Beginning Operation Date: N/A  
Ending Operation Date: N/A  
Local Enforcement Agency: County of Los Angeles Department of Public Health  
Maximun Depth Fill(Ft): Not reported  
Permitted Capacity: 2225  
Present Use: Transfer/Processing Facility  
Remaining Capacity(Million): N/A  
Status: Active  
Waste Accepted: Construction & Demolition;Green Materials;Industrial Non-Hazardous;Inert;Manure;Metals;  
Hours of Operation: Monday - Friday 4am - 5pm; Saturday 4am - 3pm  
Disposal Area (Acre): Not reported

Detail As Of 01/2014:

Operator Name: Republic Services, Inc.  
Operator Address: 1131 N. BLUE GUM ST.  
Operator City/State/Zip: ANAHEIM, CA 92806  
Operator Contact: Jorge Vasquez  
Operator Telephone: (562) 347-4114  
Operator Email: jvasquez@republicservices.com  
Owner Name: Consolidated Disposal Service  
Owner Address: Not reported  
Owner City/State/Zip: Not reported  
Owner Contact: Not reported  
Owner Telephone: Not reported  
Owner Email: Not reported

HAZNET:

Facility Name: CVS HEALTH  
envid: S100854814  
Year: 2016  
GEPaid: CAC002866517  
Contact: NICOLE WILKINSON  
Telephone: 4017707132  
Mailing Name: Not reported  
Mailing Address: 1 CVS DR  
Mailing City,St,Zip: WOONSOCKET, RI 028956146  
Gen County: Los Angeles  
TSD EPA ID: CAD008364432  
TSD County: Los Angeles  
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: 0.003  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles  
  
envid: S100854814

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN WASTE SYSTEMS INC (Continued)**

**S100854814**

Year: 2016  
GEPAID: CAC002866517  
Contact: NICOLE WILKINSON  
Telephone: 4017707132  
Mailing Name: Not reported  
Mailing Address: 1 CVS DR  
Mailing City,St,Zip: WOONSOCKET, RI 028956146  
Gen County: Los Angeles  
TSD EPA ID: CAD008364432  
TSD County: Los Angeles  
Waste Category: Other inorganic solid waste  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.0035  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

**NPDES:**

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 19I015288  
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: 07/20/1999  
Operator Name: Consolidated Services Inc  
Operator Address: 12949 Telegraph Rd  
Operator City: Santa Fe Springs  
Operator State: California  
Operator Zip: 90670

**NPDES as of 03/2018:**

NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 190901  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I015288  
Program Type: Industrial

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN WASTE SYSTEMS INC (Continued)**

**S100854814**

Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 07/20/1999  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Consolidated Services Inc  
Discharge Address: 12949 Telegraph 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  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN WASTE SYSTEMS INC (Continued)**

**S100854814**

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
Regulatory Measure ID:	190901
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I015288
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:	07/20/1999
Status:	Active
Status Date:	07/20/1999
Place Size:	3
Place Size Unit:	Acres
Contact:	Misael Rivera
Contact Title:	Transfer Station Supervisor
Contact Phone:	323-229-1205
Contact Phone Ext:	Not reported
Contact Email:	mrivera@republicservices.com
Operator Name:	Consolidated Services Inc
Operator Address:	12949 Telegraph Rd
Operator City:	Santa Fe Springs
Operator State:	California
Operator Zip:	90670
Operator Contact:	Margaret Patrick
Operator Contact Title:	Environmental Manager
Operator Contact Phone:	714-238-3386
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	mpatrick@republicservices.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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN WASTE SYSTEMS INC (Continued)**

**S100854814**

Constype Linear Utility Ind: Not reported  
Emergency Phone: 323-229-1205  
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: Dominguez Channel  
Certifier: Margaret Patrick  
Certifier Title: Division Manager  
Certification Date: 07-APR-17  
Primary Sic: 4953-Refuse Systems  
Secondary Sic: 5093-Scrap and Waste Materials  
Tertiary Sic: Not reported

Facility Status: Active  
NPDES Number: CAS000001  
Region: 4  
Agency Number: 0  
Regulatory Measure ID: 190901  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 4 19I015288  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 07/20/1999  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 12949 Telegraph Rd  
Discharge Name: Consolidated Services Inc  
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: CAS000001

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN WASTE SYSTEMS INC (Continued)**

**S100854814**

Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 190901  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I015288  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 07/20/1999  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Consolidated Services Inc  
Discharge Address: 12949 Telegraph 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  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN WASTE SYSTEMS INC (Continued)**

**S100854814**

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
Regulatory Measure ID:	190901
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I015288
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:	07/20/1999
Status:	Active
Status Date:	07/20/1999
Place Size:	3
Place Size Unit:	Acres
Contact:	Misael Rivera
Contact Title:	Transfer Station Supervisor
Contact Phone:	323-229-1205
Contact Phone Ext:	Not reported
Contact Email:	mriviera@republicservices.com
Operator Name:	Consolidated Services Inc
Operator Address:	12949 Telegraph Rd
Operator City:	Santa Fe Springs
Operator State:	California
Operator Zip:	90670
Operator Contact:	Margaret Patrick
Operator Contact Title:	Environmental Manager
Operator Contact Phone:	714-238-3386
Operator Contact Phone Ext:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN WASTE SYSTEMS INC (Continued)**

**S100854814**

Operator Contact Email: mpatrick@republicservices.com  
Operator Type: Private Business  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: California  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 323-229-1205  
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: Dominguez Channel  
Certifier: Margaret Patrick  
Certifier Title: Division Manager  
Certification Date: 07-APR-17  
Primary Sic: 4953-Refuse Systems  
Secondary Sic: 5093-Scrap and Waste Materials  
Tertiary Sic: Not reported

**CIWQS:**

Agency: USA Waste of CA Inc  
Agency Address: 1850 W Betteravia Rd, Santa Maria, CA 93455  
Place/Project Type: Industrial - Refuse Systems  
SIC/NAICS: Multiple  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I003351  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 04/03/1992  
Termination Date: 08/10/1999  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AMERICAN WASTE SYSTEMS INC (Continued)**

**S100854814**

TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.90192
Longitude:	-118.3017
Agency:	Consolidated Services Inc
Agency Address:	12949 Telegraph Rd, Santa Fe Springs, CA 90670
Place/Project Type:	Industrial - Refuse Systems
SIC/NAICS:	Multiple
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I015288
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	07/20/1999
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:	33.90192
Longitude:	-118.3017

**G27**  
**SW**  
**1/8-1/4**  
**0.144 mi.**  
**761 ft.**

**ALDEN EQUIPMENT COMPANY**  
**1449 WEST ROSECRANS AVENUE**  
**GARDENA, CA 90249**

**CA ENVIROSTOR** **S101480841**  
**CA CHMIRS** **N/A**

**Site 3 of 5 in cluster G**

**Relative:**  
**Lower**  
**Actual:**  
**50 ft.**

<b>ENVIROSTOR:</b>	
Facility ID:	19350015
Status:	Refer: Other Agency
Status Date:	08/31/1995
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	* Mmonroy
Division Branch:	Cleanup Chatsworth
Assembly:	62
Senate:	35
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.90236
Longitude:	-118.3020

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALDEN EQUIPMENT COMPANY (Continued)**

**S101480841**

APN: 6102021015  
Past Use: NONE SPECIFIED  
Potential COC: \* HOUSEHOLD WASTES  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: PUBLIC REFUSE DISPOSAL  
Alias Type: Alternate Name  
Alias Name: 6102021015  
Alias Type: APN  
Alias Name: 19350015  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 11/08/1994  
Comments: DATABASE VALIDATION PROGRAM CONFIRMS NFA FOR DTSC.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 03/29/1988  
Comments: PRELIM ASSESS DONE PA MED DUE TO LACK OF INFO.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 12/31/1981  
Comments: FACILITY IDENTIFIED L A CHAMBER OF COMMERCE DIRECTORY 1956

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

CHMIRS:

OES Incident Number: 12701  
OES notification: Not reported  
OES Date: 3/9/1996  
OES Time: 02:34:52 PM  
**Date Completed: Not reported**  
Property Use: Not reported  
Agency Id Number: Not reported  
Agency Incident Number: Not reported  
Time Notified: Not reported  
Time Completed: Not reported  
Surrounding Area: Not reported  
Estimated Temperature: Not reported  
Property Management: Not reported  
More Than Two Substances Involved?: Not reported  
Resp Agency Personnel # Of Decontaminated: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ALDEN EQUIPMENT COMPANY (Continued)**

**S101480841**

Responding Agency Personel # Of Injuries: Not reported  
Responding Agency Personel # Of Fatalities: Not reported  
Others Number Of Decontaminated: Not reported  
Others Number Of Injuries: Not reported  
Others Number Of Fatalities: Not reported  
Vehicle Make/year: Not reported  
Vehicle License Number: Not reported  
Vehicle State: Not reported  
Vehicle Id Number: Not reported  
CA DOT PUC/ICC Number: Not reported  
Company Name: Not reported  
Reporting Officer Name/ID: Not reported  
Report Date: Not reported  
Facility Telephone: Not reported  
Waterway Involved: YES  
Waterway: Not reported  
Spill Site: Not reported  
Cleanup By: private company  
Containment: Not reported  
What Happened: Not reported  
Type: CHEMICAL  
Measure: Not reported  
Other: Not reported  
Date/Time: Not reported  
Year: 1996  
Agency: la co fd  
Incident Date: 1121 08Mar96  
Admin Agency: Not reported  
Amount: 55 gal drum unk content amt  
Contained: NO  
Site Type: OTHER  
E Date: Not reported  
Substance: sodium dithionite  
Unknown: Not reported  
Substance #2: Not reported  
Substance #3: Not reported  
Evacuations: NO  
Number of Injuries: YES  
Number of Fatalities: NO  
#1 Pipeline: Not reported  
#2 Pipeline: Not reported  
#3 Pipeline: Not reported  
#1 Vessel >= 300 Tons: Not reported  
#2 Vessel >= 300 Tons: Not reported  
#3 Vessel >= 300 Tons: Not reported  
Evacs: Not reported  
Injuries: Not reported  
Fatals: Not reported  
Comments: Not reported  
Description: dump site moving stuff with fork lift, ran over 55 gal drum exposing to air. product was air reactant. contents caught fire and started trash at site to burn.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**G28**  
**SW**  
**1/8-1/4**  
**0.144 mi.**  
**761 ft.**

**AMERICAN WASTE SYSTEMS INC**  
**1449 W ROSECRANS AVE**  
**GARDENA, CA 90249**

**CA UST** **U003776199**  
**CA LOS ANGELES CO. HMS** **N/A**

**Site 4 of 5 in cluster G**

**Relative:**  
**Lower**  
**Actual:**  
**50 ft.**

UST:

Facility ID: 7747  
Permitting Agency: LOS ANGELES, CITY OF  
Latitude: 33.903717  
Longitude: -118.300686

Facility ID: LACoFA0022295  
Permitting Agency: Los Angeles County Fire Department  
Latitude: 33.90237  
Longitude: -118.30203

LOS ANGELES CO. HMS:

Region: LA  
Permit Category: T  
Facility Id: 007387-007747  
Facility Type: 0  
Facility Status: Closed  
Area: 2B  
Permit Number: 00005937T  
Permit Status: Closed

Region: LA  
Permit Category: I  
Facility Id: 007387-107747  
Facility Type: 01  
Facility Status: Closed  
Area: 2B  
Permit Number: 000010032  
Permit Status: Closed

Region: LA  
Permit Category: I  
Facility Id: 007387-107747  
Facility Type: 01  
Facility Status: Closed  
Area: 2B  
Permit Number: 000012481  
Permit Status: Closed

Region: LA  
Permit Category: I  
Facility Id: 007387-107747  
Facility Type: 01  
Facility Status: Closed  
Area: 2B  
Permit Number: 000012519  
Permit Status: Closed

Region: LA  
Permit Category: I  
Facility Id: 007387-107747  
Facility Type: 04  
Facility Status: Closed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AMERICAN WASTE SYSTEMS INC (Continued)**

**U003776199**

Area: 2B  
Permit Number: 00012616C  
Permit Status: Closed

Region: LA  
Permit Category: I  
Facility Id: 007387-107747  
Facility Type: 04  
Facility Status: Closed  
Area: 2B  
Permit Number: 00012617C  
Permit Status: Closed

**G29**  
**SW**  
**1/8-1/4**  
**0.144 mi.**  
**761 ft.**

**REPUBLIC SERVICES OF CALIF LLC**  
**1449 W ROSECRANS AVE**  
**GARDENA, CA 90249**

**Site 5 of 5 in cluster G**

**CA LUST** **U002281260**  
**CA HIST CORTESE** **N/A**  
**CA LOS ANGELES CO. HMS**  
**CA WDS**

**Relative:**  
**Lower**  
**Actual:**  
**50 ft.**

**LUST:**

Lead Agency: LOS ANGELES COUNTY  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603703318](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703318)  
Global Id: T0603703318  
Latitude: 33.902367  
Longitude: -118.302035  
Status: Completed - Case Closed  
Status Date: 05/08/1995  
Case Worker: JOA  
RB Case Number: I-07747  
Local Agency: LOS ANGELES COUNTY  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Diesel  
Site History: Not reported

**LUST:**

Global Id: T0603703318  
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: T0603703318  
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: T0603703318

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REPUBLIC SERVICES OF CALIF LLC (Continued)**

**U002281260**

Action Type: Other  
Date: 09/13/1990  
Action: Leak Reported

Global Id: T0603703318  
Action Type: Other  
Date: 08/14/1990  
Action: Leak Discovery

Global Id: T0603703318  
Action Type: Other  
Date: 08/14/1990  
Action: Leak Stopped

**LUST:**

Global Id: T0603703318  
Status: Completed - Case Closed  
Status Date: 05/08/1995

Global Id: T0603703318  
Status: Open - Case Begin Date  
Status Date: 05/22/1990

Global Id: T0603703318  
Status: Open - Site Assessment  
Status Date: 05/22/1990

Global Id: T0603703318  
Status: Open - Site Assessment  
Status Date: 08/14/1990

**LUST REG 4:**

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-07747  
Status: Case Closed  
Substance: Diesel  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: Not reported  
Global ID: T0603703318  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: HALLDALE AVE  
Enforcement Type: Informal Enforcement Actions,including Notices of Violations and Staff Enforcement Letters  
Date Leak Discovered: 8/14/1990  
Date Leak First Reported: 9/13/1990  
Date Leak Record Entered: 11/29/1990  
Date Confirmation Began: Not reported  
Date Leak Stopped: 8/14/1990  
Date Case Last Changed on Database: 5/8/1995  
Date the Case was Closed: 5/8/1995

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**REPUBLIC SERVICES OF CALIF LLC (Continued)**

**U002281260**

How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: HEBOIAN, ANDREW  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 3480.5015013714338582193915204  
Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: 5/22/1990  
Preliminary Site Assessment Began: 8/14/1990  
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: 1/1/1965  
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: AMERICAN WASTE SYSTEMS INC  
RP Address: P.O. BOX 1428, GARDENA, 92708  
Program: LUST  
Lat/Long: 33.9020493 / -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: TCE FOUND IN GW @ 1,200, AND 780 UG/L. NO ONSITE SOURCE WAS IDENTIFIED. TCE ALSO FOUND IN OTHER WELLS IN THE AREA.

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-07747

**LOS ANGELES CO. HMS:**

Region: LA  
Permit Category: I  
Facility Id: 007387-028951  
Facility Type: 01  
Facility Status: Permit  
Area: 2B  
Permit Number: 000015093  
Permit Status: Permit

Region: LA  
Permit Category: I  
Facility Id: 007387-028951

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

REPUBLIC SERVICES OF CALIF LLC (Continued)

U002281260

Facility Type: 01  
Facility Status: Permit  
Area: 2B  
Permit Number: 000015094  
Permit Status: Removed

Region: LA  
Permit Category: I  
Facility Id: 007387-028951  
Facility Type: 01  
Facility Status: Permit  
Area: 2B  
Permit Number: 000015095  
Permit Status: Permit

Region: LA  
Permit Category: I  
Facility Id: 007387-028951  
Facility Type: 04  
Facility Status: Permit  
Area: 2B  
Permit Number: 000285055  
Permit Status: Removed

Region: LA  
Permit Category: I  
Facility Id: 007387-028951  
Facility Type: 04  
Facility Status: Permit  
Area: 2B  
Permit Number: 000285056  
Permit Status: Removed

Region: LA  
Permit Category: I  
Facility Id: 007387-028951  
Facility Type: 05  
Facility Status: Permit  
Area: 2B  
Permit Number: 000820249  
Permit Status: Permit

WDS:

Facility ID: 4 19I015288  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: Not reported  
Facility Contact: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**REPUBLIC SERVICES OF CALIF LLC (Continued)**

**U002281260**

Agency Name: WASTE MANAGEMENT INC.  
 Agency Address: 12949 Telegraph Rd.  
 Agency City,St,Zip: Santa Fe Springs 90670  
 Agency Contact: John McNamara  
 Agency Telephone: 5626633400  
 Agency Type: Private  
 SIC Code: 4953  
 SIC Code 2: 5093  
 Primary Waste Type: Not reported  
 Primary Waste: Not reported  
 Waste Type2: Not reported  
 Waste2: Not reported  
 Primary Waste Type: Not reported  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Design Flow: 0  
 Baseline Flow: 0  
 Reclamation: No reclamation requirements associated with this facility.  
 POTW: The facility is not a POTW.  
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**H30**  
**SSE**  
**1/8-1/4**  
**0.144 mi.**  
**762 ft.**

**CITY OF GARDENA - ALPHA BETA PROPERTY**  
**1306 ROSECRANS**  
**GARDENA, CA 90247**  
**Site 1 of 4 in cluster H**

**CA CPS-SLIC S106387213**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**52 ft.**

CPS-SLIC:  
 Region: STATE  
**Facility Status: Completed - Case Closed**  
 Status Date: 03/01/2013  
 Global Id: SL0603702213  
 Lead Agency: LOS ANGELES RWQCB (REGION 4)  
 Lead Agency Case Number: Not reported  
 Latitude: 33.9011965796822  
 Longitude: -118.29906463623  
 Case Type: Cleanup Program Site  
 Case Worker: PC  
 Local Agency: Not reported  
 RB Case Number: 1090C  
 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:](#)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CITY OF GARDENA - ALPHA BETA PROPERTY (Continued)

S106387213

SLIC REG 4:  
Region: 4  
Facility Status: Site Assessment  
SLIC: 1090C  
Substance: Not reported  
Staff: PGN

F31  
West  
1/8-1/4  
0.145 mi.  
765 ft.

SMARDAN SUPPLY  
14009 HALLDALE AVE  
GARDENA, CA  
Site 5 of 8 in cluster F

CA SWEEPS UST S106932283  
N/A

Relative:  
Lower  
Actual:  
51 ft.

SWEEPS UST:  
Status: Active  
Comp Number: 13556  
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

F32  
West  
1/8-1/4  
0.145 mi.  
765 ft.

SMARDAN SUPPLY  
262 W ALAMEDA AVE  
BURBANK, CA 91502  
Site 6 of 8 in cluster F

CA WIP S106026198  
N/A

Relative:  
Lower  
Actual:  
51 ft.

WIP:  
Region: 4  
File Number: 109.0100  
File Status: Historical  
Staff: AVELOZ  
Facility Suite: Not reported

H33  
SSE  
1/8-1/4  
0.145 mi.  
768 ft.

ABANDONED ALPHA BETA PROPERTY  
1310 W. ROSECRANS AVENUE  
GARDENA, CA 90247  
Site 2 of 4 in cluster H

US BROWNFIELDS 1016352487  
FINDS N/A

Relative:  
Lower  
Actual:  
52 ft.

US BROWNFIELDS:  
Property Name: ABANDONED ALPHA BETA PROPERTY  
Recipient Name: Gardena, City of  
Grant Type: Assessment

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ABANDONED ALPHA BETA PROPERTY (Continued)**

**1016352487**

Property Number:	Not reported
Parcel size:	Not reported
Latitude:	33.901787
Longitude:	-118.298508
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	14369
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Grant Type:	N/A
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	98976301
Start Date:	06/30/2001 00:00:00
Ownership Entity:	Not reported
Completion Date:	06/30/2001 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	Not reported
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ABANDONED ALPHA BETA PROPERTY (Continued)**

**1016352487**

Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ABANDONED ALPHA BETA PROPERTY (Continued)**

**1016352487**

SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	2213
Below Poverty Percent:	18.7%
Meidan Income:	9090
Meidan Income Number:	5892
Meidan Income Percent:	49.7%
Vacant Housing Number:	314
Vacant Housing Percent:	7.0%
Unemployed Number:	580
Unemployed Percent:	4.9%

**FINDS:**

Registry ID: 110039552490

**Environmental Interest/Information System**

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

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

**H34**  
**SSE**  
**1/8-1/4**  
**0.147 mi.**  
**777 ft.**

**CITY OF GARDENA - ROSECRANS STRIPMALL PROP**  
**1300 ROSECRANS AVENUE**  
**GARDENA, CA 90247**

**CA CPS-SLIC S112274168**  
**N/A**

**Site 3 of 4 in cluster H**

**Relative:**  
**Lower**  
**Actual:**  
**52 ft.**

<b>CPS-SLIC:</b>	
Region:	STATE
<b>Facility Status:</b>	<b>Completed - Case Closed</b>
Status Date:	03/01/2013
Global Id:	SLT43721719
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.9016418255578
Longitude:	-118.298324346542
Case Type:	Cleanup Program Site
Case Worker:	PC
Local Agency:	Not reported
RB Case Number:	1090A
File Location:	Not reported
Potential Media Affected:	Not reported
Potential Contaminants of Concern:	Not reported
Site History:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**CITY OF GARDENA - ROSECRANS STRIPMALL PROP (Continued)**

**S112274168**

Click here to access the California GeoTracker records for this facility:

<b>H35</b> <b>SSE</b> 1/8-1/4 0.147 mi. 777 ft.	<b>CITY OF GARDENA - ROSECRANS STRIP MALL PROPERTY</b> <b>1300 ROSECRANS</b> <b>GARDENA, CA 90247</b>  <b>Site 4 of 4 in cluster H</b>  <b>Relative:</b> SLIC REG 4: <b>Lower</b> Region:       4 Facility Status: Site Assessment <b>Actual:</b> SLIC:           1090A 52 ft.       Substance:     TPH/VOCs Staff:           PGN	<b>CA CPS-SLIC</b>           <b>S106387211</b> <b>N/A</b>
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<b>D36</b> <b>SSW</b> 1/8-1/4 0.148 mi. 784 ft.	<b>SHELL #204-2928-0504</b> <b>1408 ROSECRANS AVE W</b> <b>GARDENA, CA 90249</b>  <b>Site 7 of 10 in cluster D</b>  <b>Relative:</b> LUST: <b>Lower</b> Lead Agency:       LOS ANGELES RWQCB (REGION 4) Case Type:       LUST Cleanup Site <b>Actual:</b> Geo Track: <a href="http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703633">http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703633</a> 51 ft.       Global Id:        T0603703633 Latitude:         33.9018183 Longitude:       -118.3006278 Status:           Open - Eligible for Closure Status Date:   07/02/2018 Case Worker:   AT RB Case Number: I-10600 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:        T0603703633 Contact Type:   Regional Board Caseworker Contact Name:    ARMAN TOUMARI Organization Name: LOS ANGELES RWQCB (REGION 4) Address:         320 WEST 4TH STREET, SUITE 200 City:            LOS ANGELES Email:           atoumari@waterboards.ca.gov Phone Number:   2135766708  Global Id:        T0603703633 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	<b>CA LUST</b> <b>CA HIST CORTESE</b>           <b>S101296221</b> <b>N/A</b>
---	---	---

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-2928-0504 (Continued)**

**S101296221**

Phone Number: 6264583507

LUST:

Global Id: T0603703633  
Action Type: Other  
Date: 07/28/1989  
Action: Leak Reported

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2012  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2012  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 06/04/2013  
Action: Request for Closure - Regulator Responded

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-2928-0504 (Continued)**

**S101296221**

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/05/2013  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 04/15/2013  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: ENFORCEMENT  
Date: 05/10/2017  
Action: Health and Safety Code Section 25296.10(c)

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 04/01/2008  
Action: Soil and Water Investigation Workplan

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2013  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 08/15/2012  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2018  
Action: Monitoring Report - Annually

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 03/01/2018  
Action: Request for Closure - Regulator Responded

Global Id: T0603703633  
Action Type: ENFORCEMENT  
Date: 06/15/2009  
Action: Staff Letter

Global Id: T0603703633  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-2928-0504 (Continued)**

**S101296221**

Date: 10/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 04/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2013  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/15/2014  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/15/2015  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2014  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/15/2018  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/13/2017  
Action: Monitoring Report - Other

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/29/2016  
Action: Request for Closure - Regulator Responded

Global Id: T0603703633  
Action Type: ENFORCEMENT  
Date: 06/08/2011  
Action: Staff Letter

Global Id: T0603703633  
Action Type: ENFORCEMENT  
Date: 06/24/2010  
Action: Staff Letter

Global Id: T0603703633  
Action Type: ENFORCEMENT  
Date: 11/20/2018  
Action: Notification - Preclosure

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-2928-0504 (Continued)**

**S101296221**

Global Id:	T0603703633
Action Type:	RESPONSE
Date:	10/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0603703633
Action Type:	RESPONSE
Date:	01/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0603703633
Action Type:	RESPONSE
Date:	07/15/2008
Action:	Monitoring Report - Quarterly
Global Id:	T0603703633
Action Type:	RESPONSE
Date:	04/15/2009
Action:	Monitoring Report - Quarterly
Global Id:	T0603703633
Action Type:	RESPONSE
Date:	01/15/2010
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603703633
Action Type:	RESPONSE
Date:	01/15/2007
Action:	Monitoring Report - Quarterly
Global Id:	T0603703633
Action Type:	RESPONSE
Date:	07/15/2014
Action:	Monitoring Report - Quarterly
Global Id:	T0603703633
Action Type:	ENFORCEMENT
Date:	03/15/2001
Action:	Staff Letter
Global Id:	T0603703633
Action Type:	REMEDIATION
Date:	08/01/2001
Action:	Dual Phase Extraction
Global Id:	T0603703633
Action Type:	REMEDIATION
Date:	08/01/2003
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0603703633
Action Type:	ENFORCEMENT
Date:	07/26/2017
Action:	Health and Safety Code Section 25296.10(c)
Global Id:	T0603703633
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-2928-0504 (Continued)**

**S101296221**

Date: 05/21/2009  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 04/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 05/28/2010  
Action: Interim Remedial Action Plan

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 04/15/2015  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 04/15/2014  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: REMEDIATION  
Date: 09/01/2010  
Action: Soil Vapor Extraction (SVE)

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2002  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
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

**SHELL #204-2928-0504 (Continued)**

**S101296221**

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2015  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 05/01/2017  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2017  
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2017  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/15/2017  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703633  
Action Type: REMEDIATION  
Date: 01/01/1999  
Action: Free Product Removal

Global Id: T0603703633  
Action Type: REMEDIATION  
Date: 01/01/2003  
Action: Excavation

Global Id: T0603703633  
Action Type: Other  
Date: 11/07/1989  
Action: Leak Discovery

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-2928-0504 (Continued)**

**S101296221**

Date: 10/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 06/30/2010  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2010  
Action: Well Installation Report

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/15/2011  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 04/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 04/15/2011  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2010  
Action: Pilot Study/ Treatability Report

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2011  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2017  
Action: Remedial Progress Report

Global Id: T0603703633  
Action Type: ENFORCEMENT  
Date: 06/12/2008  
Action: Technical Correspondence / Assistance / Other

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-2928-0504 (Continued)**

**S101296221**

Global Id: T0603703633  
Action Type: Other  
Date: 11/07/1989  
Action: Leak Stopped

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2011  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 08/08/2011  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/15/2012  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 04/15/2012  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 01/15/2016  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 10/15/2015  
Action: Monitoring Report - Quarterly

Global Id: T0603703633  
Action Type: RESPONSE  
Date: 07/15/2016  
Action: Monitoring Report - Semi-Annually

**LUST:**

Global Id: T0603703633  
Status: Open - Assessment & Interim Remedial Action  
Status Date: 06/24/2010

Global Id: T0603703633  
Status: Open - Case Begin Date  
Status Date: 07/28/1989

Global Id: T0603703633  
Status: Open - Eligible for Closure  
Status Date: 07/02/2018

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-2928-0504 (Continued)**

**S101296221**

Global Id: T0603703633  
Status: Open - Site Assessment  
Status Date: 12/23/1991

Global Id: T0603703633  
Status: Open - Site Assessment  
Status Date: 09/19/2000

Global Id: T0603703633  
Status: Open - Site Assessment  
Status Date: 04/01/2008

**LUST REG 4:**

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-10600  
Status: Pollution Characterization  
Substance: Gasoline  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: Not reported  
Global ID: T0603703633  
W Global ID: Not reported  
Staff: AT  
Local Agency: 19000  
Cross Street: NORMANDIE AVE  
Enforcement Type: SEL  
Date Leak Discovered: 11/7/1989  
Date Leak First Reported: 7/28/1989  
Date Leak Record Entered: 8/30/1989  
Date Confirmation Began: Not reported  
Date Leak Stopped: 11/7/1989  
Date Case Last Changed on Database: 7/26/2002  
Date the Case was Closed: Not reported  
How Leak Discovered: Subsurface Monitoring  
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): 3346.1356239862551867446042673  
Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: 12/23/1991  
Preliminary Site Assessment Began: 12/23/1991  
Pollution Characterization Began: 9/19/2000  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: 7/28/1989  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: 11/16/1998  
Hist Max MTBE Conc in Groundwater: 8200  
Hist Max MTBE Conc in Soil: 2600  
Significant Interim Remedial Action Taken: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL #204-2928-0504 (Continued)**

**S101296221**

GW Qualifier: Not reported  
Soil Qualifier: =  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: DEBORAH PRYOR  
RP Address: P.O. BOX 7869  
Program: LUST  
Lat/Long: 33.9018183 / -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: 10/13/00 3RD QTR GW MON RPT 2000; 10/20/00 WP FOR OFFSITE GW ASSESSMENT.; 11/21/00 FEASIBILITY TESTING FOR REMEDIAL ACTION; 1/19/01 4TH QTR GW MON RPT 2000

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-10600

**D37**  
**SSW**  
**1/8-1/4**  
**0.148 mi.**  
**784 ft.**

**SHELL STATION**  
**1408 W ROSECRANS AVE**  
**GARDENA, CA 90249**  
**Site 8 of 10 in cluster D**

**CA SWEEPS UST** **S101582981**  
**CA FID UST** **N/A**  
**CA LOS ANGELES CO. HMS**

**Relative:**  
**Lower**  
**Actual:**  
**51 ft.**

**SWEEPS UST:**  
Status: Active  
Comp Number: 10600  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 06-15-90  
Action Date: 06-15-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-010600-000001  
Tank Status: A  
Capacity: 1  
Active Date: 06-15-90  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 4  
  
Status: Active  
Comp Number: 10600  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 06-15-90  
Action Date: 06-15-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-010600-000002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL STATION (Continued)**

**S101582981**

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: 10600  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 06-15-90  
Action Date: 06-15-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-010600-000003  
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: 10600  
Number: 9  
Board Of Equalization: 44-000074  
Referral Date: 06-15-90  
Action Date: 06-15-90  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-010600-000004  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

**CA FID UST:**

Facility ID: 19002113  
Regulated By: UTNKA  
Regulated ID: 00021017  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 8004474355  
Mail To: Not reported  
Mailing Address: 511 N BROOKHURST AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: GARDENA 90249  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL STATION (Continued)**

**S101582981**

EPA ID: Not reported  
Comments: Not reported  
Status: Active

LOS ANGELES CO. HMS:

Region: LA  
Permit Category: I  
Facility Id: 008444-021534  
Facility Type: 01  
Facility Status: Closed  
Area: 2B  
Permit Number: 000120909  
Permit Status: Closed

Region: LA  
Permit Category: T  
Facility Id: 008444-010600  
Facility Type: 0  
Facility Status: Closed  
Area: 2B  
Permit Number: 00002061T  
Permit Status: Closed

**D38**  
**SSW**  
**1/8-1/4**  
**0.148 mi.**  
**784 ft.**

**PAM'S SHELL**  
**1408 W ROSECRANS AVE**  
**GARDENA, CA 90249**

**Site 9 of 10 in cluster D**

**CA UST** **U003984071**  
**CA LOS ANGELES CO. HMS** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**51 ft.**

UST:  
Facility ID: 26265  
Permitting Agency: LOS ANGELES, CITY OF  
Latitude: 33.902919  
Longitude: -118.299402

Facility ID: LACoFA0022515  
Permitting Agency: Los Angeles County Fire Department  
Latitude: 33.90157  
Longitude: -118.30075

LOS ANGELES CO. HMS:

Region: LA  
Permit Category: T  
Facility Id: 008444-026265  
Facility Type: 0  
Facility Status: Closed  
Area: 2B  
Permit Number: 000227710  
Permit Status: Closed

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**D39**  
**SSW**  
**1/8-1/4**  
**0.148 mi.**  
**784 ft.**

**SHELL SERVICE STATION**  
**1408 W ROSECRANS**  
**GARDENA, CA 90249**  
  
**Site 10 of 10 in cluster D**

**RCRA-CESQG** **1006805200**  
**FINDS** **CAR000124560**  
**ECHO**  
**CA HAZNET**

**Relative:**  
**Lower**

RCRA-CESQG:

Date form received by agency: 04/04/2017

**Actual:**  
**51 ft.**

Facility name: SHELL SERVICE STATION  
Facility address: 1408 W ROSECRANS  
GARDENA, CA 90249-2634

EPA ID: CAR000124560  
Mailing address: SOUTH WILMINGTON AVE  
CARSON, CA 90810

Contact: ANDREA WING  
Contact address: SOUTH WILMINGTON AVE  
CARSON, CA 90810

Contact country: US  
Contact telephone: 714-731-1050

Contact email: ANDREA.WING@SHELL.COM

EPA Region: 09

Classification: Conditionally Exempt Small Quantity Generator

Description: Handler: generates 100 kg or less of hazardous waste per calendar month, and accumulates 1000 kg or less of hazardous waste at any time; or generates 1 kg or less of acutely hazardous waste per calendar month, and accumulates 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; 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 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

Owner/Operator Summary:

Owner/operator name: ADAM ESTES

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: 03/02/2017

Owner/Op end date: Not reported

Owner/operator name: ANDREA WING  
Owner/operator address: SOUTH WILMINGTON AVE  
CARSON, CA 90810

Owner/operator country: US

Owner/operator telephone: 707-933-2366

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**1006805200**

Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: 03/02/2017  
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: 134  
. Waste name: Aqueous solution with <10% total organic residues  
  
. Waste code: D018  
. Waste name: BENZENE  
  
. Waste code: D001  
. Waste name: IGNITABLE WASTE

Historical Generators:

Date form received by agency: 08/16/2002  
Site name: SHELL SERVICE STATION  
Classification: Small Quantity Generator

. Waste code: D001  
. Waste name: IGNITABLE WASTE  
  
. Waste code: D018  
. Waste name: BENZENE

Violation Status: No violations found

**FINDS:**

Registry ID: 110013309099

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**1006805200**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

**ECHO:**

Envid: 1006805200  
Registry ID: 110013309099  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110013309099>

**HAZNET:**

Facility Name: SHELL SERVICE STATION  
envid: 1006805200  
Year: 2017  
GEPaid: CAR000124560  
Contact: ADAM ESTES  
Telephone: 3172917007  
Mailing Name: Not reported  
Mailing Address: 7750 NORTH MACARTHUR, SUITE 120  
Mailing City,St,Zip: IRVING, TX 750630000  
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: 0.0084  
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: 1006805200  
Year: 2016  
GEPaid: CAR000124560  
Contact: ANDREA WING  
Telephone: 7147311050  
Mailing Name: Not reported  
Mailing Address: 20945 SOUTH WILMINGTON AVE  
Mailing City,St,Zip: CARSON, CA 90810  
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: 0.0336  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: 1006805200  
Year: 2015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SHELL SERVICE STATION (Continued)**

**1006805200**

GEPaid: CAR000124560  
Contact: ADAM ESTES  
Telephone: 3172917007  
Mailing Name: Not reported  
Mailing Address: PO BOX 2099  
Mailing City,St,Zip: HOUSTON, TX 772522099  
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: 0.1596  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: 1006805200  
Year: 2014  
GEPaid: CAR000124560  
Contact: ADAM ESTES  
Telephone: 3172917007  
Mailing Name: Not reported  
Mailing Address: PO BOX 3127  
Mailing City,St,Zip: HOUSTON, TX 772530000  
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: 0.294  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: 1006805200  
Year: 2013  
GEPaid: CAR000124560  
Contact: Adam Estes  
Telephone: 3172917007  
Mailing Name: Not reported  
Mailing Address: PO BOX 3127  
Mailing City,St,Zip: HOUSTON, TX 772530000  
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: 0.336  
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

**SHELL SERVICE STATION (Continued)**

**1006805200**

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

**E40  
NNW  
1/8-1/4  
0.152 mi.  
803 ft.**

**PIONEER CHEMICAL COMPANY  
13717 NORMANDIE AVE  
GARDENA, CA 90249  
Site 4 of 7 in cluster E**

**RCRA NonGen / NLR 1001217568  
ICIS CAR000037218  
FINDS  
ECHO  
CA HAZNET**

**Relative:  
Higher**

RCRA NonGen / NLR:

**Actual:  
55 ft.**

Date form received by agency: 04/22/1998  
Facility name: WEILER PRINTING  
Facility address: 13717 NORMANDIE AVE  
GARDENA, CA 90247  
EPA ID: CAR000037218  
Contact: MARK PONCHER  
Contact address: 1010 SANDHILL AVE  
CARSON, CA 90746  
Contact country: US  
Contact telephone: 310-632-4300  
Contact email: Not reported  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: PAP INVESTMENTS  
Owner/operator address: 1010 SANDHILL AVE  
CARSON, CA 90746  
Owner/operator country: Not reported  
Owner/operator telephone: 310-632-4300  
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  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PIONEER CHEMICAL COMPANY (Continued)**

**1001217568**

Waste name: IGNITABLE WASTE

Historical Generators:

Date form received by agency: 03/13/1998  
Site name: WEILER PRINTING  
Classification: Small Quantity Generator

Violation Status: No violations found

ICIS:

Enforcement Action ID: 09-2007-0270  
FRS ID: 110002921312  
Action Name: Pioneer Chemical  
Facility Name: PIONEER CHEMICAL  
Facility Address: 13717 NORMANDIE AVE.  
GARDENA, CA 90249  
Enforcement Action Type: FIFRA 14A Action For Penalty  
Facility County: LOS ANGELES  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Administrative - Formal  
EA Type Code: 14A  
Facility SIC Code: 2879  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.907194  
Longitude in Decimal Degrees: -118.300401  
Permit Type Desc: Not reported  
Program System Acronym: 600036256  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Facility Name: PIONEER CHEMICAL  
Address: 13717 NORMANDIE AVE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: PIONEER CHEMICAL  
Address: 13717 NORMANDIE AVE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: PIONEER CHEMICAL  
Address: 13717 NORMANDIE AVE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: 2879

Facility Name: PIONEER CHEMICAL  
Address: 13717 NORMANDIE AVE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PIONEER CHEMICAL COMPANY (Continued)**

**1001217568**

SIC Code: 2879

**FINDS:**

Registry ID: 110002921312

**Environmental Interest/Information System**

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits 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.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

SSTS (Section Seven Tracking System ) evolved from the FIFRA and TSCA Enforcement System (FATES). SSTS tracks the registration of all pesticide-producing establishments and tracks annually the types and amounts of pesticides, active ingredients, and related devices that are produced, sold, or distributed each year.

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

**ECHO:**

Envid: 1001217568

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PIONEER CHEMICAL COMPANY (Continued)**

**1001217568**

Registry ID: 110002921312  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002921312>

**HAZNET:**

Facility Name: WEILER PRINTING  
 envid: 1001217568  
 Year: 1998  
 GEPAID: CAR000037218  
 Contact: PAP INVESTMENTS  
 Telephone: 3106324300  
 Mailing Name: Not reported  
 Mailing Address: 1010 SANDHILL AVE  
 Mailing City,St,Zip: CARSON, CA 907460000  
 Gen County: Not reported  
 TSD EPA ID: CAD008252405  
 TSD County: Not reported  
 Waste Category: Unspecified organic liquid mixture  
 Disposal Method: Recycler  
 Tons: .4586  
 Cat Decode: Not reported  
 Method Decode: Not reported  
 Facility County: Los Angeles

envid: 1001217568  
 Year: 1998  
 GEPAID: CAR000037218  
 Contact: PAP INVESTMENTS  
 Telephone: 3106324300  
 Mailing Name: Not reported  
 Mailing Address: 1010 SANDHILL AVE  
 Mailing City,St,Zip: CARSON, CA 907460000  
 Gen County: Not reported  
 TSD EPA ID: CAD000088252  
 TSD County: Not reported  
 Waste Category: Other organic solids  
 Disposal Method: Transfer Station  
 Tons: .8428  
 Cat Decode: Not reported  
 Method Decode: Not reported  
 Facility County: Los Angeles

**E41**  
**North**  
**1/8-1/4**  
**0.155 mi.**  
**818 ft.**

**LONG-LOK FASTENERS CORP**  
**13709 S NORMANDIE AVE**  
**GARDENA, CA 90249**  
**Site 5 of 7 in cluster E**

**RCRA-SQG 1000232344**  
**FINDS CAD982368706**  
**ECHO**

**Relative:**  
**Higher**  
**Actual:**  
**55 ft.**

RCRA-SQG:  
 Date form received by agency: 04/11/1988  
 Facility name: LONG-LOK FASTENERS CORP  
 Facility address: 13709 S NORMANDIE AVE  
 GARDENA, CA 90249  
 EPA ID: CAD982368706  
 Contact: ENVIRONMENTAL MANAGER  
 Contact address: 13709 S NORMANDIE AVE  
 GARDENA, CA 90024  
 Contact country: US

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LONG-LOK FASTENERS CORP (Continued)**

**1000232344**

Contact telephone: 213-516-9099  
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: ROCKWOOD SYSTEMS CORP  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Municipal  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Municipal  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**LONG-LOK FASTENERS CORP (Continued)**

**1000232344**

**FINDS:**

Registry ID: 110006477909

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

**ECHO:**

Envid: 1000232344  
Registry ID: 110006477909  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110006477909>

**I42  
WNW  
1/8-1/4  
0.155 mi.  
821 ft.**

**JOMAR INDUSTRIES INC  
1500 W 139TH ST  
GARDENA, CA 90249  
Site 1 of 2 in cluster I**

**RCRA NonGen / NLR 1000154309  
FINDS CAD981989379  
ECHO  
CA LOS ANGELES CO. HMS**

**Relative:  
Lower  
Actual:  
51 ft.**

RCRA NonGen / NLR:  
Date form received by agency: 11/21/1995  
Facility name: JOMAR INDUSTRIES INC  
Facility address: 1500 W 139TH ST  
GARDENA, CA 90249  
EPA ID: CAD981989379  
Contact: ENVIRONMENTAL MANAGER  
Contact address: PO BOX 1517  
GARDENA, CA 90249  
Contact country: US  
Contact telephone: 213-770-0505  
Contact email: Not reported  
EPA Region: 09  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: JHSTERN  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOMAR INDUSTRIES INC (Continued)**

**1000154309**

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002767881

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

OSHA ESTABLISHMENT

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

ECHO:

Envid: 1000154309  
Registry ID: 110002767881  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002767881>

LOS ANGELES CO. HMS:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**JOMAR INDUSTRIES INC (Continued)**

**1000154309**

Region: LA  
Permit Category: Not reported  
Facility Id: 022957-032104  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 2B  
Permit Number: Not reported  
Permit Status: Not reported

**E43  
NNW  
1/8-1/4  
0.158 mi.  
834 ft.**

**CALIFORNIA SWITCH & SIGNAL  
13717 S NORMANDIE AVE  
GARDENA, CA 90249  
Site 6 of 7 in cluster E**

**CA HIST UST U001563224  
N/A**

**Relative:  
Higher  
Actual:  
54 ft.**

HIST UST:  
File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000005008  
Facility Type: Other  
Other Type: DISTRIBUTOR ELECTRON  
Contact Name: SAM PERLMAN  
Telephone: 2137702330  
Owner Name: P.A.P. INVESTMENT CO  
Owner Address: 2905 VIA VICTORIA  
Owner City,St,Zip: PALOS VERDES ESTATES, CA 90274  
Total Tanks: 0001  
  
Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00001500  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: None

**E44  
NNW  
1/8-1/4  
0.158 mi.  
834 ft.**

**CAL SWITCH  
13717 S NORMANDIE  
GARDENA, CA 90249  
Site 7 of 7 in cluster E**

**CA SWEEPS UST S101584816  
CA HIST UST N/A  
CA FID UST  
CA LOS ANGELES CO. HMS**

**Relative:  
Higher  
Actual:  
54 ft.**

SWEEPS UST:  
Status: Active  
Comp Number: 16427  
Number: 1  
Board Of Equalization: Not reported  
Referral Date: 02-26-93  
Action Date: 02-26-93  
Created Date: 09-23-91  
Owner Tank Id: 1  
SWRCB Tank Id: 19-000-016427-000001  
Tank Status: A  
Capacity: 2000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAL SWITCH (Continued)**

**S101584816**

Active Date: 09-23-91  
Tank Use: M.V. FUEL  
STG: P  
Content: REG UNLEADED  
Number Of Tanks: 1

**HIST UST:**

File Number: 00027A77  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027A77.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported

Tank Num: Not reported  
Container Num: Not reported  
Year Installed: Not reported  
Tank Capacity: Not reported  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Not reported

Click here for Geo Tracker PDF:

**CA FID UST:**

Facility ID: 19015859  
Regulated By: UTNKA  
Regulated ID: Not reported  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 2135389730  
Mail To: Not reported  
Mailing Address: 13717 S NORMANDIE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: GARDENA 90249  
Contact: Not reported  
Contact Phone: Not reported  
DUNs Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

**LOS ANGELES CO. HMS:**

Region: LA  
Permit Category: T  
Facility Id: 015281-016427  
Facility Type: 0  
Facility Status: Removed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CAL SWITCH (Continued)**

**S101584816**

Area: 2B  
Permit Number: 00006112T  
Permit Status: Removed  
  
Region: LA  
Permit Category: T  
Facility Id: 015281-016427  
Facility Type: 1  
Facility Status: Removed  
Area: 2B  
Permit Number: 0000T6112  
Permit Status: Removed

**I45  
WNW  
1/8-1/4  
0.160 mi.  
844 ft.**

**HI-TEMP FORMING CO  
1505 139TH ST W  
GARDENA, CA 90249  
  
Site 2 of 2 in cluster I**

**CA LUST U003061869  
CA HIST CORTESE N/A**

**Relative:  
Lower  
Actual:  
51 ft.**

**LUST:**  
Lead Agency: LOS ANGELES COUNTY  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603704719](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704719)  
Global Id: T0603704719  
Latitude: 33.906054  
Longitude: -118.302751  
Status: Completed - Case Closed  
Status Date: 10/14/1993  
Case Worker: JOA  
RB Case Number: R-06100  
Local Agency: LOS ANGELES COUNTY  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Aviation  
Site History: Not reported

**LUST:**  
Global Id: T0603704719  
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](mailto:jawujo@dpw.lacounty.gov)  
Phone Number: 6264583507  
  
Global Id: T0603704719  
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](mailto:yrong@waterboards.ca.gov)  
Phone Number: Not reported

**LUST:**  
Global Id: T0603704719

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

HI-TEMP FORMING CO (Continued)

U003061869

Action Type: Other  
Date: 10/14/1993  
Action: Leak Reported

LUST:

Global Id: T0603704719  
Status: Completed - Case Closed  
Status Date: 10/14/1993

Global Id: T0603704719  
Status: Open - Case Begin Date  
Status Date: 10/14/1993

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: R-06100  
Status: Case Closed  
Substance: 1  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Soil  
Abatement Method Used at the Site: Not reported  
Global ID: T0603704719  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: NORMANDIE AVE  
Enforcement Type: Not reported  
Date Leak Discovered: Not reported  
Date Leak First Reported: 10/14/1993  
Date Leak Record Entered: 5/24/1996  
Date Confirmation Began: Not reported  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: 10/14/1993  
Date the Case was Closed: 10/14/1993  
How Leak Discovered: Not reported  
How Leak Stopped: Not reported  
Cause of Leak: Not reported  
Leak Source: Not reported  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 2979.802180666625086253299724  
Source of Cleanup Funding: Not reported  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HI-TEMP FORMING CO (Continued)**

**U003061869**

Hist Max MTBE Conc in Soil:	Not reported
Significant Interim Remedial Action Taken:	Not reported
GW Qualifier:	Not reported
Soil Qualifier:	Not reported
Organization:	Not reported
Owner Contact:	Not reported
Responsible Party:	BLANK RP
RP Address:	333 S LAMDEN DR, BEVERLY HILLS CA 90212
Program:	LUST
Lat/Long:	33.9056052 / -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: R-06100

**46  
 NW  
 1/8-1/4  
 0.165 mi.  
 873 ft.**

**MAJOR FULFILLMENT  
 1455 139TH ST  
 GARDENA, CA 90249**

**RCRA-SQG 1005441100  
 FINDS CAR000115451  
 ECHO  
 CA HAZNET**

**Relative:  
 Lower  
 Actual:  
 52 ft.**

RCRA-SQG:  
 Date form received by agency: 05/03/2002  
 Facility name: MAJOR FULFILLMENT  
 Facility address: 1455 139TH ST  
 GARDENA, CA 90249  
 EPA ID: CAR000115451  
 Contact: JOSE BARRERA  
 Contact address: 1455 139TH ST  
 GARDENA, CA 90249  
 Contact country: US  
 Contact telephone: 310-204-1874  
 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: MAJOR FULFILLMENT INC  
 Owner/operator address: 1455 139TH ST  
 GARDENA, CA 90249  
 Owner/operator country: Not reported  
 Owner/operator telephone: 310-204-1874  
 Owner/operator email: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAJOR FULFILLMENT (Continued)**

**1005441100**

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  
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 WASTE

. Waste code: D018  
. Waste name: BENZENE

. Waste code: D039  
. Waste name: TETRACHLOROETHYLENE

. Waste code: D040  
. Waste name: TRICHLOROETHYLENE

Violation Status: No violations found

**FINDS:**

Registry ID: 110012537772

**Environmental Interest/Information System**

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAJOR FULFILLMENT (Continued)**

**1005441100**

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

ECHO:

Envid: 1005441100  
Registry ID: 110012537772  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110012537772>

HAZNET:

Facility Name: MAJOR FULFILLMENT  
envid: 1005441100  
Year: 2015  
GEPaid: CAR000115451  
Contact: JAMIE FOOTLICK, CONTROLLER  
Telephone: 3103232326  
Mailing Name: Not reported  
Mailing Address: 1455 139th St  
Mailing City,St,Zip: Gardena, CA 902490000  
Gen County: Los Angeles  
TSD EPA ID: NED981723513  
TSD County: 99  
Waste Category: Unspecified organic liquid mixture  
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel  
Tons: 0.55  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: 1005441100  
Year: 2013  
GEPaid: CAR000115451  
Contact: JAMIE FOOTLICK, CONTROLLER  
Telephone: 3103232326  
Mailing Name: Not reported  
Mailing Address: 1455 139th St  
Mailing City,St,Zip: Gardena, CA 902490000  
Gen County: Los Angeles  
TSD EPA ID: TXD077603371  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 0.198  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Not reported

envid: 1005441100  
Year: 2012  
GEPaid: CAR000115451  
Contact: JAMIE FOOTLICK, CONTROLLER  
Telephone: 3103232326  
Mailing Name: Not reported  
Mailing Address: 1455 139th St  
Mailing City,St,Zip: Gardena, CA 902490000  
Gen County: Los Angeles

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAJOR FULFILLMENT (Continued)**

**1005441100**

TSD EPA ID: TXD077603371  
TSD County: 99  
Waste Category: Not reported  
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 0.1785  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: 1005441100  
Year: 2011  
GEPaid: CAR000115451  
Contact: PATRICIA C COOKUS CONTROLLER  
Telephone: 3103232326  
Mailing Name: Not reported  
Mailing Address: 1455 139th St  
Mailing City,St,Zip: Gardena, CA 902490000  
Gen County: Not reported  
TSD EPA ID: TXD077603371  
TSD County: Not reported  
Waste Category: Unspecified organic liquid mixture  
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 0.2  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: 1005441100  
Year: 2008  
GEPaid: CAR000115451  
Contact: PATRICIA C COOKUS CONTROLLER  
Telephone: 3103232326  
Mailing Name: Not reported  
Mailing Address: 1455 139th St  
Mailing City,St,Zip: Gardena, CA 90249  
Gen County: Not reported  
TSD EPA ID: CAD093459485  
TSD County: Not reported  
Waste Category: Unspecified solvent mixture  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.054  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

[Click this hyperlink](#) while viewing on your computer to access 10 additional CA\_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**F47**  
**WSW**  
**1/8-1/4**  
**0.170 mi.**  
**899 ft.**

**WILPAC PLUMBING, INC.**  
**14225 HALLDALE AVE**  
**GARDENA, CA 90249**

**Site 7 of 8 in cluster F**

**CA HIST UST**    **U001563265**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**50 ft.**

**HIST UST:**

File Number: Not reported  
 URL: Not reported  
 Region: STATE  
 Facility ID: 00000041451  
 Facility Type: Other  
 Other Type: CONTRACTOR  
 Contact Name: Not reported  
 Telephone: 2137700742  
 Owner Name: WILPAC PLUMBING, INC.  
 Owner Address: 14225 S. HALLDALE AVENUE  
 Owner City,St,Zip: GARDENA, CA 90249  
 Total Tanks: 0001

Tank Num: 001  
 Container Num: 1  
 Year Installed: Not reported  
 Tank Capacity: 00000900  
 Tank Used for: PRODUCT  
 Type of Fuel: REGULAR  
 Container Construction Thickness: 10  
 Leak Detection: Visual

**F48**  
**WSW**  
**1/8-1/4**  
**0.170 mi.**  
**899 ft.**

**WILPAC PLUMBING INC**  
**14225 S HALLDALE AVENUE**  
**GARDENA, CA 90249**

**Site 8 of 8 in cluster F**

**CA HIST UST**    **S118417142**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**50 ft.**

**HIST UST:**

File Number: 00028877  
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028877.pdf>  
 Region: Not reported  
 Facility ID: Not reported  
 Facility Type: Not reported  
 Other Type: Not reported  
 Contact Name: Not reported  
 Telephone: Not reported  
 Owner Name: Not reported  
 Owner Address: Not reported  
 Owner City,St,Zip: Not reported  
 Total Tanks: Not reported

Tank Num: Not reported  
 Container Num: Not reported  
 Year Installed: Not reported  
 Tank Capacity: Not reported  
 Tank Used for: Not reported  
 Type of Fuel: Not reported  
 Container Construction Thickness: Not reported  
 Leak Detection: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**WILPAC PLUMBING INC (Continued)**

**S118417142**

[Click here for Geo Tracker PDF:](#)

**J49**      **CITY OF GARDENA - ROSCRANS STRIPMALL PROP & FORMER**      **CA CPS-SLIC**      **S113186791**  
**South**      **1312-1346 ROSECRANS AVE**           **N/A**  
**1/8-1/4**      **GARDENA, CA 90247**  
**0.171 mi.**  
**901 ft.**      **Site 1 of 3 in cluster J**

**Relative:**      CPS-SLIC:  
**Lower**      Region:      STATE  
**Actual:**      **Facility Status:**      **Completed - Case Closed**  
**51 ft.**      Status Date:      05/10/2013  
Global Id:      SL0603723593  
Lead Agency:      Not reported  
Lead Agency Case Number:      Not reported  
Latitude:      33.9011609599118  
Longitude:      -118.299842476845  
Case Type:      Cleanup Program Site  
Case Worker:      Not reported  
Local Agency:      Not reported  
RB Case Number:      Not reported  
File Location:      Not reported  
Potential Media Affected:      Not reported  
Potential Contaminants of Concern:      Not reported  
Site History:      The Regional Board's Site Cleanup Program closed the case for 1312-1336 W. Rosecrans Avenue on March 1, 2013. The case for 1346 W. Rosecrans Avenue was transferred to the Regional Board's Underground Storage Tank Program to evaluate potential UST impacts (no UST Program case file was established; all records are in SCP files). Based upon the UST Program's review of the case, final closure was granted on May 10, 2013.

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

**J50**      **CITY OF GARDENA - ROSECRANS STRIP MALL PROPERTY**      **CA CPS-SLIC**      **S106387212**  
**South**      **1312 ROSECRANS**           **N/A**  
**1/8-1/4**      **GARDENA, CA 90247**  
**0.171 mi.**  
**901 ft.**      **Site 2 of 3 in cluster J**

**Relative:**      SLIC REG 4:  
**Lower**      Region:      4  
**Actual:**      Facility Status:      Site Assessment  
**51 ft.**      SLIC:      1090B  
Substance:      Not reported  
Staff:      PGN



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ROSECRANS NORMANDIE STRIP MALL (Continued)

1016352555

Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ROSECRANS NORMANDIE STRIP MALL (Continued)**

**1016352555**

Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Agriculture, auto services, strip mall, oil well
Below Poverty Number:	2287
Below Poverty Percent:	19.2%
Meidan Income:	13198
Meidan Income Number:	5923
Meidan Income Percent:	49.8%
Vacant Housing Number:	353
Vacant Housing Percent:	7.8%
Unemployed Number:	594
Unemployed Percent:	5.0%

**FINDS:**

Registry ID: 110039554434

**Environmental Interest/Information System**

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is a federal online database for Brownfields Grantees to electronically submit data directly to EPA.

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

**K52**  
**North**  
**1/8-1/4**  
**0.172 mi.**  
**910 ft.**

**DAVID ROSE**  
**13706 S NORMANDIE AVE**  
**GARDENA, CA 90249**  
**Site 1 of 2 in cluster K**

**CA SWEEPS UST** **S102062744**  
**CA LOS ANGELES CO. HMS** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**57 ft.**

**SWEEPS UST:**  
 Status: Active  
 Comp Number: 12659  
 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DAVID ROSE (Continued)**

**S102062744**

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

LOS ANGELES CO. HMS:

Region: LA  
Permit Category: Not reported  
Facility Id: 012504-012659  
Facility Type: Not reported  
Facility Status: Removed  
Area: 2B  
Permit Number: Not reported  
Permit Status: Not reported

**K53**  
**North**  
**1/8-1/4**  
**0.205 mi.**  
**1081 ft.**

**CITY EDITIONS LLC**  
**13619 S NORMANDIE**  
**GARDENA, CA 90249**  
**Site 2 of 2 in cluster K**

**RCRA-SQG 1001217385**  
**FINDS CAR000033332**  
**ECHO**  
**CA HAZNET**

**Relative:**  
**Higher**  
**Actual:**  
**57 ft.**

RCRA-SQG:  
Date form received by agency: 10/30/1997  
Facility name: CITY EDITIONS LLC  
Facility address: 13619 S NORMANDIE  
GARDENA, CA 90249  
EPA ID: CAR000033332  
Contact: TOBY MAZZIE  
Contact address: 13619 S NORMANDIE  
GARDENA, CA 90249  
Contact country: US  
Contact telephone: 310-851-9484  
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: CITY EDITION LLC  
Owner/operator address: 13619 S NORMANDIE  
GARDENA, CA 90249  
Owner/operator country: Not reported  
Owner/operator telephone: 310-851-9484  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY EDITIONS LLC (Continued)**

**1001217385**

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: D001  
. Waste name: IGNITABLE WASTE

. Waste code: D018  
. Waste name: BENZENE

. Waste code: F005  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Violation Status: No violations found

FINDS:

Registry ID: 110002919824

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid: 1001217385  
Registry ID: 110002919824  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002919824>

HAZNET:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CITY EDITIONS LLC (Continued)**

**1001217385**

Facility Name: CITY EDITIONS LLC  
envid: 1001217385  
Year: 1998  
GEPaid: CAR000033332  
Contact: CITY EDITION LLC  
Telephone: 3108519484  
Mailing Name: Not reported  
Mailing Address: 13619 S NORMANDIE  
Mailing City,St,Zip: GARDENA, CA 902490000  
Gen County: Not reported  
TSD EPA ID: CAT000613893  
TSD County: Not reported  
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)  
Disposal Method: Transfer Station  
Tons: .0120  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

**L54**  
**South**  
**1/8-1/4**  
**0.226 mi.**  
**1191 ft.**

**NEWFIELD**  
**14504 SOUTH NORMANDIE AVENUE**  
**GARDENA, CA 92047**

**CA SWEEPS UST**  
**CA HIST UST**  
**CA LOS ANGELES CO. HMS**  
**CA NPDES**  
**U001563099**  
**N/A**

**Site 1 of 2 in cluster L**

**Relative:**  
**Lower**  
**Actual:**  
**52 ft.**

**SWEEPS UST:**  
Status: Active  
Comp Number: 12846  
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: 0002728A  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002728A.pdf>  
Region: STATE  
Facility ID: 0000055627  
Facility Type: Other  
Other Type: WHOLESALE NURSERY GR  
Contact Name: Not reported  
Telephone: 2135381810  
Owner Name: KABANA NURSERY, INC.  
Owner Address: 14504 S. NORMANDIE AVE.  
Owner City,St,Zip: GARDENA, CA 90247  
Total Tanks: 0002

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWFIELD (Continued)**

**U001563099**

Tank Num: 001  
Container Num: EAST-2  
Year Installed: 1980  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 001  
Container Num: 1  
Year Installed: 1980  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual

Tank Num: 001  
Container Num: 1  
Year Installed: 1980  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual

Tank Num: 001  
Container Num: EAST-2  
Year Installed: 1980  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: 2  
Year Installed: 1980  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual

Tank Num: 002  
Container Num: 2  
Year Installed: 1980  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual

Tank Num: 002  
Container Num: WEST-1  
Year Installed: 1980

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWFIELD (Continued)**

**U001563099**

Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: WEST-1  
Year Installed: 1980  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

**LOS ANGELES CO. HMS:**

Region: LA  
Permit Category: T  
Facility Id: 012676-012846  
Facility Type: 0  
Facility Status: Removed  
Area: 2B  
Permit Number: 00004638T  
Permit Status: Removed

**NPDES:**

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 19C375112  
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: 09/24/2018  
Operator Name: KB Home  
Operator Address: 36310 Inland Valley Dr  
Operator City: Wildomar  
Operator State: California  
Operator Zip: 92595

**NPDES as of 03/2018:**

NPDES Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWFIELD (Continued)**

**U001563099**

Status:	Not reported
Agency Number:	Not reported
Region:	4
Regulatory Measure ID:	467963
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	4 19C375112
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:	01/14/2016
Processed Date:	01/20/2016
Status:	Active
Status Date:	01/20/2016
Place Size:	4.69
Place Size Unit:	Acres
Contact:	Ron Mertz
Contact Title:	Not reported
Contact Phone:	661-219-6880
Contact Phone Ext:	Not reported
Contact Email:	jodi@h2ologged.com
Operator Name:	KB Home
Operator Address:	36310 Inland Valley Dr
Operator City:	Wildomar
Operator State:	California
Operator Zip:	92595
Operator Contact:	Ron Mertz
Operator Contact Title:	Not reported
Operator Contact Phone:	661-219-6880
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	rmertz@kbhome.com
Operator Type:	Private Business
Developer:	KB Home
Developer Address:	36310 Inland Valley Dr
Developer City:	Wildomar
Developer State:	California
Developer Zip:	92595
Developer Contact:	Ron Mertz
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	N
Emergency Phone:	951-704-6165
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWFIELD (Continued)**

**U001563099**

Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	Y
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:	Dominguez Channel
Certifier:	Ron Mertz
Certifier Title:	Vice President Forward Planning
Certification Date:	14-JAN-16
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	467963
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19C375112
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/20/2016
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	KB Home
Discharge Address:	36310 Inland Valley Dr
Discharge City:	Wildomar
Discharge State:	California
Discharge Zip:	92595
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWFIELD (Continued)**

**U001563099**

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: Terminated  
NPDES Number: CAS000002  
Region: 4  
Agency Number: 0  
Regulatory Measure ID: 467963  
Place ID: Not reported  
Order Number: 2009-0009-DWQ  
WDID: 4 19C375112  
Regulatory Measure Type: Enrollee  
Program Type: Construction  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 01/20/2016  
Termination Date Of Regulatory Measure: 07/09/2018  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 36310 Inland Valley Dr  
Discharge Name: KB Home  
Discharge City: Wildomar  
Discharge State: California  
Discharge Zip: 92595

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWFIELD (Continued)**

**U001563099**

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:	467963
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	4 19C375112
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:	01/14/2016
Processed Date:	01/20/2016
Status:	Active
Status Date:	01/20/2016
Place Size:	4.69
Place Size Unit:	Acres
Contact:	Ron Mertzel
Contact Title:	Not reported
Contact Phone:	661-219-6880
Contact Phone Ext:	Not reported
Contact Email:	jodi@h2ologged.com
Operator Name:	KB Home
Operator Address:	36310 Inland Valley Dr
Operator City:	Wildomar
Operator State:	California
Operator Zip:	92595
Operator Contact:	Ron Mertzel
Operator Contact Title:	Not reported
Operator Contact Phone:	661-219-6880
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	rmertzel@kbhome.com
Operator Type:	Private Business
Developer:	KB Home
Developer Address:	36310 Inland Valley Dr
Developer City:	Wildomar
Developer State:	California
Developer Zip:	92595
Developer Contact:	Ron Mertzel
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NEWFIELD (Continued)**

**U001563099**

Emergency Phone:	951-704-6165
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:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	Y
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:	Dominguez Channel
Certifier:	Ron Mertz
Certifier Title:	Vice President Forward Planning
Certification Date:	14-JAN-16
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	467963
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19C375112
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	01/20/2016
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	KB Home
Discharge Address:	36310 Inland Valley Dr
Discharge City:	Wildomar
Discharge State:	California
Discharge Zip:	92595
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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NEWFIELD (Continued)**

**U001563099**

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

**L55**  
**South**  
**1/8-1/4**  
**0.226 mi.**  
**1191 ft.**

**NURSERY PROPERTY**  
**14504 S. NORMANDIE AVENUE**  
**GARDENA, CA 90247**  
**Site 2 of 2 in cluster L**

**US BROWNFIELDS** **1016352488**  
**FINDS** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**52 ft.**

**US BROWNFIELDS:**  
 Property Name: NURSERY PROPERTY  
 Recipient Name: Gardena, City of  
 Grant Type: Assessment  
 Property Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NURSERY PROPERTY (Continued)**

**1016352488**

Parcel size:	Not reported
Latitude:	33.900105
Longitude:	-118.300278
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	14371
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completion Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	Not reported
Assessment Funding Source:	Not reported
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Grant Type:	N/A
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	98976301
Start Date:	06/30/2001 00:00:00
Ownership Entity:	Not reported
Completion Date:	06/30/2001 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	Not reported
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NURSERY PROPERTY (Continued)**

**1016352488**

Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NURSERY PROPERTY (Continued)**

**1016352488**

Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	2422
Below Poverty Percent:	19.9%
Meidan Income:	11817
Meidan Income Number:	6070
Meidan Income Percent:	49.9%
Vacant Housing Number:	347
Vacant Housing Percent:	7.6%
Unemployed Number:	616
Unemployed Percent:	5.1%

**FINDS:**

Registry ID: 110039552533

**Environmental Interest/Information System**

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

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

56  
 SW  
 1/8-1/4  
 0.240 mi.  
 1267 ft.

**1-DAY PAINT & BODY CENTERS INC**  
**1522 W ROSECRANS AVE**  
**GARDENA, CA 90249**

**RCRA-SQG 1000161047**  
**FINDS CAD981400229**  
**ECHO**  
**CA EMI**  
**CA LOS ANGELES CO. HMS**

**Relative:**  
**Lower**

**RCRA-SQG:**

**Actual:**  
**50 ft.**

Date form received by agency:	09/01/1996
Facility name:	1-DAY PAINT AND BODY CENTERS INC
Facility address:	1522 W ROSECRANS AVE GARDENA, CA 90249
EPA ID:	CAD981400229
Mailing address:	PO BOX 3037 TORRANCE, CA 90510
Contact:	Not reported
Contact address:	Not reported
Contact country:	US
Contact telephone:	Not reported
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**1-DAY PAINT & BODY CENTERS INC (Continued)**

**1000161047**

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: 1-DAY PAINT AND BODY CENTERS INC  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/25/1986  
Site name: 1-DAY PAINT AND BODY CENTERS INC  
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**1-DAY PAINT & BODY CENTERS INC (Continued)**

**1000161047**

Registry ID: 110002694335

Environmental Interest/Information System  
HAZARDOUS AIR POLLUTANT MAJOR

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid: 1000161047  
Registry ID: 110002694335  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002694335>

EMI:

Year: 1993  
County Code: 19  
Air Basin: SC  
Facility ID: 9853  
Air District Name: SC  
SIC Code: 7532  
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: 6  
Reactive Organic Gases Tons/Yr: 5  
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: 1995  
County Code: 19  
Air Basin: SC  
Facility ID: 9853  
Air District Name: SC  
SIC Code: 7532  
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: 6  
Reactive Organic Gases Tons/Yr: 5  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**1-DAY PAINT & BODY CENTERS INC (Continued)**

**1000161047**

Year: 1997  
County Code: 19  
Air Basin: SC  
Facility ID: 9853  
Air District Name: SC  
SIC Code: 7532  
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: 1998  
County Code: 19  
Air Basin: SC  
Facility ID: 9853  
Air District Name: SC  
SIC Code: 7532  
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: 1999  
County Code: 19  
Air Basin: SC  
Facility ID: 9853  
Air District Name: SC  
SIC Code: 7532  
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: 2000  
County Code: 19  
Air Basin: SC  
Facility ID: 9853  
Air District Name: SC  
SIC Code: 7532

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**1-DAY PAINT & BODY CENTERS INC (Continued)**

**1000161047**

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: 2001  
County Code: 19  
Air Basin: SC  
Facility ID: 9853  
Air District Name: SC  
SIC Code: 7532  
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

**LOS ANGELES CO. HMS:**

Region: LA  
Permit Category: Not reported  
Facility Id: 025129-063674  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 2B  
Permit Number: Not reported  
Permit Status: Not reported

**M57  
NW  
1/8-1/4  
0.244 mi.  
1288 ft.**

**CHARLES E THOMAS CO INC  
13701 S ALMA AVE  
GARDENA, CA 90249  
Site 1 of 2 in cluster M**

**RCRA-SQG 1000364190  
CA SWEEPS UST CAD047417894  
CA HIST UST  
CA FID UST  
FINDS  
ECHO  
CA LOS ANGELES CO. HMS**

**Relative:  
Lower**

**Actual:  
51 ft.**

RCRA-SQG:  
Date form received by agency:09/10/1985  
Facility name: CHARLES E THOMAS CO INC  
Facility address: 13701 S ALMA AVE  
GARDENA, CA 90249  
EPA ID: CAD047417894  
Contact: ENVIRONMENTAL MANAGER  
Contact address: 13701 S ALMA AVE  
GARDENA, CA 90249  
Contact country: US  
Contact telephone: 213-321-8420

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLES E THOMAS CO INC (Continued)**

**1000364190**

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: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: Yes  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Violation Status: No violations found

SWEEPS UST:

Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLES E THOMAS CO INC (Continued)**

**1000364190**

Comp Number: 6415  
Number: 9  
Board Of Equalization: 44-008071  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006415-000001  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: 3

Status: Active  
Comp Number: 6415  
Number: 9  
Board Of Equalization: 44-008071  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006415-000002  
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: 6415  
Number: 9  
Board Of Equalization: 44-008071  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-006415-000003  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: Not reported

**HIST UST:**

File Number: 00026B1B  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026B1B.pdf>  
Region: STATE  
Facility ID: 00000017596  
Facility Type: Other  
Other Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLES E THOMAS CO INC (Continued)**

**1000364190**

Contact Name: JERRY A. THOMAS  
Telephone: 2133218420  
Owner Name: CHARLES E. THOMAS COMPANY  
Owner Address: 13701 SOUTH ALMA AVENUE  
Owner City,St,Zip: GARDENA, CA 90249  
Total Tanks: 0003

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00009940  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor, Pressure Test

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00009940  
Tank Used for: PRODUCT  
Type of Fuel: PREMIUM  
Container Construction Thickness: UNK  
Leak Detection: Visual, Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: 1978  
Tank Capacity: 00002000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

[Click here for Geo Tracker PDF:](#)

CA FID UST:

Facility ID: 19028089  
Regulated By: UTNKA  
Regulated ID: 00017596  
Cortese Code: Not reported  
SIC Code: Not reported  
Facility Phone: 8180000000  
Mail To: Not reported  
Mailing Address: 13701 S ALMA AVE  
Mailing Address 2: Not reported  
Mailing City,St,Zip: GARDENA  
Contact: Not reported  
Contact Phone: Not reported  
DUNS Number: Not reported  
NPDES Number: Not reported  
EPA ID: Not reported  
Comments: Not reported  
Status: Active

FINDS:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLES E THOMAS CO INC (Continued)**

**1000364190**

Registry ID: 110002646842

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

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

ECHO:

Envid: 1000364190  
Registry ID: 110002646842  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002646842>

LOS ANGELES CO. HMS:

Region: LA  
Permit Category: I  
Facility Id: 006199-106415  
Facility Type: 02  
Facility Status: Permit  
Area: 2B  
Permit Number: 000006473  
Permit Status: Permit

Region: LA  
Permit Category: T  
Facility Id: 006199-006415  
Facility Type: 0  
Facility Status: Removed  
Area: 2B  
Permit Number: 00001954T  
Permit Status: Removed

**M58  
NW  
1/8-1/4  
0.244 mi.  
1288 ft.**

**CHARLES THOMAS CO.  
13701 ALMA AVE. S.  
GARDENA, CA 90249  
Site 2 of 2 in cluster M**

**CA LUST S106567299  
N/A**

**Relative:  
Lower  
Actual:  
51 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=T0603780503](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603780503)  
Global Id: T0603780503  
Latitude: 33.907142

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLES THOMAS CO. (Continued)**

**S106567299**

Longitude: -118.303491  
Status: Completed - Case Closed  
Status Date: 03/12/2018  
Case Worker: AT  
RB Case Number: R-06415  
Local Agency: LOS ANGELES COUNTY  
File Location: Regional Board  
Local Case Number: 06199-06415  
Potential Media Affect: Aquifer used for drinking water supply, Soil  
Potential Contaminants of Concern: Gasoline, Stoddard solvent / Mineral Sprirts / Distillates  
Site History: Not reported

**LUST:**

Global Id: T0603780503  
Contact Type: Regional Board Caseworker  
Contact Name: ARMAN TOUMARI  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 WEST 4TH STREET, SUITE 200  
City: LOS ANGELES  
Email: atoumari@waterboards.ca.gov  
Phone Number: 2135766708

Global Id: T0603780503  
Contact Type: Local Agency Caseworker  
Contact Name: TIM SMITH  
Organization Name: LOS ANGELES COUNTY  
Address: 900 S. FREMONT AVE.  
City: ALHAMBRA  
Email: tsmith@dpw.lacounty.gov  
Phone Number: Not reported

**LUST:**

Global Id: T0603780503  
Action Type: ENFORCEMENT  
Date: 10/08/2015  
Action: Staff Letter

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 07/15/2017  
Action: Monitoring Report - Semi-Annually

Global Id: T0603780503  
Action Type: ENFORCEMENT  
Date: 09/16/2008  
Action: Notice to Comply

Global Id: T0603780503  
Action Type: Other  
Date: 12/23/1999  
Action: Leak Reported

Global Id: T0603780503  
Action Type: ENFORCEMENT  
Date: 03/16/2017  
Action: Staff Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLES THOMAS CO. (Continued)**

**S106567299**

Global Id:	T0603780503
Action Type:	RESPONSE
Date:	01/15/2013
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603780503
Action Type:	RESPONSE
Date:	07/15/2013
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603780503
Action Type:	ENFORCEMENT
Date:	05/13/2010
Action:	Staff Letter
Global Id:	T0603780503
Action Type:	RESPONSE
Date:	09/28/2015
Action:	Other Workplan - Regulator Responded
Global Id:	T0603780503
Action Type:	RESPONSE
Date:	09/25/2015
Action:	Request for Closure - Regulator Responded
Global Id:	T0603780503
Action Type:	RESPONSE
Date:	03/13/2017
Action:	Soil Vapor Intrusion Investigation Workplan - Regulator Responded
Global Id:	T0603780503
Action Type:	ENFORCEMENT
Date:	12/17/2015
Action:	Staff Letter
Global Id:	T0603780503
Action Type:	RESPONSE
Date:	01/15/2014
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603780503
Action Type:	ENFORCEMENT
Date:	11/30/2010
Action:	Staff Letter
Global Id:	T0603780503
Action Type:	ENFORCEMENT
Date:	04/17/2012
Action:	Staff Letter
Global Id:	T0603780503
Action Type:	ENFORCEMENT
Date:	03/12/2018
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0603780503
Action Type:	ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLES THOMAS CO. (Continued)**

**S106567299**

Date: 03/12/2018  
Action: Closure/No Further Action Letter

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 01/15/2015  
Action: Monitoring Report - Semi-Annually

Global Id: T0603780503  
Action Type: ENFORCEMENT  
Date: 10/18/2017  
Action: Notification - Preclosure

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Soil and Water Investigation Workplan

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 01/15/2016  
Action: Monitoring Report - Semi-Annually

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 04/15/2017  
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 07/15/2012  
Action: Monitoring Report - Semi-Annually

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 01/15/2011  
Action: Well Installation Report

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 01/15/2017  
Action: Monitoring Report - Semi-Annually

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 01/15/2016  
Action: Soil and Water Investigation Report

Global Id: T0603780503  
Action Type: Other  
Date: 12/23/1999  
Action: Leak Discovery

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 07/15/2011  
Action: Monitoring Report - Semi-Annually

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHARLES THOMAS CO. (Continued)**

**S106567299**

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 10/15/2015  
Action: Monitoring Report - Semi-Annually

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Other Report / Document

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 07/15/2016  
Action: Monitoring Report - Semi-Annually

Global Id: T0603780503  
Action Type: RESPONSE  
Date: 08/05/2016  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603780503  
Action Type: ENFORCEMENT  
Date: 09/28/2004  
Action: Staff Letter

**LUST:**

Global Id: T0603780503  
Status: Completed - Case Closed  
Status Date: 03/12/2018

Global Id: T0603780503  
Status: Open - Case Begin Date  
Status Date: 12/23/1999

Global Id: T0603780503  
Status: Open - Eligible for Closure  
Status Date: 07/03/2017

Global Id: T0603780503  
Status: Open - Remediation  
Status Date: 04/17/2012

Global Id: T0603780503  
Status: Open - Site Assessment  
Status Date: 12/23/1999

Global Id: T0603780503  
Status: Open - Site Assessment  
Status Date: 05/13/2010

Global Id: T0603780503  
Status: Open - Site Assessment  
Status Date: 11/30/2010

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**N59**      **PEABOY ENGINEERING & SUPPLY**  
**NW**      **13618 ALMA AVE**  
**1/4-1/2**    **GARDENA, CA 90249**  
**0.265 mi.**  
**1399 ft.**    **Site 1 of 2 in cluster N**

**CA LUST**    **S105032838**  
**CA LOS ANGELES CO. HMS**    **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**53 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=T0603704072](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704072)  
Global Id:                        T0603704072  
Latitude:                        33.907826  
Longitude:                      -118.302795  
Status:                         Completed - Case Closed  
Status Date:                    12/23/1996  
Case Worker:                    YR  
RB Case Number:                I-13514  
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:                        T0603704072  
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:                        T0603704072  
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:                        T0603704072  
Action Type:                    Other  
Date:                              06/28/1988  
Action:                          Leak Reported

**LUST:**  
Global Id:                        T0603704072  
Status:                          Completed - Case Closed  
Status Date:                    12/23/1996

Global Id:                        T0603704072  
Status:                          Open - Case Begin Date  
Status Date:                    06/28/1988

Global Id:                        T0603704072

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEABOY ENGINEERING & SUPPLY (Continued)**

**S105032838**

Status: Open - Verification Monitoring  
Status Date: 10/07/1993

**LUST REG 4:**

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-13514  
Status: Case Closed  
Substance: Gasoline  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: Not reported  
Global ID: T0603704072  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: 135TH  
Enforcement Type: Not reported  
Date Leak Discovered: Not reported  
Date Leak First Reported: 6/28/1988  
Date Leak Record Entered: 7/1/1988  
Date Confirmation Began: Not reported  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: 5/31/1997  
Date the Case was Closed: 12/23/1996  
How Leak Discovered: Not reported  
How Leak Stopped: Not reported  
Cause of Leak: Not reported  
Leak Source: Not reported  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 2813.9091681038670849466748254  
Source of Cleanup Funding: Not reported  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: 10/7/1993  
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: PEABODY ENGINEERING & SUPPLY  
RP Address: 13618 S ALMA AVE, GARDENA, CA 90249  
Program: LUST  
Lat/Long: 33.9082112 / -1  
Local Agency Staff: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**PEABOY ENGINEERING & SUPPLY (Continued)**

**S105032838**

Beneficial Use:	Not reported	
Priority:	Not reported	
Cleanup Fund Id:	Not reported	
Suspended:	Not reported	
Assigned Name:	Not reported	
Summary:	09/20/96 QUARTER GW MONITORING REPORT REPORT ON WELL ABANDONMENT	05/31/97

LOS ANGELES CO. HMS:

Region:	LA
Permit Category:	Not reported
Facility Id:	024261-033611
Facility Type:	Not reported
Facility Status:	OPEN
Area:	2B
Permit Number:	Not reported
Permit Status:	Not reported

**N60**  
**NW**  
**1/4-1/2**  
**0.265 mi.**  
**1399 ft.**

**PEABODY ENGINEERING & SUP**  
**13618 ALMA**  
**GARDENA, CA 90249**  
**Site 2 of 2 in cluster N**

**CA HIST UST** **U001563246**  
**CA HIST CORTESE** **N/A**

**Relative:**  
**Higher**  
**Actual:**  
**53 ft.**

<b>HIST UST:</b>	
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000005534
Facility Type:	Other
Other Type:	PIPE & SUPPLY
Contact Name:	G. W. BANCROFT
Telephone:	2133216636
Owner Name:	PEABODY ENGINEERING & SUPPLY,
Owner Address:	13618 S. ALMA AVE.
Owner City,St,Zip:	GARDENA, CA 90249
Total Tanks:	0003
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00004970
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00004970
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PEABODY ENGINEERING & SUP (Continued)**

**U001563246**

Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: None

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-13514

61  
NNW  
1/4-1/2  
0.358 mi.  
1890 ft.

**ESTATE OF BERTRUM CEDILLOS**  
**13438 HALLDALE AVENUE**  
**GARDENA, CA 90249**

**CA LUST S112186518**  
**CA CPS-SLIC N/A**

**Relative:**  
**Higher**  
**Actual:**  
**63 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=T10000004363](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004363)  
Global Id: T10000004363  
Latitude: 33.909617  
Longitude: -118.301934  
Status: Completed - Case Closed  
Status Date: 07/01/2014  
Case Worker: YL  
RB Case Number: R-56890  
Local Agency: LOS ANGELES COUNTY  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Other Groundwater (uses other than drinking water)  
Potential Contaminants of Concern: Ethylbenzene, Gasoline, Toluene, Xylene  
Site History: Not reported

**LUST:**

Global Id: T10000004363  
Contact Type: Local Agency Caseworker  
Contact Name: ALBERTO GRAJEDA  
Organization Name: LOS ANGELES COUNTY  
Address: 900 S. FREMONT AVE.  
City: ALHAMBRA  
Email: [algrajeda@dpw.lacounty.gov](mailto:algrajeda@dpw.lacounty.gov)  
Phone Number: Not reported

Global Id: T10000004363  
Contact Type: Regional Board Caseworker  
Contact Name: YI LU  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: Not reported  
City: R4 UNKNOWN  
Email: [ylu@waterboards.ca.gov](mailto:ylu@waterboards.ca.gov)  
Phone Number: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE OF BERTRUM CEDILLOS (Continued)**

**S112186518**

LUST:

Global Id:	T10000004363
Action Type:	Other
Date:	07/10/2012
Action:	Leak Stopped
Global Id:	T10000004363
Action Type:	RESPONSE
Date:	03/25/2013
Action:	Other Report / Document
Global Id:	T10000004363
Action Type:	RESPONSE
Date:	03/04/2013
Action:	Site Assessment Report
Global Id:	T10000004363
Action Type:	RESPONSE
Date:	12/13/2012
Action:	Soil and Water Investigation Workplan - Regulator Responded
Global Id:	T10000004363
Action Type:	Other
Date:	10/15/2012
Action:	Leak Reported
Global Id:	T10000004363
Action Type:	ENFORCEMENT
Date:	02/25/2013
Action:	Staff Letter
Global Id:	T10000004363
Action Type:	ENFORCEMENT
Date:	12/03/2012
Action:	Staff Letter - #C730350
Global Id:	T10000004363
Action Type:	ENFORCEMENT
Date:	01/28/2013
Action:	Referral to Regional Board - #000734954
Global Id:	T10000004363
Action Type:	ENFORCEMENT
Date:	05/01/2014
Action:	Notification - Preclosure
Global Id:	T10000004363
Action Type:	ENFORCEMENT
Date:	07/01/2014
Action:	Closure/No Further Action Letter
Global Id:	T10000004363
Action Type:	Other
Date:	07/10/2012
Action:	Leak Began
Global Id:	T10000004363

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ESTATE OF BERTRUM CEDILLOS (Continued)**

**S112186518**

Action Type: Other  
Date: 07/10/2012  
Action: Leak Discovery

**LUST:**

Global Id: T10000004363  
Status: Completed - Case Closed  
Status Date: 07/01/2014

Global Id: T10000004363  
Status: Open - Case Begin Date  
Status Date: 07/10/2012

Global Id: T10000004363  
Status: Open - Eligible for Closure  
Status Date: 07/15/2013

Global Id: T10000004363  
Status: Open - Site Assessment  
Status Date: 10/15/2012

**CPS-SLIC:**

Region: STATE  
**Facility Status: Open - Inactive**  
Status Date: 03/03/2015  
Global Id: T10000006524  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.909617  
Longitude: -118.301934  
Case Type: Cleanup Program Site  
Case Worker: AGH  
Local Agency: Not reported  
RB Case Number: 1322  
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:](#)

**O62 TAMCO ENTERPRISES**  
**NNW 1531 W 135TH ST**  
**1/4-1/2 GARDENA, CA 90249**  
**0.376 mi.**  
**1987 ft. Site 1 of 5 in cluster O**

**CA LUST U001563261**  
**CA HIST UST N/A**

**Relative:  
Higher**

**LUST:**

**Actual:  
56 ft.**

Lead Agency: SWRCB  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603729356](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603729356)  
Global Id: T0603729356  
Latitude: 33.909423  
Longitude: -118.303625  
Status: Completed - Case Closed  
Status Date: 03/08/2016

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TAMCO ENTERPRISES (Continued)**

**U001563261**

Case Worker: MC  
RB Case Number: Not reported  
Local Agency: LOS ANGELES COUNTY  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Diesel, Gasoline  
Site History: Not reported

LUST:

Global Id: T0603729356  
Contact Type: Local Agency Caseworker  
Contact Name: KATTYA BATRES RINZE  
Organization Name: LOS ANGELES COUNTY  
Address: 900 SOUTH FREMONT AVE  
City: ALHAMBRA  
Email: gbatres@dpw.lacounty.gov  
Phone Number: Not reported

Global Id: T0603729356  
Contact Type: Regional Board Caseworker  
Contact Name: MATTHEW COHEN  
Organization Name: SWRCB  
Address: 1001 I Street  
City: SACRAMENTO  
Email: mcohen@waterboards.ca.gov  
Phone Number: 9163415751

LUST:

Global Id: T0603729356  
Action Type: Other  
Date: 01/29/1999  
Action: Leak Reported

Global Id: T0603729356  
Action Type: ENFORCEMENT  
Date: 03/08/2016  
Action: Closure/No Further Action Letter

Global Id: T0603729356  
Action Type: REMEDIATION  
Date: 07/10/2007  
Action: Not reported

Global Id: T0603729356  
Action Type: ENFORCEMENT  
Date: 05/29/2013  
Action: Referral to Regional Board

Global Id: T0603729356  
Action Type: ENFORCEMENT  
Date: 12/19/2014  
Action: Notification - Public Notice of Case Closure

Global Id: T0603729356  
Action Type: ENFORCEMENT  
Date: 09/02/2015

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**TAMCO ENTERPRISES (Continued)**

**U001563261**

Action: State Water Board Closure Order  
  
Global Id: T0603729356  
Action Type: Other  
Date: 12/11/1998  
Action: Leak Discovery

**LUST:**

Global Id: T0603729356  
Status: Completed - Case Closed  
Status Date: 03/08/2016

Global Id: T0603729356  
Status: Open - Case Begin Date  
Status Date: 12/11/1998

Global Id: T0603729356  
Status: Open - Eligible for Closure  
Status Date: 11/30/2014

Global Id: T0603729356  
Status: Open - Site Assessment  
Status Date: 07/10/2007

**HIST UST:**

File Number: Not reported  
URL: Not reported  
Region: STATE  
Facility ID: 00000050843  
Facility Type: Other  
Other Type: SELF-TRUCKING  
Contact Name: RICHARD C BURWICK  
Telephone: 2133211310  
Owner Name: RICHARD C BURWICK  
Owner Address: 1531 W 135 ST  
Owner City,St,Zip: GARDENA, CA 90249  
Total Tanks: 0002

Tank Num: 001  
Container Num: DU-7500-FH  
Year Installed: 1967  
Tank Capacity: 00007500  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

Tank Num: 002  
Container Num: DU-3000-F4  
Year Installed: 1967  
Tank Capacity: 00003000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: None

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
<b>63</b> <b>ENE</b> <b>1/4-1/2</b> <b>0.380 mi.</b> <b>2004 ft.</b>  <b>Relative:</b> <b>Higher</b>  <b>Actual:</b> <b>74 ft.</b>	<b>E. S. SCHULTZ</b> <b>13801 SOUTH VERMONT AVENUE</b> <b>GARDENA, CA</b>  LOS ANGELES CO. LF: Site ID: 1932 Alt. Address: 13833 South Vermont Avenue, Gardena, CA 90247; 13901 South Vermont Avenue, Gardena, CA Site Contact: Not reported Site Contact Phone: Not reported Site Email: Not reported Site Website: Not reported Site Type: Unknown Site SWIS Number: 19-AA-5212 Beginning Operation Date: Not reported Ending Operation Date: Not reported Local Enforcement Agency: Not reported Maximun Depth Fill(Ft): Not reported Permitted Capacity: Not reported Present Use: Commercial; Residential Remaining Capacity(Million): Not reported Status: Closed Waste Accepted: Not reported Hours of Operation: Not reported Disposal Area (Acre): Not reported  Detail As Of 01/2014: Operator Name: Unknown Operator Address: Not reported Operator City/State/Zip: Not reported Operator Contact: Not reported Operator Telephone: Not reported Operator Email: Not reported Owner Name: Monterainbow LTD. Owner Address: 18411 CRENSHAW BLVD #700 Owner City/State/Zip: TORRANCE, CA 90504 Owner Contact: Not reported Owner Telephone: Not reported Owner Email: Not reported	<b>CA SWF/LF</b>	<b>S111075890</b> <b>N/A</b>
<b>O64</b> <b>NW</b> <b>1/4-1/2</b> <b>0.381 mi.</b> <b>2010 ft.</b>  <b>Relative:</b> <b>Lower</b>  <b>Actual:</b> <b>52 ft.</b>	<b>HITCO CARBON COMPOSITES INC</b> <b>1600 WEST 135TH STREET</b> <b>GARDENA, CA 90249</b>  <b>Site 2 of 5 in cluster O</b>  CPS-SLIC: Region: STATE <b>Facility Status: Open - Remediation</b> Status Date: 12/07/2017 Global Id: SL204791669 Lead Agency: LOS ANGELES RWQCB (REGION 4) Lead Agency Case Number: Not reported Latitude: 33.9088579744911 Longitude: -118.304498791694 Case Type: Cleanup Program Site Case Worker: NLA Local Agency: Not reported RB Case Number: 0470A	<b>CA CPS-SLIC</b> <b>CA HIST UST</b> <b>CA ENF</b> <b>CA WDR</b> <b>CA CIWQS</b>	<b>S106483988</b> <b>N/A</b>

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**S106483988**

File Location: Regional Board  
Potential Media Affected: Aquifer used for drinking water supply, Indoor Air, Other Groundwater (uses other than drinking water), Sediments, Soil, Soil Vapor, Under Investigation  
Potential Contaminants of Concern: Not reported  
Site History: The site is manufacturer of carbon composite materials. A release of chlorinated volatile organic compounds has occurred, impacting soil and groundwater. The primary contaminants in groundwater are PCE and TCE with concentrations exceeding 100,000 ug/L in groundwater. Groundwater has been impacted to a depth of at least 100 feet below the ground surface. Groundwater impact extends off-site to the south/southwest for a distance of at least one city block. Investigations are underway to evaluate the full extent of groundwater impact, including potential impact to the upper-most drinking water aquifer (the Gage aquifer). In addition, a pilot study bioremediation project is being performed to evaluate the use of microorganisms to remediation groundwater associated with the site.

Click here to access the California GeoTracker records for this facility:

**HIST UST:**

File Number: 00026E2E  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026E2E.pdf>  
Region: Not reported  
Facility ID: Not reported  
Facility Type: Not reported  
Other Type: Not reported  
Contact Name: Not reported  
Telephone: Not reported  
Owner Name: Not reported  
Owner Address: Not reported  
Owner City,St,Zip: Not reported  
Total Tanks: Not reported  
  
Tank Num: Not reported  
Container Num: Not reported  
Year Installed: Not reported  
Tank Capacity: Not reported  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Not reported

Click here for Geo Tracker PDF:

**ENF:**

Region: 4  
Facility Id: 231758  
Agency Name: Hitco Carbon Composites, Inc.  
Place Type: Facility  
Place Subtype: Groundwater Cleanup Site  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 33.9075  
Place Longitude: -118.30556

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**S106483988**

SIC Code 1:	3089
SIC Desc 1:	Plastics Products, NEC
SIC Code 2:	3728
SIC Desc 2:	Aircraft Parts and Auxiliary Equipment, NEC
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.016
Threat To Water Quality:	3
Complexity:	C
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Cooling water: Noncontact
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDPNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192128001
Reg Measure Id:	147977
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	R4-2001-0041
Npdes# CA#:	CA0059048
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	03/29/2001
Effective Date:	03/29/2001
Expiration/Review Date:	02/10/2006
Termination Date:	04/24/2002
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	241884
Region:	4
Order / Resolution Number:	R4-2002-0066
Enforcement Action Type:	Admin Civil Liability

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**S106483988**

Effective Date: 04/16/2002  
Adoption/Issuance Date: Not reported  
Achieve Date: Not reported  
Termination Date: 05/06/2002  
ACL Issuance Date: 04/16/2002  
EPL Issuance Date: Not reported  
Status: Historical  
Title: MMPC R4-2002-0066 - Hitco Carbon Composites, Inc., Hitco/Defense (04/16/02)  
Description: Mandatory Minimum Penalty Complaint R4-2002-0066 for \$24,000 sent 4/16/02 for permit effluent violations.  
Program: NPDNONMUNIPRCS  
Latest Milestone Completion Date: 2002-12-12  
# Of Programs1: 1  
Total Assessment Amount: 24000  
Initial Assessed Amount: 0  
Liability \$ Amount: 24000  
Project \$ Amount: 0  
Liability \$ Paid: 24000  
Project \$ Completed: 0  
Total \$ Paid/Completed Amount: 24000  
Region: 4  
Facility Id: 231758  
Agency Name: Hitco Carbon Composites, Inc.  
Place Type: Facility  
Place Subtype: Groundwater Cleanup Site  
Facility Type: All other facilities  
Agency Type: Privately-Owned Business  
# Of Agencies: 1  
Place Latitude: 33.9075  
Place Longitude: -118.30556  
SIC Code 1: 3089  
SIC Desc 1: Plastics Products, NEC  
SIC Code 2: 3728  
SIC Desc 2: Aircraft Parts and Auxiliary Equipment, NEC  
SIC Code 3: Not reported  
SIC Desc 3: Not reported  
NAICS Code 1: Not reported  
NAICS Desc 1: Not reported  
NAICS Code 2: Not reported  
NAICS Desc 2: Not reported  
NAICS Code 3: Not reported  
NAICS Desc 3: Not reported  
# Of Places: 1  
Source Of Facility: Reg Meas  
Design Flow: 0.016  
Threat To Water Quality: 3  
Complexity: C  
Pretreatment: X - Facility is not a POTW  
Facility Waste Type: Cooling water: Noncontact  
Facility Waste Type 2: Not reported  
Facility Waste Type 3: Not reported  
Facility Waste Type 4: Not reported  
Program: NPDNONMUNIPRCS  
Program Category1: NPDESWW  
Program Category2: NPDESWW

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**S106483988**

# Of Programs:	1
WDID:	4B192128001
Reg Measure Id:	135414
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	93-028
Npdes# CA#:	CA0059048
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	05/10/1993
Effective Date:	05/10/1993
Expiration/Review Date:	05/10/1998
Termination Date:	03/28/2001
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	240324
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	01/07/2002
Adoption/Issuance Date:	01/07/2002
Achieve Date:	Not reported
Termination Date:	04/16/2002
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV - Hitco Carbon Composites, Inc., Hitco/Defense (01/07/02)
Description:	NOV sent 1/7/02 for permit effluent violations of Order No. 93-028.
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability \$ Amount:	0
Project \$ Amount:	0
Liability \$ Paid:	0
Project \$ Completed:	0
Total \$ Paid/Completed Amount:	0

WDR:  
Global ID: WDR100011592  
Status: HISTORICAL - WDR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**S106483988**

CIWQS:

Agency: Hitco Carbon Composites Inc  
Agency Address: 1600 W 135th St, Gardena, CA 90249  
Place/Project Type: Construction - Commercial  
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 19C362526  
NPDES Number: CAS000002  
Adoption Date: Not reported  
Effective Date: 11/30/2011  
Termination Date: 09/26/2012  
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: 33.90654  
Longitude: -118.30681

Agency: Hitco Carbon Composites, Inc.  
Agency Address: 1600 West 135th Street, Gardena, CA 90248  
Place/Project Type: Groundwater Cleanup Site  
SIC/NAICS: Multiple SIC  
Region: 4  
Program: NPDNONMUNIPRCS  
Regulatory Measure Status: Historical  
Regulatory Measure Type: Enrollee  
Order Number: R4-2002-0107  
WDID: 4B196800064  
NPDES Number: CAG914001  
Adoption Date: Not reported  
Effective Date: 07/06/2004  
Termination Date: 08/15/2007  
Expiration/Review Date: 07/05/2014  
Design Flow: 0.0332  
Major/Minor: Minor  
Complexity: B  
TTWQ: 2  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 33.9075  
Longitude: -118.30556

Agency: ARCO Petroleum Products Company La Palma (BP)  
Agency Address: 6 Centerpointe Drive Lpr6-161, La Palma, CA 90623-1066  
Place/Project Type: Groundwater Cleanup Site  
SIC/NAICS: Multiple SIC  
Region: 4  
Program: WDRNONMUNIPRCS  
Regulatory Measure Status: Historical  
Regulatory Measure Type: Enrollee

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**S106483988**

Order Number: R4-2007-0019  
WDID: 4B198600062  
NPDES Number: Not reported  
Adoption Date: Not reported  
Effective Date: 03/05/2008  
Termination Date: 12/14/2010  
Expiration/Review Date: 12/31/2012  
Design Flow: Not reported  
Major/Minor: Not reported  
Complexity: A  
TTWQ: 3  
Enforcement Actions within 5 years: 0  
Violations within 5 years: 0  
Latitude: 33.9075  
Longitude: -118.30556

**O65** **HITCO CARBON COMPOSITES INC**  
**NW** **1600 W. 135TH ST.**  
**1/4-1/2** **GARDENA, CA 90249**  
**0.381 mi.**  
**2010 ft.** **Site 3 of 5 in cluster O**  
**Relative:**  
**Lower**  
**Actual:**  
**52 ft.**

**RCRA-LQG** **1000178333**  
**CA LUST** **CAD046452439**  
**CA SWEEPS UST**  
**CA HIST UST**  
**CA DRYCLEANERS**  
**CA EMI**  
**CA HAZNET**  
**CA HIST CORTESE**  
**CA LOS ANGELES CO. HMS**  
**CA HWP**  
**NY MANIFEST**  
**CA NPDES**  
**CA WDS**  
**CA CIWQS**

**RCRA-LQG:**

Date form received by agency: 02/14/2018  
Facility name: HITCO CARBON COMPOSITES INC  
Facility address: 1600 W. 135TH ST.  
GARDENA, CA 90249  
EPA ID: CAD046452439  
Mailing address: 135TH ST.  
GARDENA, CA 90249  
Contact: SIMON RICKS  
Contact address: 135TH ST.  
GARDENA, CA 90249  
Contact country: US  
Contact telephone: 424-329-5249  
Contact email: SIMON.RICKS@SGLGROUP.COM  
EPA Region: 09  
Land type: Private  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: HITCO CARBON COMPOSITES, INC.  
Owner/operator address: 135TH ST.  
GARDENA, CA 90249  
Owner/operator country: US  
Owner/operator telephone: 310-527-0700  
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: 01/01/1992  
Owner/Op end date: Not reported

Owner/operator name: HITCO CARBON COMPOSITES, INC.  
Owner/operator address: 135TH ST.  
GARDENA, CA 90249  
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: Operator  
Owner/Op start date: 01/01/1992  
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: 141  
. Waste name: Off-specification, aged, or surplus inorganics  
  
. Waste code: 792  
. Waste name: Liquids with pH < 2 with metals  
  
. Waste code: D002  
. Waste name: CORROSIVE WASTE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE

Historical Generators:

Date form received by agency: 02/02/2016

Site name: HITCO CARBON COMPOSITES, INC.

Classification: Large Quantity Generator

- . Waste code: 141
- . Waste name: Off-specification, aged, or surplus inorganics
  
- . Waste code: 181
- . Waste name: Other inorganic solid waste
  
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
  
- . Waste code: 352
- . Waste name: Other organic solids
  
- . Waste code: 551
- . Waste name: Laboratory waste chemicals
  
- . Waste code: 791
- . Waste name: Liquids with pH < 2
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

Map ID  
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Distance  
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MAP FINDINGS

Site

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EDR ID Number  
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**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/02/2015

Site name: HITCO CARBON COMPOSITES, INC.

Classification: Large Quantity Generator

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

. Waste code: 181  
. Waste name: Other inorganic solid waste

. Waste code: 331  
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 343  
. Waste name: Unspecified organic liquid mixture

. Waste code: 352  
. Waste name: Other organic solids

. Waste code: 551  
. Waste name: Laboratory waste chemicals

. Waste code: D001  
. Waste name: IGNITABLE WASTE

. Waste code: D002  
. Waste name: CORROSIVE WASTE

. Waste code: D007  
. Waste name: CHROMIUM

. Waste code: D035  
. Waste name: METHYL ETHYL KETONE

. Waste code: F003  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/02/2012

Site name: HITCO CARBON COMPOSITES, INC.

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D005
- . Waste name: BARIUM
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED

Map ID  
Direction  
Distance  
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MAP FINDINGS

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**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/17/2010

Site name: HITCO CARBON COMPOSITES, INC.

Classification: Large Quantity Generator

- . Waste code: 122
- . Waste name: Alkaline solution without metals (pH > 12.5)
- . Waste code: 181
- . Waste name: Other inorganic solid waste
- . Waste code: 214
- . Waste name: Unspecified solvent mixture
- . Waste code: 223
- . Waste name: Unspecified oil-containing waste
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
- . Waste code: 352
- . Waste name: Other organic solids
- . Waste code: 551
- . Waste name: Laboratory waste chemicals
- . Waste code: 791
- . Waste name: Liquids with pH < 2
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
- . Waste code: D007
- . Waste name: CHROMIUM
- . Waste code: D008
- . Waste name: LEAD
- . Waste code: D009
- . Waste name: MERCURY

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/15/2008

Site name: HITCO CARBON COMPOSITES, INC

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

- . Waste code: D040
  - . Waste name: TRICHLORETHYLENE
  
  - . Waste code: F002
  - . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
  - . Waste code: F003
  - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
  - . Waste code: F005
  - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Date form received by agency: 02/21/2006
- Site name: HITCO CARBON COMPOSITES, INC.
- Classification: Large Quantity Generator
- . Waste code: 134
  - . Waste name: Aqueous solution with <10% total organic residues
  
  - . Waste code: 141
  - . Waste name: Off-specification, aged, or surplus inorganics
  
  - . Waste code: 181
  - . Waste name: Other inorganic solid waste
  
  - . Waste code: 214
  - . Waste name: Unspecified solvent mixture
  
  - . Waste code: 331
  - . Waste name: Off-specification, aged, or surplus organics
  
  - . Waste code: 343
  - . Waste name: Unspecified organic liquid mixture

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

- . Waste code: 352
- . Waste name: Other organic solids
  
- . Waste code: 551
- . Waste name: Laboratory waste chemicals
  
- . Waste code: 725
- . Waste name: Liquids with mercury > 20 mg/l
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D008
- . Waste name: LEAD
  
- . Waste code: D009
- . Waste name: MERCURY
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D040
- . Waste name: TRICHLOROETHYLENE
  
- . Waste code: D043
- . Waste name: VINYL CHLORIDE
  
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F005

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/20/2004

Site name: HITCO CARBON COMPOSITES, INC.

Classification: Large Quantity Generator

. Waste code: D001  
. Waste name: IGNITABLE WASTE

. Waste code: D002  
. Waste name: CORROSIVE WASTE

. Waste code: D003  
. Waste name: REACTIVE WASTE

. Waste code: D007  
. Waste name: CHROMIUM

. 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/15/2002

Site name: HITCO CARBON COMPOSITES, INC.

Classification: Large Quantity Generator

. Waste code: 122  
. Waste name: Alkaline solution without metals (pH > 12.5)

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

. Waste code: 181  
. Waste name: Other inorganic solid waste

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

. Waste code: 331  
. Waste name: Off-specification, aged, or surplus organics

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

- . Waste code: 352
- . Waste name: Other organic solids
  
- . Waste code: 551
- . Waste name: Laboratory waste chemicals
  
- . Waste code: 791
- . Waste name: Liquids with pH < 2
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D003
- . Waste name: REACTIVE WASTE
  
- . Waste code: D004
- . Waste name: ARSENIC
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D009
- . Waste name: MERCURY
  
- . 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 SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 10/12/2000

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Site name: HITCO CARBON COMPOSITES, INC.  
Classification: Large Quantity Generator

Date form received by agency: 09/15/1999

Site name: HITCO CARBON COMPOSITES INC  
Classification: Large Quantity Generator

. Waste code: D001  
. Waste name: IGNITABLE WASTE

. Waste code: F002  
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F005  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 03/04/1999

Site name: SGL CARBON COMPOSITES, INC.  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996

Site name: HITCO CARBON COMPOSITES INC  
Classification: Large Quantity Generator

Date form received by agency: 01/30/1996

Site name: HITCO TECHNOLOGIES, INC.  
Classification: Large Quantity Generator

Date form received by agency: 03/14/1994

Site name: B.P. CHEMICALS (HITCO) INC, ENG SYS DIV  
Classification: Large Quantity Generator

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Date form received by agency: 02/21/1992  
Site name: BP CHEMICALS (HITCO) ENGINEERED SYSTEMS  
Classification: Large Quantity Generator

Date form received by agency: 04/04/1990  
Site name: HITCO MATERIALS DIVISION  
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980  
Site name: HITCO CARBON COMPOSITES INC  
Classification: Large Quantity Generator

Biennial Reports:

Last Biennial Reporting Year: 2017

Annual Waste Handled:

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.  
Amount (Lbs): 11485

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.  
Amount (Lbs): 22230.7

Waste code: D035  
Waste name: METHYL ETHYL KETONE  
Amount (Lbs): 2930

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.  
Amount (Lbs): 7035

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

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.

Amount (Lbs): 8580

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: TSD IS-Contingency Plan and Emergency Procedures  
Date violation determined: 11/03/2011  
Date achieved compliance: 11/03/2011  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Pre-transport  
Date violation determined: 11/03/2011  
Date achieved compliance: 01/30/2012  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/30/2012  
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: Not reported  
Area of violation: TSD IS-Container Use and Management  
Date violation determined: 11/03/2011  
Date achieved compliance: 01/30/2012  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 01/30/2012  
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 - 262.10-12.A  
Area of violation: Generators - General  
Date violation determined: 07/21/1994  
Date achieved compliance: 07/21/1999  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

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 - FEA  
Area of violation: Formal Enforcement Agreement or Order  
Date violation determined: 07/23/1985  
Date achieved compliance: 01/01/1986  
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: 07/23/1985  
Date achieved compliance: 01/01/1986  
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: 03/06/1985  
Date achieved compliance: 01/01/1986  
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 - FEA  
Area of violation: Formal Enforcement Agreement or Order  
Date violation determined: 03/06/1985  
Date achieved compliance: 01/01/1986  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

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: 02/08/1985  
Date achieved compliance: 01/01/1986  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 02/02/1985  
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: 04/25/2018  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 01/15/2016  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 11/03/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD IS-Container Use and Management  
Date achieved compliance: 01/30/2012  
Evaluation lead agency: EPA

Evaluation date: 11/03/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 01/30/2012  
Evaluation lead agency: EPA

Evaluation date: 11/03/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD IS-Contingency Plan and Emergency Procedures  
Date achieved compliance: 11/03/2011  
Evaluation lead agency: EPA

Evaluation date: 01/11/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Evaluation date: 06/29/2006  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: Local

Evaluation date: 07/21/1994  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 07/21/1999  
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/18/1985  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 07/23/1985  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Formal Enforcement Agreement or Order  
Date achieved compliance: 01/01/1986  
Evaluation lead agency: State

Evaluation date: 07/23/1985  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Generators - General  
Date achieved compliance: 01/01/1986  
Evaluation lead agency: State

Evaluation date: 03/06/1985  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Generators - General  
Date achieved compliance: 01/01/1986  
Evaluation lead agency: State

Evaluation date: 03/06/1985  
Evaluation: COMPLIANCE SCHEDULE EVALUATION  
Area of violation: Formal Enforcement Agreement or Order  
Date achieved compliance: 01/01/1986  
Evaluation lead agency: State

Evaluation date: 02/08/1985  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 01/01/1986  
Evaluation lead agency: State

**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=T0603702854](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603702854)  
Global Id: T0603702854  
Latitude: 33.908207  
Longitude: -118.304846  
Status: Completed - Case Closed  
Status Date: 05/15/1996  
Case Worker: YR

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

RB Case Number: I-02510  
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: \* Solvents  
Site History: Not reported

LUST:

Global Id: T0603702854  
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: T0603702854  
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: T0603702854  
Action Type: Other  
Date: 06/23/1988  
Action: Leak Reported

Global Id: T0603702854  
Action Type: Other  
Date: 08/01/1992  
Action: Leak Discovery

Global Id: T0603702854  
Action Type: Other  
Date: 08/01/1992  
Action: Leak Stopped

LUST:

Global Id: T0603702854  
Status: Completed - Case Closed  
Status Date: 05/15/1996

Global Id: T0603702854  
Status: Open - Case Begin Date  
Status Date: 06/23/1988

Global Id: T0603702854  
Status: Open - Remediation  
Status Date: 05/08/1995

Global Id: T0603702854

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Status: Open - Remediation  
Status Date: 01/19/1996  
  
Global Id: T0603702854  
Status: Open - Site Assessment  
Status Date: 01/01/1994

**LUST REG 4:**

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-02510  
Status: Case Closed  
Substance: Solvents  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: Excavate and Dispose  
Global ID: T0603702854  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: WESTERN  
Enforcement Type: Not reported  
Date Leak Discovered: 8/1/1992  
Date Leak First Reported: 6/23/1988  
Date Leak Record Entered: 7/1/1988  
Date Confirmation Began: Not reported  
Date Leak Stopped: 8/1/1992  
Date Case Last Changed on Database: 9/8/1997  
Date the Case was Closed: 5/15/1996  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: Tank  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 3143.1928341059236448017913665  
Source of Cleanup Funding: Tank  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: 1/1/1994  
Remediation Plan Submitted: 5/8/1995  
Remedial Action Underway: 1/19/1996  
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: HITCO

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

RP Address: 1600 135TH ST W, GARDENA, CA 90249  
Program: LUST  
Lat/Long: 33.9090261 / -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: NFA SIGNED BY RPG SEE DH FOR  
FILE

**SWEEPS UST:**

Status: Active  
Comp Number: 2510  
Number: 9  
Board Of Equalization: 44-007647  
Referral Date: 06-30-89  
Action Date: Not reported  
Created Date: 06-30-89  
Owner Tank Id: Not reported  
SWRCB Tank Id: 19-000-002510-000001  
Tank Status: A  
Capacity: Not reported  
Active Date: 06-30-89  
Tank Use: UNKNOWN  
STG: W  
Content: Not reported  
Number Of Tanks: 1

**HIST UST:**

File Number: 00026E2C  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026E2C.pdf>  
Region: STATE  
Facility ID: 00000003039  
Facility Type: Other  
Other Type: MANUFACTURER  
Contact Name: H. BICKNELL  
Telephone: 2135165820  
Owner Name: HITCO  
Owner Address: 1600 W. 135TH STREET  
Owner City,St,Zip: GARDENA, CA 90249  
Total Tanks: 0006

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Tank Capacity: 00010000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 003  
Container Num: 3  
Year Installed: 1958  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 1/4  
Leak Detection: None

Tank Num: 004  
Container Num: 4  
Year Installed: 1958  
Tank Capacity: 00006000  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 1/4  
Leak Detection: None

Tank Num: 005  
Container Num: 5  
Year Installed: 1977  
Tank Capacity: 00020000  
Tank Used for: PRODUCT  
Type of Fuel: DIESEL  
Container Construction Thickness: 5/16  
Leak Detection: None

Tank Num: 006  
Container Num: 6  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: Not reported  
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

**DRYCLEAN SOUTH COAST:**

Facility ID: 15648  
Application Number: A17725  
Permit Number: P00956  
Status: A  
Representative Name: SIMON RICKS  
Representative Telephone: 310 9705298  
Permit Status: INACTIVE  
BCAT Number: 000234  
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE  
CCAT Number: 02  
CCAT Description: ADSORBER (DRY CLEANING) REGENERATIVE  
UTM East: 379.79000854

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

UTM North: 3751.6298828  
  
Facility ID: 15648  
Application Number: 155548  
Permit Number: M59626  
Status: A  
Representative Name: SIMON RICKS  
Representative Telephone: 310 9705298  
Permit Status: INACTIVE  
BCAT Number: 000234  
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE  
CCAT Number: 02  
CCAT Description: ADSORBER (DRY CLEANING) REGENERATIVE  
UTM East: 379.79000854  
UTM North: 3751.6298828

Facility ID: 15648  
Application Number: 161333  
Permit Number: Not reported  
Status: A  
Representative Name: SIMON RICKS  
Representative Telephone: 310 9705298  
Permit Status: Not reported  
BCAT Number: 000234  
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE  
CCAT Number: 02  
CCAT Description: ADSORBER (DRY CLEANING) REGENERATIVE  
UTM East: 379.79000854  
UTM North: 3751.6298828

Facility ID: 15648  
Application Number: C39128  
Permit Number: M24572  
Status: A  
Representative Name: SIMON RICKS  
Representative Telephone: 310 9705298  
Permit Status: INACTIVE  
BCAT Number: 000234  
BCAT Description: DRY CLEANING EQUIP PERCHLOROETHYLENE  
CCAT Number: 02  
CCAT Description: ADSORBER (DRY CLEANING) REGENERATIVE  
UTM East: 379.79000854  
UTM North: 3751.6298828

**EMI:**

Year: 1993  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
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: 19  
Reactive Organic Gases Tons/Yr: 9  
Carbon Monoxide Emissions Tons/Yr: 3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

NOX - Oxides of Nitrogen Tons/Yr: 10  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 1995  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
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: 19  
Reactive Organic Gases Tons/Yr: 9  
Carbon Monoxide Emissions Tons/Yr: 3  
NOX - Oxides of Nitrogen Tons/Yr: 10  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 1996  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
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: 11  
Reactive Organic Gases Tons/Yr: 6  
Carbon Monoxide Emissions Tons/Yr: 5  
NOX - Oxides of Nitrogen Tons/Yr: 14  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 1997  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 14  
Reactive Organic Gases Tons/Yr: 5  
Carbon Monoxide Emissions Tons/Yr: 3  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 1998

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
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: 13  
Reactive Organic Gases Tons/Yr: 4  
Carbon Monoxide Emissions Tons/Yr: 3  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 1999  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 14  
Reactive Organic Gases Tons/Yr: 5  
Carbon Monoxide Emissions Tons/Yr: 3  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 2000  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 14  
Reactive Organic Gases Tons/Yr: 5  
Carbon Monoxide Emissions Tons/Yr: 3  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 2001  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
Air District Name: SOUTH COAST AQMD

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 29  
Reactive Organic Gases Tons/Yr: 6  
Carbon Monoxide Emissions Tons/Yr: 3  
NOX - Oxides of Nitrogen Tons/Yr: 9  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 2002  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 12  
Reactive Organic Gases Tons/Yr: 8  
Carbon Monoxide Emissions Tons/Yr: 3  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 2003  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 12  
Reactive Organic Gases Tons/Yr: 8  
Carbon Monoxide Emissions Tons/Yr: 3  
NOX - Oxides of Nitrogen Tons/Yr: 8  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 2004  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Y  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 12.1217274  
Reactive Organic Gases Tons/Yr: 7.9  
Carbon Monoxide Emissions Tons/Yr: 3.012  
NOX - Oxides of Nitrogen Tons/Yr: 7.9627

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

SOX - Oxides of Sulphur Tons/Yr: 0.087974  
Particulate Matter Tons/Yr: 0.5638743  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.51

Year: 2005  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
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: 8.56210644  
Reactive Organic Gases Tons/Yr: 7.723543712832  
Carbon Monoxide Emissions Tons/Yr: 3.19547  
NOX - Oxides of Nitrogen Tons/Yr: 6.7043  
SOX - Oxides of Sulphur Tons/Yr: .06219  
Particulate Matter Tons/Yr: .61202815  
Part. Matter 10 Micrometers and Smllr Tons/Yr:.544419054

Year: 2006  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
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: 11.84546765811267862  
Reactive Organic Gases Tons/Yr: 9.959  
Carbon Monoxide Emissions Tons/Yr: 2.885  
NOX - Oxides of Nitrogen Tons/Yr: 6.141  
SOX - Oxides of Sulphur Tons/Yr: .055  
Particulate Matter Tons/Yr: .786  
Part. Matter 10 Micrometers and Smllr Tons/Yr:.656862

Year: 2007  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
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: 11.84546765811267862  
Reactive Organic Gases Tons/Yr: 9.959  
Carbon Monoxide Emissions Tons/Yr: 2.885  
NOX - Oxides of Nitrogen Tons/Yr: 6.141  
SOX - Oxides of Sulphur Tons/Yr: .055  
Particulate Matter Tons/Yr: .786  
Part. Matter 10 Micrometers and Smllr Tons/Yr:.656862

Year: 2008  
County Code: 19

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3769  
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: 8.671911459415983641  
Reactive Organic Gases Tons/Yr: 7.690897827170222313  
Carbon Monoxide Emissions Tons/Yr: 3.140928448  
NOX - Oxides of Nitrogen Tons/Yr: 7.05207311999716125  
SOX - Oxides of Sulphur Tons/Yr: .0547375295  
Particulate Matter Tons/Yr: .69412568675  
Part. Matter 10 Micrometers and Smlr Tons/Yr: 586716915022

Year: 2009  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3769  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 5.0077986769108298  
Reactive Organic Gases Tons/Yr: 4.238569236  
Carbon Monoxide Emissions Tons/Yr: 1.972691  
NOX - Oxides of Nitrogen Tons/Yr: 3.9601009999999999  
SOX - Oxides of Sulphur Tons/Yr: 0.03362035  
Particulate Matter Tons/Yr: 0.4078388  
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.37700752679999999

Year: 2010  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3769  
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: 6.0419056142817604  
Reactive Organic Gases Tons/Yr: 5.3089850533497396  
Carbon Monoxide Emissions Tons/Yr: 1.5701099999999999  
NOX - Oxides of Nitrogen Tons/Yr: 4.8175400000000002  
SOX - Oxides of Sulphur Tons/Yr: 7.6770000000000005E-2  
Particulate Matter Tons/Yr: 0.5399199999999996  
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0.45660664000000001

Year: 2012  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3769  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 7.1506494048  
Reactive Organic Gases Tons/Yr: 6.12822956  
Carbon Monoxide Emissions Tons/Yr: 2.68576  
NOX - Oxides of Nitrogen Tons/Yr: 6.07634  
SOX - Oxides of Sulphur Tons/Yr: 0.04674  
Particulate Matter Tons/Yr: 0.85953  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.67067662

Year: 2013  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
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: 8.8672415457  
Reactive Organic Gases Tons/Yr: 6.48123413  
Carbon Monoxide Emissions Tons/Yr: 2.52196  
NOX - Oxides of Nitrogen Tons/Yr: 5.9074  
SOX - Oxides of Sulphur Tons/Yr: 0.06111  
Particulate Matter Tons/Yr: 0.74584  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.57617354

Year: 2014  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 12.263585992  
Reactive Organic Gases Tons/Yr: 8.599285  
Carbon Monoxide Emissions Tons/Yr: 2.36994  
NOX - Oxides of Nitrogen Tons/Yr: 4.87928  
SOX - Oxides of Sulphur Tons/Yr: 0.04023  
Particulate Matter Tons/Yr: 0.577865  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0.5115689

Year: 2015  
County Code: 19  
Air Basin: SC  
Facility ID: 800066  
Air District Name: SC  
SIC Code: 3089  
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: 180.87672892  
Reactive Organic Gases Tons/Yr: 177.63836875  
Carbon Monoxide Emissions Tons/Yr: 2.486986345  
NOX - Oxides of Nitrogen Tons/Yr: 5.43675445  
SOX - Oxides of Sulphur Tons/Yr: 0.037033935

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Particulate Matter Tons/Yr: 0.93212637698  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.856556438

**HAZNET:**

Facility Name: AVORP COMPOSITE FABRICATION INC  
envid: 1000178333  
Year: 2017  
GEPaid: CAD000631747  
Contact: SIMON RICKS  
Telephone: 3109705298  
Mailing Name: Not reported  
Mailing Address: 1600 W 135TH ST  
Mailing City,St,Zip: GARDENA, CA 902492506  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Off-specification, aged or surplus organics  
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,  
Organics Recovery Ect  
Tons: 0.375  
Cat Decode: Off-specification, aged or surplus organics  
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,  
Organics Recovery Ect  
Facility County: Los Angeles

envid: 1000178333  
Year: 2017  
GEPaid: CAD000631747  
Contact: SIMON RICKS  
Telephone: 3109705298  
Mailing Name: Not reported  
Mailing Address: 1600 W 135TH ST  
Mailing City,St,Zip: GARDENA, CA 902492506  
Gen County: Los Angeles  
TSD EPA ID: CAD044429835  
TSD County: Los Angeles  
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: 0.4  
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: 1000178333  
Year: 2017  
GEPaid: CAD000631747  
Contact: SIMON RICKS  
Telephone: 3109705298  
Mailing Name: Not reported  
Mailing Address: 1600 W 135TH ST  
Mailing City,St,Zip: GARDENA, CA 902492506  
Gen County: Los Angeles  
TSD EPA ID: CAD044429835  
TSD County: Los Angeles  
Waste Category: Liquids with pH <= 2 with metals

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Tons: 0.02  
Cat Decode: Liquids with pH <= 2 with metals  
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery  
(H010-H129) Or (H131-H135)  
Facility County: Los Angeles

envid: 1000178333  
Year: 2017  
GEPAID: CAD000631747  
Contact: SIMON RICKS  
Telephone: 3109705298  
Mailing Name: Not reported  
Mailing Address: 1600 W 135TH ST  
Mailing City,St,Zip: GARDENA, CA 902492506  
Gen County: Los Angeles  
TSD EPA ID: ARD981057870  
TSD County: 99  
Waste Category: Off-specification, aged or surplus organics  
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 0.5445  
Cat Decode: Off-specification, aged or surplus organics  
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site  
Facility County: Los Angeles

envid: 1000178333  
Year: 2017  
GEPAID: CAD000631747  
Contact: SIMON RICKS  
Telephone: 3109705298  
Mailing Name: Not reported  
Mailing Address: 1600 W 135TH ST  
Mailing City,St,Zip: GARDENA, CA 902492506  
Gen County: Los Angeles  
TSD EPA ID: ARD981057870  
TSD County: 99  
Waste Category: Other organic solids  
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 6.3  
Cat Decode: Other organic solids  
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site  
Facility County: Los Angeles

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

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-02510

**LOS ANGELES CO. HMS:**

Region: LA  
Permit Category: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Facility Id: 002426-064656  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 2B  
Permit Number: Not reported  
Permit Status: Not reported

Region: LA  
Permit Category: S  
Facility Id: 022722-031835  
Facility Type: S6  
Facility Status: Closed  
Area: 2B  
Permit Number: CGI002428  
Permit Status: Closed

HWP:

EPA Id: CAD000631747  
Cleanup Status: PROTECTIVE FILER  
Latitude: 33.90875  
Longitude: -118.3045  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Team: Not reported  
Supervisor: Not reported  
Site Code: Not reported  
Assembly District: 62  
Senate District: 35  
Public Information Officer: Not reported  
Public Information Officer: Not reported

Activities:

EPA Id: CAD000631747  
Facility Type: Historical - Non-Operating  
Unit Names: CONTAIN1  
Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED)  
Actual Date: 05/20/1982

NY MANIFEST:

Country: USA  
EPA ID: CAD046452439  
Facility Status: Not reported  
Location Address 1: 1600 W 135TH ST  
Code: BP  
Location Address 2: Not reported  
Total Tanks: Not reported  
Location City: GARDENA  
Location State: CA  
Location Zip: 90249  
Location Zip 4: Not reported

NY MANIFEST:

EPAID: CAD046452439  
Mailing Name: B P CHEMICALS  
Mailing Contact: B P CHEMICALS  
Mailing Address 1: 1600 W 135TH ST

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Mailing Address 2: Not reported  
Mailing City: GARDENA  
Mailing State: CA  
Mailing Zip: 90249  
Mailing Zip 4: Not reported  
Mailing Country: USA  
Mailing Phone: 3109705298

**NY MANIFEST:**

Document ID: NYB6782526  
Manifest Status: C  
seq: Not reported  
Year: 1995  
Trans1 State ID: Not reported  
Trans2 State ID: Not reported  
Generator Ship Date: 05/10/1995  
Trans1 Recv Date: 05/19/1995  
Trans2 Recv Date: / /  
TSD Site Recv Date: 05/22/1995  
Part A Recv Date: 05/18/1995  
Part B Recv Date: 06/02/1995  
Generator EPA ID: CAD046452439  
Trans1 EPA ID: NYD980769947  
Trans2 EPA ID: Not reported  
TSD ID 1: NYD000632372  
TSD ID 2: Not reported  
Manifest Tracking Number: Not reported  
Import Indicator: Not reported  
Export Indicator: Not reported  
Discr Quantity Indicator: Not reported  
Discr Type Indicator: Not reported  
Discr Residue Indicator: Not reported  
Discr Partial Reject Indicator: Not reported  
Discr Full Reject Indicator: Not reported  
Manifest Ref Number: Not reported  
Alt Facility RCRA ID: Not reported  
Alt Facility Sign Date: Not reported  
MGMT Method Type Code: Not reported  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Waste Code: Not reported  
Quantity: 00015  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Quantity: 00015  
Units: P - Pounds

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: D001 - NON-LISTED IGNITABLE WASTES  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Quantity: 00015  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DF - Fiberboard or plastic drums (glass)  
Handling Method: B Incineration, heat recovery, burning.  
Specific Gravity: 100  
Waste Code: D002 - NON-LISTED CORROSIVE WASTES  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Waste Code: Not reported  
Quantity: 00020  
Units: P - Pounds  
Number of Containers: 001  
Container Type: DM - Metal drums, barrels  
Handling Method: T Chemical, physical, or biological treatment.  
Specific Gravity: 100

[Click this hyperlink](#) while viewing on your computer to access  
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

**NPDES:**

Facility Status: Active  
NPDES Number: CAS000001  
Region: 4  
Agency Number: 0  
Regulatory Measure ID: 188963  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 4 19I002428  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 04/01/1992  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 1600 W 135th St  
Discharge Name: Hitco Carbon Composites Inc  
Discharge City: Gardena  
Discharge State: California  
Discharge Zip: 90249  
Status: Not reported  
Status Date: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported  
Operator State: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Operator Zip: Not reported

NPDES as of 03/2018:

NPDES Number: CAS000001

Status: Active

Agency Number: 0

Region: 4

Regulatory Measure ID: 188963

Order Number: 97-03-DWQ

Regulatory Measure Type: Enrollee

Place ID: Not reported

WDID: 4 19I002428

Program Type: Industrial

Adoption Date Of Regulatory Measure: Not reported

Effective Date Of Regulatory Measure: 04/01/1992

Expiration Date Of Regulatory Measure: Not reported

Termination Date Of Regulatory Measure: Not reported

Discharge Name: Hitco Carbon Composites Inc

Discharge Address: 1600 W 135th St

Discharge City: Gardena

Discharge State: California

Discharge Zip: 90249

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

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
Regulatory Measure ID:	188963
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I002428
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:	04/01/1992
Status:	Active
Status Date:	04/01/1992
Place Size:	25
Place Size Unit:	Acres
Contact:	Simon Ricks
Contact Title:	HSEQ Mgr
Contact Phone:	310-940-5298
Contact Phone Ext:	Not reported
Contact Email:	simon.ricks@avcorp.com
Operator Name:	Hitco Carbon Composites Inc
Operator Address:	1600 W 135th St
Operator City:	Gardena
Operator State:	California
Operator Zip:	90249
Operator Contact:	SIMON RICKS

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Operator Contact Title:	Not reported
Operator Contact Phone:	310-970-5298
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	simon.ricks@avcorp.com
Operator Type:	Private Business
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	North Carolina
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	310-970-5298
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Los Angeles River
Certifier:	Jeff Schade
Certifier Title:	cfo
Certification Date:	13-JUL-16
Primary Sic:	3728-Aircraft Parts and Auxiliary Equipment, NEC
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 19I002428
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Active  
Status Date: 04/01/1992  
Operator Name: Hitco Carbon Composites Inc  
Operator Address: 1600 W 135th St  
Operator City: Gardena  
Operator State: California  
Operator Zip: 90249

NPDES as of 03/2018:

NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 188963  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I002428  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 04/01/1992  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Hitco Carbon Composites Inc  
Discharge Address: 1600 W 135th St  
Discharge City: Gardena  
Discharge State: California  
Discharge Zip: 90249  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

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
Regulatory Measure ID:	188963
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I002428
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:	04/01/1992
Status:	Active
Status Date:	04/01/1992
Place Size:	25
Place Size Unit:	Acres
Contact:	Simon Ricks
Contact Title:	HSEQ Mgr

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Contact Phone: 310-940-5298  
Contact Phone Ext: Not reported  
Contact Email: simon.ricks@avcorp.com  
Operator Name: Hitco Carbon Composites Inc  
Operator Address: 1600 W 135th St  
Operator City: Gardena  
Operator State: California  
Operator Zip: 90249  
Operator Contact: SIMON RICKS  
Operator Contact Title: Not reported  
Operator Contact Phone: 310-970-5298  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: simon.ricks@avcorp.com  
Operator Type: Private Business  
Developer: Not reported  
Developer Address: Not reported  
Developer City: Not reported  
Developer State: North Carolina  
Developer Zip: Not reported  
Developer Contact: Not reported  
Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 310-970-5298  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported  
Constype Other Description: Not reported  
Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported  
Dir Discharge Uswater Ind: N  
Receiving Water Name: Los Angeles River  
Certifier: Jeff Schade  
Certifier Title: cfo  
Certification Date: 13-JUL-16  
Primary Sic: 3728-Aircraft Parts and Auxiliary Equipment, NEC  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

**WDS:**

Facility ID: 4 19I002428  
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

are assigned by the Regional Board

Subregion: 4

Facility Telephone: 3109705298

Facility Contact: Simon Ricks

Agency Name: HITCO CARBON COMPOSITES INC.

Agency Address: 1600 West 135th St.

Agency City,St,Zip: Gardena 90248

Agency Contact: Simon Ricks

Agency Telephone: 3109705298

Agency Type: Private

SIC Code: 3089

SIC Code 2: Not reported

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Primary Waste: STORMS

Waste Type2: Not reported

Waste2: Stormwater Runoff

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Not reported

Secondary Waste Type: Not reported

Design Flow: 0

Baseline Flow: 0

Reclamation: No reclamation requirements associated with this facility.

POTW: The facility is not a POTW.

Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Facility ID: Los Angeles River 197200026

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: William Baker

Agency Name: GROUP ENVIRONMENTAL MGMT CO

Agency Address: Not reported

Agency City,St,Zip: 0

Agency Contact: Not reported

Agency Telephone: Not reported

Agency Type: Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

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: 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 A - Any major NPDES facility, any non-NPDES facility (particularly those with toxic wastes) that would be a major if discharge was made to surface or ground waters, or any Class I disposal site. Includes any small-volume complex facility (particularly those with toxicwastes) with numerous discharge points, leak detection systems or ground water monitoring wells.  
Facility ID: Los Angeles River 196800064  
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: CAG914001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: 7142286709  
Facility Contact: Mike Mcanulty  
Agency Name: HITCO CARBON COMPOSITES INC.  
Agency Address: 1600 West 135th St.  
Agency City,St,Zip: Gardena 90248  
Agency Contact: Simon Ricks  
Agency Telephone: 3109705298  
Agency Type: Private  
SIC Code: 3624  
SIC Code 2: Not reported  
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.  
Primary Waste: CNWTRS  
Waste Type2: Not reported  
Waste2: Contaminated Ground Water  
Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Design Flow: 0  
Baseline Flow: 0  
Reclamation: No reclamation requirements associated with this facility.  
POTW: The facility is not a POTW.  
Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Aesthetic impairment would include nuisance from a waste treatment facility.  
Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

**CIWQS:**

Agency: Hitco Carbon Composites Inc  
Agency Address: 1600 W 135th St, Gardena, CA 90249  
Place/Project Type: Construction - Industrial  
SIC/NAICS: 3728  
Region: 4  
Program: CONSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water construction  
Order Number: 99-08DW  
WDID: 4 19C351938  
NPDES Number: CAS000002  
Adoption Date: Not reported  
Effective Date: 05/27/2008  
Termination Date: 02/17/2009  
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: 33.90917  
Longitude: -118.30478

Agency: Hitco Carbon Composites Inc  
Agency Address: 1600 W 135th St, Gardena, CA 90249  
Place/Project Type: Industrial - Aircraft Parts and Auxiliary Equipment, NEC  
SIC/NAICS: 3728  
Region: 4  
Program: CONSTW, INDSTW  
Regulatory Measure Status: Active  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I002428  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 04/01/1992  
Termination Date: Not reported  
Expiration/Review Date: Not reported  
Design Flow: Not reported  
Major/Minor: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**HITCO CARBON COMPOSITES INC (Continued)**

**1000178333**

Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.90917
Longitude:	-118.30478

**O66  
 NW  
 1/4-1/2  
 0.381 mi.  
 2010 ft.**

**BP CHEMICAL  
 1600 135TH  
 GARDENA, CA 90249  
 Site 4 of 5 in cluster O**

**CA CPS-SLIC 1001608621  
 N/A**

<b>Relative:</b>	SLIC REG 4:	
<b>Lower</b>	Region:	4
<b>Actual:</b>	Facility Status:	Site Assessment
<b>52 ft.</b>	SLIC:	0470
	Substance:	VOCs
	Staff:	PGN

**O67  
 NW  
 1/4-1/2  
 0.381 mi.  
 2010 ft.**

**HITCO PROPERTY  
 1600 W. 135TH STREET  
 GARDENA, CA 90249  
 Site 5 of 5 in cluster O**

**US BROWNFIELDS 1023619961  
 FINDS N/A**

<b>Relative:</b>	US BROWNFIELDS:	
<b>Lower</b>	Property Name:	HITCO PROPERTY
<b>Actual:</b>	Recipient Name:	Gardena, City of
<b>52 ft.</b>	Grant Type:	Assessment
	Property Number:	Not reported
	Parcel size:	Not reported
	Latitude:	33.909073
	Longitude:	-118.304893
	HCM Label:	Not reported
	Map Scale:	Not reported
	Point of Reference:	Not reported
	Highlights:	Not reported
	Datum:	Not reported
	Acres Property ID:	14385
	IC Data Access:	Not reported
	Start Date:	Not reported
	Redev Completion Date:	Not reported
	Completed Date:	Not reported
	Acres Cleaned Up:	Not reported
	Cleanup Funding:	Not reported
	Cleanup Funding Source:	Not reported
	Assessment Funding:	Not reported
	Assessment Funding Source:	Not reported
	Redevelopment Funding:	Not reported
	Redev. Funding Source:	Not reported
	Redev. Funding Entity Name:	Not reported
	Redevelopment Start Date:	Not reported
	Assessment Funding Entity:	Not reported
	Cleanup Funding Entity:	Not reported
	Grant Type:	N/A

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO PROPERTY (Continued)**

**1023619961**

Accomplishment Type:	Not reported
Accomplishment Count:	0
Cooperative Agreement Number:	98976301
Start Date:	Not reported
Ownership Entity:	Not reported
Completion Date:	Not reported
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	Not reported
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO PROPERTY (Continued)**

**1023619961**

Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	729
Below Poverty Percent:	23.1%
Meidan Income:	3411
Meidan Income Number:	1541
Meidan Income Percent:	48.9%
Vacant Housing Number:	78
Vacant Housing Percent:	7.0%
Unemployed Number:	174
Unemployed Percent:	5.5%

**FINDS:**

Registry ID: 110061034492

Environmental Interest/Information System  
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**HITCO PROPERTY (Continued)**

**1023619961**

is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

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

**68**  
**ESE**  
**1/4-1/2**  
**0.428 mi.**  
**2258 ft.**

**MOBIL #18-D3X (FORMER #11-D3X)**  
**14225 VERMONT AVE S**  
**GARDENA, CA 90247**

**CA LUST S104406569**  
**CA HIST CORTESE N/A**

**Relative:**  
**Higher**  
**Actual:**  
**66 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=T0603703237](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703237)  
Global Id: T0603703237  
Latitude: 33.9024515  
Longitude: -118.2920166  
Status: Completed - Case Closed  
Status Date: 07/12/2013  
Case Worker: JW  
RB Case Number: I-06596  
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: T0603703237  
Contact Type: Regional Board Caseworker  
Contact Name: JIMMIE WOO  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 WEST 4TH STREET, SUITE 200  
City: LOS ANGELES  
Email: [jwoo@waterboards.ca.gov](mailto:jwoo@waterboards.ca.gov)  
Phone Number: 2135766600

Global Id: T0603703237  
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](mailto:jawujo@dpw.lacounty.gov)  
Phone Number: 6264583507

**LUST:**

Global Id: T0603703237  
Action Type: Other  
Date: 07/16/1987  
Action: Leak Reported

Global Id: T0603703237  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL #18-D3X (FORMER #11-D3X) (Continued)**

**S104406569**

Date: 01/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2012  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: ENFORCEMENT  
Date: 03/02/2004  
Action: 13267 Requirement

Global Id: T0603703237  
Action Type: ENFORCEMENT  
Date: 08/13/2004  
Action: Staff Letter

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 02/25/2013  
Action: Request for Closure - Regulator Responded

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2006  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL #18-D3X (FORMER #11-D3X) (Continued)**

**S104406569**

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2012  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2013  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2012  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2012  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL #18-D3X (FORMER #11-D3X) (Continued)**

**S104406569**

Date: 06/15/2009  
Action: Staff Letter

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2002  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2002  
Action: Interim Remedial Action Plan

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2002  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/25/2013  
Action: Well Destruction Report

Global Id: T0603703237  
Action Type: ENFORCEMENT  
Date: 07/12/2013  
Action: Closure/No Further Action Letter

Global Id: T0603703237  
Action Type: ENFORCEMENT  
Date: 05/07/2013  
Action: Notification - Preclosure

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL #18-D3X (FORMER #11-D3X) (Continued)**

**S104406569**

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2003  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: ENFORCEMENT  
Date: 01/15/2002  
Action: 13267 Requirement

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2008  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL #18-D3X (FORMER #11-D3X) (Continued)**

**S104406569**

Date: 10/15/2009  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2010  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: Other  
Date: 07/14/1987  
Action: Leak Discovery

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2003  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2003  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: REMEDIATION  
Date: 11/01/2003  
Action: Soil Vapor Extraction (SVE)

Global Id: T0603703237  
Action Type: REMEDIATION  
Date: 07/01/2007  
Action: Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)

Global Id: T0603703237  
Action Type: REMEDIATION  
Date: 06/01/2005  
Action: Soil Vapor Extraction (SVE)

Global Id: T0603703237  
Action Type: REMEDIATION  
Date: 07/01/1999  
Action: Other (Use Description Field)

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL #18-D3X (FORMER #11-D3X) (Continued)**

**S104406569**

Global Id: T0603703237  
Action Type: REMEDIATION  
Date: 03/01/1999  
Action: Ex Situ Physical/Chemical Treatment (other than P&T, SVE, or Excavation)

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2002  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2003  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2010  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2010  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/28/2010  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603703237  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL #18-D3X (FORMER #11-D3X) (Continued)**

**S104406569**

Date: 01/15/2011  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2003  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2011  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2011  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2011  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: ENFORCEMENT  
Date: 08/29/2003  
Action: Staff Letter

Global Id: T0603703237  
Action Type: ENFORCEMENT  
Date: 10/29/2002  
Action: Site Visit / Inspection / Sampling

Global Id: T0603703237  
Action Type: Other  
Date: 07/14/1987  
Action: Leak Stopped

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL #18-D3X (FORMER #11-D3X) (Continued)**

**S104406569**

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2004  
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Remedial Progress Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603703237  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL #18-D3X (FORMER #11-D3X) (Continued)**

**S104406569**

Date: 07/15/2011  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2011  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2011  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 10/15/2011  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 07/15/2011  
Action: Monitoring Report - Quarterly

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 01/15/2012  
Action: Conceptual Site Model

Global Id: T0603703237  
Action Type: RESPONSE  
Date: 04/15/2012  
Action: Conceptual Site Model

**LUST:**

Global Id: T0603703237  
Status: Completed - Case Closed  
Status Date: 07/12/2013

Global Id: T0603703237  
Status: Open - Case Begin Date  
Status Date: 07/14/1987

Global Id: T0603703237  
Status: Open - Eligible for Closure  
Status Date: 02/07/2013

Global Id: T0603703237  
Status: Open - Remediation  
Status Date: 01/15/2002

Global Id: T0603703237  
Status: Open - Remediation  
Status Date: 01/16/2004

Global Id: T0603703237  
Status: Open - Remediation  
Status Date: 07/15/2004

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**MOBIL #18-D3X (FORMER #11-D3X) (Continued)**

**S104406569**

Global Id:	T0603703237
Status:	Open - Remediation
Status Date:	08/13/2004
Global Id:	T0603703237
Status:	Open - Remediation
Status Date:	10/15/2004
Global Id:	T0603703237
Status:	Open - Site Assessment
Status Date:	07/14/1987
Global Id:	T0603703237
Status:	Open - Site Assessment
Status Date:	01/20/1988
Global Id:	T0603703237
Status:	Open - Site Assessment
Status Date:	07/21/1988
Global Id:	T0603703237
Status:	Open - Site Assessment
Status Date:	01/15/2002

**LUST REG 4:**

Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	I-06596	
Status:	Remediation Plan	
Substance:	Gasoline	
Substance Quantity:	Not reported	
Local Case No:	Not reported	
Case Type:	Groundwater	
Abatement Method Used at the Site:		Not reported
Global ID:	T0603703237	
W Global ID:	Not reported	
Staff:	JW	
Local Agency:	19000	
Cross Street:	ROSECRANS	
Enforcement Type:	DLSEL	
Date Leak Discovered:	7/14/1987	
Date Leak First Reported:		7/16/1987
Date Leak Record Entered:	8/13/1987	
Date Confirmation Began:	1/20/1988	
Date Leak Stopped:	7/14/1987	
Date Case Last Changed on Database:		7/15/2002
Date the Case was Closed:		Not reported
How Leak Discovered:	OM	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	KIM, MIKE MU	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):		2400.8117089031174711269724981

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MOBIL #18-D3X (FORMER #11-D3X) (Continued)**

**S104406569**

Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: 7/14/1987  
Preliminary Site Assessment Began: 7/21/1988  
Pollution Characterization Began: 1/15/2002  
Remediation Plan Submitted: 1/16/2004  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: 8/13/2003  
Hist Max MTBE Conc in Groundwater: 8700  
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  
Responsible Party: JOHN MEDRANO  
RP Address: 3700 W. 190TH ST., TPT-2  
Program: LUST  
Lat/Long: 33.9024515 / -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: TANK 2 IS 8000 GAL STEEL , TANK 3 IS 6000 GALS FIBERGLASS ; 10/10/00  
3RD QTR GW MON RPT 2000; 1/15/01 4TH QTR GW MON RPT 2000; 3/22/01 1ST  
QTR GW MON RPT 2001

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-06596

**P69**  
**NNW**  
**1/4-1/2**  
**0.456 mi.**  
**2409 ft.**

**GARDENA RECYCLING CENTER INC**  
**1538 W 134TH ST**  
**GARDENA, CA 90249**  
**Site 1 of 5 in cluster P**

**CA SWRCY** **U003063041**  
**CA LOS ANGELES CO. HMS** **N/A**  
**CA WDS**

**Relative:**  
**Higher**  
**Actual:**  
**64 ft.**

SWRCY:  
Reg Id: 19276  
Cert Id: RC0043  
Mailing Address: 1538 W 134th St  
Mailing City: Gardena  
Mailing State: CA  
Mailing Zip Code: 90249  
Website: Not reported  
Email: gardenarecycling@gmail.com  
Phone Number: (310) 516-8195  
Rural: N  
Operation Begin Date: 07/28/1987  
Aluminium: Y  
Glass: Y  
Plastic: Y

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GARDENA RECYCLING CENTER INC (Continued)**

**U003063041**

Bimetal: Y  
Hours of Operation: Mon - Fri 8:00 am - 4:15 pm; Sat 8:00 am - 12:45 pm; Sun Closed  
Organization ID: 19276  
Organization Name: Gardena Recycling Center Inc

**LOS ANGELES CO. HMS:**

Region: LA  
Permit Category: I  
Facility Id: 007233-107572  
Facility Type: 01  
Facility Status: Closed  
Area: 2B  
Permit Number: 000008792  
Permit Status: Closed

Region: LA  
Permit Category: S  
Facility Id: 007233-047822  
Facility Type: S6  
Facility Status: Closed  
Area: 2B  
Permit Number: CGI007284  
Permit Status: Closed

Region: LA  
Permit Category: Not reported  
Facility Id: 007233-045959  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 2B  
Permit Number: Not reported  
Permit Status: Not reported

**WDS:**

Facility ID: 4 19I007284  
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: 3105168195  
Facility Contact: Sam Moross  
Agency Name: GARDENA RECYCLING CENTER  
Agency Address: Not reported  
Agency City,St,Zip: 0  
Agency Contact: Not reported  
Agency Telephone: Not reported  
Agency Type: Private  
SIC Code: 5093  
SIC Code 2: Not reported  
Primary Waste Type: Not reported  
Primary Waste: Not reported  
Waste Type2: Not reported  
Waste2: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**GARDENA RECYCLING CENTER INC (Continued)**

**U003063041**

Primary Waste Type: Not reported  
 Secondary Waste: Not reported  
 Secondary Waste Type: Not reported  
 Design Flow: 0  
 Baseline Flow: 0  
 Reclamation: No reclamation requirements associated with this facility.  
 POTW: The facility is not a POTW.  
 Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
 Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**Q70 SKYPARK AIRPORT PROPERTY**  
**NW 1636 135TH**  
**1/4-1/2 GARDENA, CA 90249**  
**0.460 mi.**  
**2429 ft. Site 1 of 3 in cluster Q**

**CA HIST CORTESE S105023890**  
**N/A**

**Relative: Lower** HIST CORTESE:  
 Region: CORTESE  
**Actual: 51 ft.** Facility County Code: 19  
 Reg By: LTNKA  
 Reg Id: 2476

**P71 SAMSON CHEMICAL (FORMER)**  
**NNW 1519-1531 134TH ST**  
**1/4-1/2 GARDENA, CA 90249**  
**0.461 mi.**  
**2432 ft. Site 2 of 5 in cluster P**

**CA CPS-SLIC S105911447**  
**N/A**

**Relative: Higher** CPS-SLIC:  
 Region: STATE  
**Actual: 68 ft.** **Facility Status: Completed - Case Closed**  
 Status Date: 09/25/1997  
 Global Id: SLT43596594  
 Lead Agency: LOS ANGELES RWQCB (REGION 4)  
 Lead Agency Case Number: Not reported  
 Latitude: 33.91081  
 Longitude: -118.30327  
 Case Type: Cleanup Program Site  
 Case Worker: Not reported  
 Local Agency: Not reported  
 RB Case Number: 0705  
 File Location: Not reported  
 Potential Media Affected: Not reported  
 Potential Contaminants of Concern: Not reported  
 Site History: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SAMSON CHEMICAL (FORMER) (Continued)**

**S105911447**

Click here to access the California GeoTracker records for this facility:

SLIC REG 4:  
 Region: 4  
 Facility Status: No further action required  
 SLIC: 0705  
 Substance: VOCs  
 Staff: Jenny Au

**P72  
 NNW  
 1/4-1/2  
 0.461 mi.  
 2436 ft.**

**SAMSON CHEMICAL CO (FORMER)  
 1521 134TH ST W  
 GARDENA, CA 90249**

**CA LUST S105033864  
 CA CPS-SLIC N/A**

**Site 3 of 5 in cluster P**

**Relative:  
 Higher  
 Actual:  
 68 ft.**

LUST REG 4:  
 Region: 4  
 Regional Board: 04  
 County: Los Angeles  
 Facility Id: I-11314  
 Status: Case Closed  
 Substance: Solvents  
 Substance Quantity: Not reported  
 Local Case No: Not reported  
 Case Type: Groundwater  
 Abatement Method Used at the Site: Not reported  
 Global ID: T0603703779  
 W Global ID: Not reported  
 Staff: SLC  
 Local Agency: 19000  
 Cross Street: STERN AVE  
 Enforcement Type: Not reported  
 Date Leak Discovered: 8/23/1988  
 Date Leak First Reported: 4/23/1990  
 Date Leak Record Entered: 6/12/1990  
 Date Confirmation Began: Not reported  
 Date Leak Stopped: 8/23/1988  
 Date Case Last Changed on Database: 9/24/1997  
 Date the Case was Closed: 9/24/1997  
 How Leak Discovered: OM  
 How Leak Stopped: Not reported  
 Cause of Leak: UNK  
 Leak Source: UNK  
 Operator: SAMSON, MAURIE  
 Water System: Not reported  
 Well Name: Not reported  
 Approx. Dist To Production Well (ft): 2260.221927522830663527728216  
 Source of Cleanup Funding: UNK  
 Preliminary Site Assessment Workplan Submitted: 12/2/1996  
 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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**SAMSON CHEMICAL CO (FORMER) (Continued)**

**S105033864**

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: SAMSON FAMILY TRUST  
 RP Address: PO BOX 1123, GARDENA, CA 90249-0123  
 Program: SLIC  
 Lat/Long: 33.9109171 / -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: 1ST LEVEL ENF LTR OUT  
 5/23/97-SUBSURFACE SITE ASSESSMENT TRANSFER  
 TO SLIC REFER TO SLIC #705

**CPS-SLIC:**

Region: STATE  
**Facility Status: Completed - Case Closed**  
 Status Date: 09/24/1997  
 Global Id: T0603703779  
 Lead Agency: LOS ANGELES RWQCB (REGION 4)  
 Lead Agency Case Number: Not reported  
 Latitude: 33.9108143  
 Longitude: -118.303077  
 Case Type: Cleanup Program Site  
 Case Worker: SLC  
 Local Agency: LOS ANGELES COUNTY  
 RB Case Number: I-11314  
 File Location: Not reported  
 Potential Media Affected: Aquifer used for drinking water supply  
 Potential Contaminants of Concern: \* Solvents  
 Site History: Not reported

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

**P73**  
**NNW**  
**1/4-1/2**  
**0.461 mi.**  
**2436 ft.**

**SAMSON CHEMICAL CO**  
**1521 W 134TH ST**  
**GARDENA, CA 90249**  
**Site 4 of 5 in cluster P**

**CA HIST UST U001563250**  
**CA HIST CORTESE N/A**  
**CA LOS ANGELES CO. HMS**

**Relative:**  
**Higher**  
**Actual:**  
**68 ft.**

**HIST UST:**  
 File Number: Not reported  
 URL: Not reported  
 Region: STATE  
 Facility ID: 00000018991  
 Facility Type: Other  
 Other Type: CHEMICALS COMP.  
 Contact Name: MAURICE SAMSON  
 Telephone: 2137701234  
 Owner Name: SARAMCO, INC.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAMSON CHEMICAL CO (Continued)**

**U001563250**

Owner Address: 1521 W 134TH STREET  
Owner City,St,Zip: GARDENA, CA 90249  
Total Tanks: 0012

Tank Num: 001  
Container Num: 1  
Year Installed: 1977  
Tank Capacity: 00009940  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: 1977  
Tank Capacity: 00009940  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor

Tank Num: 003  
Container Num: 3  
Year Installed: 1977  
Tank Capacity: 00009940  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor

Tank Num: 004  
Container Num: 4  
Year Installed: 1977  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor

Tank Num: 005  
Container Num: 5  
Year Installed: 1977  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor

Tank Num: 006  
Container Num: 6  
Year Installed: 1977  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAMSON CHEMICAL CO (Continued)**

**U001563250**

Tank Num: 007  
Container Num: 7  
Year Installed: 1977  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor

Tank Num: 008  
Container Num: 8  
Year Installed: 1977  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor

Tank Num: 009  
Container Num: 9  
Year Installed: 1977  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor

Tank Num: 010  
Container Num: 10  
Year Installed: 1977  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor

Tank Num: 011  
Container Num: 11  
Year Installed: 1977  
Tank Capacity: 00006000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: 3/16  
Leak Detection: Visual, Stock Inventor

Tank Num: 012  
Container Num: 12  
Year Installed: 1978  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: Visual, Stock Inventor

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 19

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SAMSON CHEMICAL CO (Continued)**

**U001563250**

Reg By: LTNKA  
Reg Id: I-11314

LOS ANGELES CO. HMS:

Region: LA  
Permit Category: T  
Facility Id: 011290-011314  
Facility Type: 0  
Facility Status: Removed  
Area: 2B  
Permit Number: 00002847T  
Permit Status: Removed

**Q74**  
**NW**  
**1/4-1/2**  
**0.464 mi.**  
**2451 ft.**

**COLEMAN**  
**1640 W 135TH STREET**  
**GARDENA, CA**  
**Site 2 of 3 in cluster Q**

**CA WMUDS/SWAT** **S103441331**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**51 ft.**

WMUDS/SWAT:  
Edit Date: Not reported  
Complexity: Not reported  
Primary Waste: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Base Meridian: Not reported  
NPID: Not reported  
Tonnage: 0  
Regional Board ID: Not reported  
Municipal Solid Waste: False  
Superorder: False  
Open To Public: False  
Waste List: False  
Agency Type: Not reported  
Agency Name: COLEMAN  
Agency Department: Not reported  
Agency Address: Not reported  
Agency City,St,Zip: Not reported  
Agency Contact: Not reported  
Agency Telephone: Not reported  
Land Owner Name: Not reported  
Land Owner Address: Not reported  
Land Owner City,St,Zip: CA  
Land Owner Contact: Not reported  
Land Owner Phone: Not reported  
Region: 4  
Facility Type: Not reported  
Facility Description: Not reported  
Facility Telephone: Not reported  
SWAT Facility Name: Not reported  
Primary SIC: Not reported  
Secondary SIC: Not reported  
Comments: Not reported  
Last Facility Editors: Not reported  
Waste Discharge System: False  
Solid Waste Assessment Test Program: True

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COLEMAN (Continued)**

**S103441331**

Toxic Pits Cleanup Act Program: False  
Resource Conservation Recovery Act: False  
Department of Defence: False  
Solid Waste Assessment Test Program: COLEMAN  
Threat to Water Quality: Not reported  
Sub Chapter 15: False  
Regional Board Project Officer: PKC  
Number of WMUDS at Facility: 1  
Section Range: Not reported  
RCRA Facility: Not reported  
Waste Discharge Requirements: Not reported  
Self-Monitoring Rept. Frequency: Not reported  
Waste Discharge System ID: 4 190055NUR  
Solid Waste Information ID: Not reported

**Q75**  
**NW**  
**1/4-1/2**  
**0.464 mi.**  
**2451 ft.**

**COLEMAN DUMP**  
**1640 WEST 135TH STREET**  
**GARDENA, CA**

**CA SWF/LF S111075857**  
**N/A**

**Site 3 of 3 in cluster Q**

**Relative:**  
**Lower**

LOS ANGELES CO. LF:

**Actual:**  
**51 ft.**

Site ID: 1906  
Alt. Address: Not reported  
Site Contact: Not reported  
Site Contact Phone: Not reported  
Site Email: Not reported  
Site Website: Not reported  
Site Type: Unknown  
Site SWIS Number: 19-AA-5385  
Beginning Operation Date: Not reported  
Ending Operation Date: Not reported  
Local Enforcement Agency: Not reported  
Maximun Depth Fill(Ft): Not reported  
Permitted Capacity: Not reported  
Present Use: Industrial  
Remaining Capacity(Million): Not reported  
Status: Closed  
Waste Accepted: Clean Dirt; Commercial; Liquid; Residential  
Hours of Operation: Not reported  
Disposal Area (Acre): Not reported

Detail As Of 01/2014:

Operator Name: Unknown  
Operator Address: Not reported  
Operator City/State/Zip: Not reported  
Operator Contact: Not reported  
Operator Telephone: Not reported  
Operator Email: Not reported  
Owner Name: William A. Coleman Trust  
Owner Address: 106 Calle Bella Loma  
Owner City/State/Zip: San Clemente, CA 92672  
Owner Contact: Not reported  
Owner Telephone: (714) 492-8231  
Owner Email: Not reported

MAP FINDINGS

Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
--	------	-------------	--------------------------------

76  
 West  
 1/4-1/2  
 0.466 mi.  
 2460 ft.

**BILLS SERV STAT MAINT INC**  
 1730 W 139TH ST  
 GARDENA, CA 90249

RCRA-SQG 1000292079  
 CA LUST CAD981423783  
 CA HIST UST  
 FINDS  
 ECHO  
 CA HAZNET  
 CA HIST CORTESE

Relative:  
 Lower

Actual:  
 49 ft.

RCRA-SQG:  
 Date form received by agency: 09/01/1996  
 Facility name: **BILLS SERV STAT MAINT INC**  
 Facility address: 1730 W 139TH ST  
 GARDENA, CA 90249  
 EPA ID: CAD981423783  
 Mailing address: 1730 WEST FIRST HUNDRED THIRTY  
 GARDENA, CA 90249  
 Contact: Not reported  
 Contact address: Not reported  
 Not reported  
 Contact country: US  
 Contact telephone: Not reported  
 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: WILLIAM H HIGGINS  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, ME 99999  
 Owner/operator country: Not reported  
 Owner/operator telephone: 415-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Owner  
 Owner/Op start date: Not reported  
 Owner/Op end date: Not reported  
  
 Owner/operator name: NOT REQUIRED  
 Owner/operator address: NOT REQUIRED  
 NOT REQUIRED, ME 99999  
 Owner/operator country: Not reported  
 Owner/operator telephone: 415-555-1212  
 Owner/operator email: Not reported  
 Owner/operator fax: Not reported  
 Owner/operator extension: Not reported  
 Legal status: Private  
 Owner/Operator Type: Operator  
 Owner/Op start date: Not reported  
 Owner/Op end date: Not reported

Handler Activities Summary:

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BILLS SERV STAT MAINT INC (Continued)**

**1000292079**

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 06/27/1986  
Site name: **BILLS SERV STAT MAINT INC**  
Classification: **Large Quantity Generator**

Violation Status: **No violations found**

LUST:

Lead Agency: **LOS ANGELES COUNTY**  
Case Type: **LUST Cleanup Site**  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603705182](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603705182)  
Global Id: **T0603705182**  
Latitude: **33.9053942**  
Longitude: **-118.307877**  
Status: **Completed - Case Closed**  
Status Date: **08/08/1996**  
Case Worker: **JOA**  
RB Case Number: **R-13204**  
Local Agency: **LOS ANGELES COUNTY**  
File Location: **Not reported**  
Local Case Number: **Not reported**  
Potential Media Affect: **Soil**  
Potential Contaminants of Concern: **Aviation**  
Site History: **Not reported**

LUST:

Global Id: **T0603705182**  
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: **T0603705182**  
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**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BILLS SERV STAT MAINT INC (Continued)**

**1000292079**

Phone Number: Not reported

LUST:

Global Id: T0603705182  
Action Type: Other  
Date: 08/08/1996  
Action: Leak Reported

LUST:

Global Id: T0603705182  
Status: Completed - Case Closed  
Status Date: 08/08/1996

Global Id: T0603705182  
Status: Open - Case Begin Date  
Status Date: 08/08/1996

LUST REG 4:

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: R-13204  
Status: Case Closed  
Substance: 1  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Soil  
Abatement Method Used at the Site: Not reported  
Global ID: T0603705182  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: Not reported  
Enforcement Type: Not reported  
Date Leak Discovered: Not reported  
Date Leak First Reported: 8/8/1996  
Date Leak Record Entered: 8/23/1996  
Date Confirmation Began: Not reported  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: 8/8/1996  
Date the Case was Closed: 8/8/1996  
How Leak Discovered: Not reported  
How Leak Stopped: Not reported  
Cause of Leak: Not reported  
Leak Source: Not reported  
Operator: Not reported  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 3306.858403437488238840447939  
Source of Cleanup Funding: Not reported  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BILLS SERV STAT MAINT INC (Continued)**

**1000292079**

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: BILL'S SERVICE STATION MAINT.  
RP Address: 1730 W 139TH ST., GARDENA CA 90249-3099  
Program: LUST  
Lat/Long: 33.9053942 / -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 UST:**

File Number: 00026775  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026775.pdf>  
Region: STATE  
Facility ID: 00000005255  
Facility Type: Other  
Other Type: CONSUMERS  
Contact Name: Not reported  
Telephone: 2137708971  
Owner Name: BILL'S SERVICE STATION MAINTEN  
Owner Address: 1730 W. 139TH ST  
Owner City,St,Zip: GARDENA, CA 90249  
Total Tanks: 0004

Tank Num: 001  
Container Num: 1  
Year Installed: Not reported  
Tank Capacity: 00001000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: Not reported  
Leak Detection: Stock Inventor

Tank Num: 002  
Container Num: 2  
Year Installed: Not reported  
Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: UNLEADED  
Container Construction Thickness: 1/4  
Leak Detection: 10

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**BILLS SERV STAT MAINT INC (Continued)**

**1000292079**

Tank Capacity: 00005000  
Tank Used for: PRODUCT  
Type of Fuel: REGULAR  
Container Construction Thickness: 1/4  
Leak Detection: 10  
  
Tank Num: 004  
Container Num: 4  
Year Installed: 1978  
Tank Capacity: 00001000  
Tank Used for: WASTE  
Type of Fuel: WASTE OIL  
Container Construction Thickness: 1/4  
Leak Detection: Visual

Click here for Geo Tracker PDF:

**FINDS:**

Registry ID: 110002701050

**Environmental Interest/Information System**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

**ECHO:**

Envid: 1000292079  
Registry ID: 110002701050  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002701050>

**HAZNET:**

Facility Name: BILLS SERV STAT MAINT INC  
envid: 1000292079  
Year: 1996  
GEPaid: CAD981423783  
Contact: BILLS SERV STAT MAINT INC  
Telephone: 2137708971  
Mailing Name: Not reported  
Mailing Address: 1730 W 139TH ST  
Mailing City,St,Zip: GARDENA, CA 902493004  
Gen County: Not reported  
TSD EPA ID: CAT080013352  
TSD County: Not reported  
Waste Category: Waste oil and mixed oil  
Disposal Method: Recycler  
Tons: 1.0425  
Cat Decode: Not reported  
Method Decode: Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**BILLS SERV STAT MAINT INC (Continued)**

**1000292079**

Facility County: Los Angeles

HIST CORTESE:

Region: CORTESE  
 Facility County Code: 19  
 Reg By: LTNKA  
 Reg Id: R-13204

**P77**  
**NNW**  
**1/4-1/2**  
**0.487 mi.**  
**2570 ft.**

**1545 WEST 134TH STREET**  
**1545 WEST 134TH STREET**  
**GARDENA, CA 90249**

**US BROWNFIELDS** **1016352492**  
**FINDS** **N/A**

**Site 5 of 5 in cluster P**

**Relative:**  
**Higher**  
**Actual:**  
**65 ft.**

US BROWNFIELDS:  
 Property Name: 1545 WEST 134TH STREET  
 Recipient Name: Gardena, City of  
 Grant Type: Assessment  
 Property Number: Not reported  
 Parcel size: Not reported  
 Latitude: 33.910942  
 Longitude: -118.30349  
 HCM Label: Not reported  
 Map Scale: Not reported  
 Point of Reference: Not reported  
 Highlights: Not reported  
 Datum: Not reported  
 Acres Property ID: 14377  
 IC Data Access: Not reported  
 Start Date: Not reported  
 Redev Completion Date: Not reported  
 Completed Date: Not reported  
 Acres Cleaned Up: Not reported  
 Cleanup Funding: Not reported  
 Cleanup Funding Source: Not reported  
 Assessment Funding: Not reported  
 Assessment Funding Source: Not reported  
 Redevelopment Funding: Not reported  
 Redev. Funding Source: Not reported  
 Redev. Funding Entity Name: Not reported  
 Redevelopment Start Date: Not reported  
 Assessment Funding Entity: Not reported  
 Cleanup Funding Entity: Not reported  
 Grant Type: N/A  
 Accomplishment Type: Phase I Environmental Assessment  
 Accomplishment Count: 0  
 Cooperative Agreement Number: 98976301  
 Start Date: 09/30/2004 00:00:00  
 Ownership Entity: Not reported  
 Completion Date: 09/30/2004 00:00:00  
 Current Owner: Not reported  
 Did Owner Change: Not reported  
 Cleanup Required: Not reported  
 Video Available: Not reported  
 Photo Available: Not reported  
 Institutional Controls Required: Not reported  
 IC Category Proprietary Controls: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

1545 WEST 134TH STREET (Continued)

1016352492

IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**1545 WEST 134TH STREET (Continued)**

**1016352492**

Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Not reported
Below Poverty Number:	846
Below Poverty Percent:	20.8%
Meidan Income:	5319
Meidan Income Number:	1814
Meidan Income Percent:	44.7%
Vacant Housing Number:	95
Vacant Housing Percent:	6.9%
Unemployed Number:	222
Unemployed Percent:	5.5%

**FINDS:**

Registry ID: 110039552613

**Environmental Interest/Information System**

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

78  
WSW  
1/4-1/2  
0.491 mi.  
2591 ft.

**UNITED OIL #02**  
**1744 ROSECRANS AVE W**  
**GARDENA, CA 90249**

**CA LUST S102424340**  
**CA HIST CORTESE N/A**

**Relative:**  
**Lower**  
**Actual:**  
**50 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=T0603703926](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603703926)  
Global Id: T0603703926  
Latitude: 33.9018382  
Longitude: -118.3082599  
Status: Completed - Case Closed  
Status Date: 11/21/2017  
Case Worker: JW  
RB Case Number: I-12104  
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: T0603703926  
Contact Type: Regional Board Caseworker  
Contact Name: JIMMIE WOO  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 WEST 4TH STREET, SUITE 200  
City: LOS ANGELES  
Email: [jwoo@waterboards.ca.gov](mailto:jwoo@waterboards.ca.gov)  
Phone Number: 2135766600

Global Id: T0603703926  
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](mailto:jawujo@dpw.lacounty.gov)  
Phone Number: 6264583507

LUST:

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2005  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2012  
Action: Conceptual Site Model

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2012  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2012  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 05/02/2013  
Action: Request for Closure - Regulator Responded

Global Id: T0603703926  
Action Type: Other  
Date: 01/19/1986  
Action: Leak Reported

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2006  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

Date: 07/15/2012  
Action: Conceptual Site Model

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2013  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2012  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2013  
Action: Conceptual Site Model

Global Id: T0603703926  
Action Type: ENFORCEMENT  
Date: 04/13/2009  
Action: Staff Letter

Global Id: T0603703926  
Action Type: ENFORCEMENT  
Date: 04/17/2017  
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2008  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2007  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2013  
Action: Conceptual Site Model

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 12/21/2016  
Action: Request for Closure - Regulator Responded

Global Id: T0603703926  
Action Type: ENFORCEMENT  
Date: 06/15/2009  
Action: Staff Letter

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2008  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2008  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

Date: 07/15/2007  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2003  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2003  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2002  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2013  
Action: Conceptual Site Model

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2016  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: ENFORCEMENT  
Date: 08/30/2000  
Action: Staff Letter

Global Id: T0603703926  
Action Type: ENFORCEMENT  
Date: 01/31/2003  
Action: Staff Letter

Global Id: T0603703926  
Action Type: ENFORCEMENT  
Date: 02/02/2005  
Action: Staff Letter

Global Id: T0603703926  
Action Type: ENFORCEMENT  
Date: 07/14/2017  
Action: Notification - Preclosure

Global Id: T0603703926  
Action Type: ENFORCEMENT  
Date: 11/21/2017  
Action: Closure/No Further Action Letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2009  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/16/2009  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2005  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2010  
Action: Conceptual Site Model

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 02/02/2010  
Action: Interim Remedial Action Report

Global Id: T0603703926  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

Date: 03/18/2015  
Action: Well Installation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 03/12/2014  
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0603703926  
Action Type: ENFORCEMENT  
Date: 01/14/2014  
Action: Staff Letter

Global Id: T0603703926  
Action Type: ENFORCEMENT  
Date: 09/09/2014  
Action: Staff Letter

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2009  
Action: Well Installation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2009  
Action: Conceptual Site Model

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 09/15/2009  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2002  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 05/10/2010  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Conceptual Site Model

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 08/27/2014  
Action: Clean Up Fund - 5-Year Review Summary

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

Global Id:	T0603703926
Action Type:	RESPONSE
Date:	01/15/2014
Action:	Monitoring Report - Semi-Annually
Global Id:	T0603703926
Action Type:	REMEDIATION
Date:	02/01/2015
Action:	Soil Vapor Extraction (SVE)
Global Id:	T0603703926
Action Type:	REMEDIATION
Date:	03/01/1995
Action:	Free Product Removal
Global Id:	T0603703926
Action Type:	REMEDIATION
Date:	08/01/1996
Action:	Excavation
Global Id:	T0603703926
Action Type:	RESPONSE
Date:	08/30/2002
Action:	Interim Remedial Action Plan
Global Id:	T0603703926
Action Type:	RESPONSE
Date:	04/15/2003
Action:	Soil and Water Investigation Report
Global Id:	T0603703926
Action Type:	RESPONSE
Date:	04/15/2004
Action:	CAP/RAP - Final Remediation / Design Plan
Global Id:	T0603703926
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Soil and Water Investigation Report
Global Id:	T0603703926
Action Type:	RESPONSE
Date:	07/15/2004
Action:	Monitoring Report - Quarterly
Global Id:	T0603703926
Action Type:	RESPONSE
Date:	10/15/2003
Action:	Soil and Water Investigation Report
Global Id:	T0603703926
Action Type:	RESPONSE
Date:	01/15/2003
Action:	Monitoring Report - Quarterly
Global Id:	T0603703926
Action Type:	RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

Date: 04/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2015  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 09/14/2017  
Action: Other Report / Document

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2016  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2016  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 09/26/2017  
Action: Other Report / Document

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2003  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2005  
Action: Soil and Water Investigation Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2003  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/25/2005  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2016  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2015  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2016  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2005  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2004  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

Date: 01/15/2010  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/27/2011  
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2011  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2011  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2011  
Action: Monitoring Report - Semi-Annually

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2011  
Action: Conceptual Site Model

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2015  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2015  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 04/15/2015  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: ENFORCEMENT  
Date: 09/29/2003  
Action: Staff Letter

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2007  
Action: Monitoring Report - Quarterly

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2006  
Action: Monitoring Report - Quarterly

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2006  
Action: Soil and Water Investigation Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 07/15/2011  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 10/15/2011  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/15/2012  
Action: Remedial Progress Report

Global Id: T0603703926  
Action Type: RESPONSE  
Date: 01/10/2012  
Action: Clean Up Fund - 5-Year Review Summary

**LUST:**

Global Id: T0603703926  
Status: Completed - Case Closed  
Status Date: 11/21/2017

Global Id: T0603703926  
Status: Open - Case Begin Date  
Status Date: 01/19/1986

Global Id: T0603703926  
Status: Open - Remediation  
Status Date: 08/03/2000

Global Id: T0603703926  
Status: Open - Remediation  
Status Date: 01/31/2003

Global Id: T0603703926  
Status: Open - Remediation  
Status Date: 12/22/2004

Global Id: T0603703926  
Status: Open - Remediation  
Status Date: 02/02/2005

Global Id: T0603703926  
Status: Open - Remediation  
Status Date: 04/12/2005

Global Id: T0603703926  
Status: Open - Remediation  
Status Date: 05/03/2007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

Global Id: T0603703926  
Status: Open - Remediation  
Status Date: 04/13/2009

**LUST REG 4:**

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-12104  
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: Not reported  
Global ID: T0603703926  
W Global ID: Not reported  
Staff: JW  
Local Agency: 19000  
Cross Street: WESTERN AVE  
Enforcement Type: DLSEL  
Date Leak Discovered: Not reported  
Date Leak First Reported: 1/19/1986  
Date Leak Record Entered: 8/11/1987  
Date Confirmation Began: Not reported  
Date Leak Stopped: Not reported  
Date Case Last Changed on Database: 8/9/2002  
Date the Case was Closed: Not reported  
How Leak Discovered: Not reported  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: UNITED OIL STATION #02  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 2629.9365402617306796655733721  
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: 8/3/2000  
Remedial Action Underway: 1/31/2003  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: 2/18/2002  
Hist Max MTBE Conc in Groundwater: 127000  
Hist Max MTBE Conc in Soil: .86  
Significant Interim Remedial Action Taken: Not reported  
GW Qualifier: =  
Soil Qualifier: =  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: JEFF APPEL  
RP Address: 18525 S. MAIN ST.  
Program: LUST  
Lat/Long: 33.9018382 / -1

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**UNITED OIL #02 (Continued)**

**S102424340**

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: (FREE PRODUCT SHEEN) ; 9/26/00 3RD QTR GW MON RPT 2000; 12/29/00 4TH QTR GW MON RPT 2000; 1/22/01 PILOT STUDIES & TREATMENT FEASIBILITY EVALUATION; 4/5/01 1ST QTR STATUS RPT 2001

HIST CORTESE:  
Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-12104

**R79**  
**West**  
**1/4-1/2**  
**0.498 mi.**  
**2630 ft.**

**TOBIA DUMP #2**  
**14108 S. WESTERN AVE.**  
**GARDENA, CA**

**CA SWF/LF** **S103587967**  
**N/A**

**Site 1 of 4 in cluster R**

**Relative:** SWF/LF (SWIS):  
**Lower** Facility ID: 19-AA-5230  
Lat/Long: 33.925 / -118.31056  
**Actual:** Owner Name: Ywk Corp  
**49 ft.** Owner Telephone: 2133211131  
Owner Address: Not reported  
Owner Address2: 14108 Western Ave.  
Owner City,St,Zip: Gardena, CA 90249  
Operational Status: Closed  
Operator: Yang, Ya Chien  
Operator Phone: Not reported  
Operator Address: Not reported  
Operator Address2: 27963 Farm Hill Dr.  
Operator City,St,Zip: Hayward, CA 94542  
Permit Date: Not reported  
Permit Status: Not reported  
Permitted Acreage: \$0.00  
Activity: Solid Waste Disposal Site  
Regulation Status: Unpermitted  
Landuse Name: Residential,Industrial  
GIS Source: Map  
Category: Disposal  
Unit Number: 01  
Inspection Frequency: Annual  
Accepted Waste: Not reported  
Closure Date: Not reported  
Closure Type: Not reported  
Disposal Acreage: \$0.00  
SWIS Num: 19-AA-5230  
Waste Discharge Requirement Num: Not reported  
Program Type: Not reported  
Permitted Throughput with Units: 0  
Actual Throughput with Units: Not reported  
Permitted Capacity with Units: 0  
Remaining Capacity: 0

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**TOBIA DUMP #2 (Continued)**

**S103587967**

Remaining Capacity with Units: Not reported  
 Lat/Long: 33.925 / -118.31056

**R80**  
**West**  
**1/4-1/2**  
**0.500 mi.**  
**2638 ft.**

**STABOND CORPORATION**  
**14010 WESTERN AVENUE**  
**GARDENA, CA 90429**

**CA CPS-SLIC**

**S118504869**  
**N/A**

**Site 2 of 4 in cluster R**

**Relative:**  
**Lower**

CPS-SLIC:  
 Region: STATE  
**Facility Status: Open - Inactive**  
 Status Date: 04/19/2016  
 Global Id: T10000008804  
 Lead Agency: LOS ANGELES RWQCB (REGION 4)  
 Lead Agency Case Number: Not reported  
 Latitude: 33.90431  
 Longitude: -118.3085  
 Case Type: Cleanup Program Site  
 Case Worker: AGH  
 Local Agency: Not reported  
 RB Case Number: 1372  
 File Location: Not reported  
 Potential Media Affected: Not reported  
 Potential Contaminants of Concern: Not reported  
 Site History: Not reported

**Actual:**  
**49 ft.**

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

**R81**  
**West**  
**1/4-1/2**  
**0.500 mi.**  
**2638 ft.**

**STABOND CORPORATION**  
**14010 S. WESTERN AVE.**  
**GARDENA, CA 90249**

**US BROWNFIELDS**  
**ICIS**  
**FINDS**  
**ECHO**

**1004442140**  
**N/A**

**Site 3 of 4 in cluster R**

**Relative:**  
**Lower**

US BROWNFIELDS:  
 Property Name: STABOND CORPORATION  
 Recipient Name: Gardena, City of  
 Grant Type: Assessment  
 Property Number: 6102-014-021,6102-014-023  
 Parcel size: 1.92  
 Latitude: 33.9028381  
 Longitude: -118.3088176  
 HCM Label: Interpolation-Satellite  
 Map Scale: Not reported  
 Point of Reference: Center of a Facility or Station  
 Highlights: Not reported  
 Datum: World Geodetic System of 1984  
 Acres Property ID: 166603  
 IC Data Access: Not reported  
 Start Date: Not reported  
 Redev Completion Date: Not reported  
 Completed Date: Not reported  
 Acres Cleaned Up: Not reported  
 Cleanup Funding: Not reported  
 Cleanup Funding Source: Not reported

**Actual:**  
**49 ft.**

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STABOND CORPORATION (Continued)**

**1004442140**

Assessment Funding:	4000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	00T30001
Start Date:	06/25/2013 00:00:00
Ownership Entity:	Private
Completion Date:	07/25/2013 00:00:00
Current Owner:	Western Avenue Property LP/Palmazul LLC
Did Owner Change:	N
Cleanup Required:	U
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	N
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**STABOND CORPORATION (Continued)**

**1004442140**

Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Surface Water:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	1.92
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	1.92
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
Nickel Cleaned Up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	The Stabond Corporation site has been used for industrial manufacturing operations since the mid to late 1950s. Chemicals used at the site include 1,1,1-trichloroethane, hexane, acetone, toluene, resins, rubber, latex, clays, acids, corrosives, methyl ethyl ketone, methylene chloride, phenolics, magnesium oxide, lacquer diluent, isocyanate, waste oils (include gear, hydraulic, motor, and compressor), urethane, ammonia, mineral spirits, peroxides, neoprene elastomers, and nitriles.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STABOND CORPORATION (Continued)**

**1004442140**

Below Poverty Number: 1123  
Below Poverty Percent: 24.8%  
Meidan Income: 8647  
Meidan Income Number: 2315  
Meidan Income Percent: 51.2%  
Vacant Housing Number: 170  
Vacant Housing Percent: 10.8%  
Unemployed Number: 210  
Unemployed Percent: 4.6%

ICIS:

Enforcement Action ID: HQ-100018719  
FRS ID: 110000474683  
Action Name: Stabond Corp.  
Facility Name: STABOND CORPORATION  
Facility Address: 14010 S. WESTERN AVE.  
GARDENA, CA 902493008  
  
Enforcement Action Type: Notice of Noncompliance Issued  
Facility County: LOS ANGELES  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NONC  
Facility SIC Code: Not reported  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.904114  
Longitude in Decimal Degrees: -118.309145  
Permit Type Desc: Not reported  
Program System Acronym: 1593350  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Enforcement Action ID: HQ-100018719  
FRS ID: 110000474683  
Action Name: Stabond Corp.  
Facility Name: STABOND CORP  
Facility Address: 14010 SOUTH WESTERN AVENUE  
GARDENA, CA 90249-3008  
  
Enforcement Action Type: Notice of Noncompliance Issued  
Facility County: LOS ANGELES  
Program System Acronym: TRIS  
Enforcement Action Forum Desc: Administrative - Informal  
EA Type Code: NONC  
Facility SIC Code: Not reported  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.904114  
Longitude in Decimal Degrees: -118.309145  
Permit Type Desc: Not reported  
Program System Acronym: 90249STBND14010  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

FINDS:

Registry ID: 110000474683

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**STABOND CORPORATION (Continued)**

**1004442140**

Environmental Interest/Information System

US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES) is an federal online database for Brownfields Grantees to electronically submit data directly to EPA.

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.

HAZARDOUS AIR POLLUTANT MAJOR

STATE MASTER

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

ECHO:

Envid: 1004442140  
 Registry ID: 110000474683  
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110000474683>

**R82**  
**West**  
**1/4-1/2**  
**0.500 mi.**  
**2638 ft.**

**STABOND CORPORATION**  
**14010 WESTERN AVE S**  
**GARDENA, CA 90249**  
**Site 4 of 4 in cluster R**

**CA LUST 1000853880**  
**CA HIST CORTESE N/A**

**Relative:**  
**Lower**  
**Actual:**  
**49 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=T0603701290](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701290)  
 Global Id: T0603701290  
 Latitude: 33.9040912  
 Longitude: -118.308933  
 Status: Completed - Case Closed  
 Status Date: 12/04/2013  
 Case Worker: MB  
 RB Case Number: 902490152  
 Local Agency: LOS ANGELES COUNTY  
 File Location: Regional Board

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STABOND CORPORATION (Continued)**

**1000853880**

Local Case Number: Not reported  
Potential Media Affect: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Toluene  
Site History: Not reported

LUST:

Global Id: T0603701290  
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: T0603701290  
Contact Type: Regional Board Caseworker  
Contact Name: MAGDY BAIADY  
Organization Name: LOS ANGELES RWQCB (REGION 4)  
Address: 320 W. 4TH ST., SUITE 200  
City: LOS ANGELES  
Email: mbaady@waterboards.ca.gov  
Phone Number: 2135766699

LUST:

Global Id: T0603701290  
Action Type: Other  
Date: 04/19/1988  
Action: Leak Reported

Global Id: T0603701290  
Action Type: ENFORCEMENT  
Date: 09/16/2008  
Action: Notice to Comply

Global Id: T0603701290  
Action Type: ENFORCEMENT  
Date: 06/15/2009  
Action: Staff Letter

Global Id: T0603701290  
Action Type: ENFORCEMENT  
Date: 07/10/2002  
Action: Staff Letter

Global Id: T0603701290  
Action Type: ENFORCEMENT  
Date: 10/01/2010  
Action: Site Visit / Inspection / Sampling

Global Id: T0603701290  
Action Type: ENFORCEMENT  
Date: 07/30/2010  
Action: Site Visit / Inspection / Sampling

Global Id: T0603701290  
Action Type: ENFORCEMENT

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**STABOND CORPORATION (Continued)**

**1000853880**

Date: 12/04/2013  
Action: Staff Letter

Global Id: T0603701290  
Action Type: RESPONSE  
Date: 08/15/2002  
Action: Other Report / Document

Global Id: T0603701290  
Action Type: Other  
Date: 04/19/1988  
Action: Leak Discovery

Global Id: T0603701290  
Action Type: Other  
Date: 04/19/1988  
Action: Leak Stopped

**LUST:**

Global Id: T0603701290  
Status: Completed - Case Closed  
Status Date: 12/04/2013

Global Id: T0603701290  
Status: Open - Case Begin Date  
Status Date: 04/19/1988

Global Id: T0603701290  
Status: Open - Eligible for Closure  
Status Date: 01/17/2013

Global Id: T0603701290  
Status: Open - Site Assessment  
Status Date: 12/23/1988

**LUST REG 4:**

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: 902490152  
Status: Pollution Characterization  
Substance: Toluene  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Groundwater  
Abatement Method Used at the Site: OT  
Global ID: T0603701290  
W Global ID: Not reported  
Staff: MB  
Local Agency: 19000  
Cross Street: ROSECRANS  
Enforcement Type: LET  
Date Leak Discovered: 4/19/1988  
Date Leak First Reported: 4/19/1988  
Date Leak Record Entered: 5/31/1988

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**STABOND CORPORATION (Continued)**

**1000853880**

Date Confirmation Began: Not reported  
 Date Leak Stopped: 4/19/1988  
 Date Case Last Changed on Database: 11/13/1997  
 Date the Case was Closed: Not reported  
 How Leak Discovered: OM  
 How Leak Stopped: Not reported  
 Cause of Leak: UNK  
 Leak Source: UNK  
 Operator: PARFITT TRUST FUND  
 Water System: Not reported  
 Well Name: Not reported  
 Approx. Dist To Production Well (ft): 2774.3119810208590137642377867  
 Source of Cleanup Funding: UNK  
 Preliminary Site Assessment Workplan Submitted: Not reported  
 Preliminary Site Assessment Began: Not reported  
 Pollution Characterization Began: 12/23/1988  
 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: DON MARTINSON  
 RP Address: 14010 S WESTERN  
 Program: LUST  
 Lat/Long: 33.9040912 / -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: THE RP IS CONTESTING THE NEED FOR A SITE INVESTIGATION TO DETERMINE THE GW QUALITY. ADDITIONAL INFORMATION REQUESTED.

**HIST CORTESE:**  
 Region: CORTESE  
 Facility County Code: 19  
 Reg By: LTNKA  
 Reg Id: 902490152

**83**  
**WNW**  
**1/2-1**  
**0.514 mi.**  
**2715 ft.**

**KB GARDENA BUILDING LLC**  
**13720 SOUTH WESTERN AVENUE**  
**GARDENA, CA 90249**

**CA ENVIROSTOR** **S109149592**  
**CA VCP** **N/A**  
**CA DEED**

**Relative:** ENVIROSTOR:  
**Lower** Facility ID: 60000955  
**Actual:** Status: Active  
**48 ft.** Status Date: 08/07/2008

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Site Code: 301395  
Site Type: Voluntary Cleanup  
Site Type Detailed: Voluntary Cleanup  
Acres: 4.2  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Chand Sultana  
Supervisor: Allan Plaza  
Division Branch: Cleanup Chatsworth  
Assembly: 62  
Senate: 35  
Special Program: Voluntary Cleanup Program  
Restricted Use: YES  
Site Mgmt Req: NONE SPECIFIED  
Funding: Responsible Party  
Latitude: 33.90662  
Longitude: -118.3087  
APN: 6102013006  
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE, MANUFACTURING - METAL, METAL FINISHING  
Potential COC: Lead Trichloroethylene (TCE Vinyl chloride Chromium III Copper and compounds Zinc  
Confirmed COC: Chromium III Copper and compounds Zinc Vinyl chloride Trichloroethylene (TCE Lead  
Potential Description: AQUI, SOIL, SV  
Alias Name: 6102013006  
Alias Type: APN  
Alias Name: 301395  
Alias Type: Project Code (Site Code)  
Alias Name: 60000955  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/28/2017  
Comments: 2017-2018 Annual Oversight Cost Estimate

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Voluntary Cleanup Agreement  
Completed Date: 08/11/2008  
Comments: Final VCA for oversight of KB Gardena Building completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/15/2016  
Comments: Letter and CE sent out.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Completion Report  
Completed Date: 09/17/2017  
Comments: completed

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/27/2017  
Comments: Ongoing GW monitoring. No letter issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/09/2018  
Comments: Ongoing indoor monitoring. No letter issued.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/29/2018  
Comments: Ongoing GW monitoring. No comments. No letter issued.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/22/2018  
Comments: Ongoing GW monitoring. No letter issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/17/2018  
Comments: On going GW monitoring. No formal letter was issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/29/2018  
Comments: Ongoing indoor air monitoring. No letter issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/29/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/13/2018  
Comments: Monitoring Report

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 05/28/2011  
Comments: Not reported

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Date: 03/20/2018  
Comments: LUC recorded.

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 03/22/2011  
Comments: Laura Kaweski reviewed CHRIS Report.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 06/13/2015  
Comments: completed

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 10/24/2014  
Comments: completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 01/29/2015  
Comments: Approved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 10/12/2015  
Comments: done

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 03/08/2016  
Comments: completed

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 11/09/2015  
Comments: completed.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/22/2016  
Comments: Ongoing GW monitoring.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/20/2017  
Comments: Regular monitoring. No letter issued.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 03/09/2016  
Comments: completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 05/13/2016  
Comments: Ongoing soil gas monitoring.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 10/18/2016  
Comments: completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 01/20/2017  
Comments: Regular monitoring. No letter issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/24/2017  
Comments: DTSC does not have any comments. No letter issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 05/18/2017  
Comments: Approved.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 12/08/2014  
Comments: Public comment period ended.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/25/2014  
Comments: 2014-2015 Estimated Oversight Costs

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 08/11/2008  
Comments: Proponent submitted electronic version of background information including Phase 1 and Site Assessment Report and Remediation Proposal.  
Not reported

Completed Area Name: Operable Unit 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Sub Area Name: Not reported  
Completed Document Type: Well Installation Workplan  
Completed Date: 11/10/2008  
Comments: Not reported

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 04/30/2009  
Comments: Field Work completed.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Completion Report  
Completed Date: 07/12/2010  
Comments: Report apprpved.

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 04/07/2011  
Comments: Not reported

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Installation Workplan  
Completed Date: 08/24/2009  
Comments: Revised Addendum to Onsite Well Installation WorkPlan approved by sending an e-mail to the RP.

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 04/07/2011  
Comments: RI/FS completed.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/10/2011  
Comments: Not reported

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 06/28/2011  
Comments: Not reported

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Risk Assessment Report  
Completed Date: 06/08/2011  
Comments: DTSC approved the HHRA.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Date: 11/10/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 07/28/2011  
Comments: RP submitted other reports to complete the investigation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 07/11/2011  
Comments: SVE was not feasible in the shallow sandy soil. Pilot testing indicates that it requires excavation and removal of the sandy soil deeper and then running SVE.

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Pilot Study/Treatability Workplan  
Completed Date: 10/03/2011  
Comments: Not reported

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Design - Preliminary/Intermediate  
Completed Date: 04/20/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 02/28/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Treatability Study Report  
Completed Date: 04/07/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 11/23/2011  
Comments: Soil excavation completed.

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 06/25/2011  
Comments: Not reported

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 04/27/2011

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Comments: Fact Sheet completed.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 02/10/2012  
Comments: RP will take care of DTSC's comments in the upcoming Fourth Quarter Groundwater Monitoring report.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 07/11/2012  
Comments: report reviewed.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 09/30/2012  
Comments: Monitoring for first quarter 2012 completed.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Installation Workplan  
Completed Date: 06/14/2012  
Comments: WP approved by an e-mail.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 12/11/2014  
Comments: Not reported

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 10/29/2012  
Comments: DTSC reviewed and recommended to make changes in future Quarterly Reports.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 04/06/2013  
Comments: 4th Q Report submitted.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 02/11/2014  
Comments: Not reported

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/10/2013  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Area A  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 06/27/2013  
Comments: Not reported

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 09/17/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 09/17/2013  
Comments: letter

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 09/17/2013  
Comments: DTSC reduced the frequency from quarterly GW monitoring to semiannually.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 06/05/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 05/02/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 04/13/2014  
Comments: completed

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 05/15/2014  
Comments: completed

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Risk Assessment Report  
Completed Date: 08/29/2016  
Comments: completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 11/12/2014  
Comments: letter

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 01/23/2015  
Comments: completed

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 10/24/2014  
Comments: completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/11/2015  
Comments: completed

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: 5 Year Review Reports  
Future Due Date: 2023  
Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Operations and Maintenance Plan  
Future Due Date: 2019  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Certification  
Schedule Due Date: 05/10/2019  
Schedule Revised Date: Not reported

VCP:

Facility ID: 60000955  
Site Type: Voluntary Cleanup  
Site Type Detail: Voluntary Cleanup  
Site Mgmt. Req.: NONE SPECIFIED  
Acres: 4.2  
National Priorities List: NO  
Cleanup Oversight Agencies: SMBRP  
Lead Agency: SMBRP  
Lead Agency Description: DTSC - Site Cleanup Program  
Project Manager: Chand Sultana  
Supervisor: Allan Plaza  
Division Branch: Cleanup Chatsworth  
Site Code: 301395  
Assembly: 62  
Senate: 35  
Special Programs Code: Voluntary Cleanup Program  
Status: Active  
Status Date: 08/07/2008  
Restricted Use: YES  
Funding: Responsible Party

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Lat/Long: 33.90662 / -118.3087  
APN: 6102013006  
Past Use: AEROSPACE MANUFACTURING/MAINTENANCE, MANUFACTURING - METAL, METAL FINISHING  
Potential COC: 30013, 30027, 30028, 30152, 30156, 30594  
Confirmed COC: 30152,30156,30594,30028,30027,30013  
Potential Description: AQUI, SOIL, SV  
Alias Name: 6102013006  
Alias Type: APN  
Alias Name: 301395  
Alias Type: Project Code (Site Code)  
Alias Name: 60000955  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/28/2017  
Comments: 2017-2018 Annual Oversight Cost Estimate

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Voluntary Cleanup Agreement  
Completed Date: 08/11/2008  
Comments: Final VCA for oversight of KB Gardena Building completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 10/15/2016  
Comments: Letter and CE sent out.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Action Completion Report  
Completed Date: 09/17/2017  
Comments: completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/27/2017  
Comments: Ongoing GW monitoring. No letter issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/09/2018  
Comments: Ongoing indoor monitoring. No letter issued.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/29/2018  
Comments: Ongoing GW monitoring. No comments. No letter issued.

Completed Area Name: Operable Unit 2

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/22/2018  
Comments: Ongoing GW monitoring. No letter issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 09/17/2018  
Comments: On going GW monitoring. No formal letter was issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/29/2018  
Comments: Ongoing indoor air monitoring. No letter issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/29/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 08/13/2018  
Comments: Monitoring Report

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 05/28/2011  
Comments: Not reported

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Land Use Restriction  
Completed Date: 03/20/2018  
Comments: LUC recorded.

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 03/22/2011  
Comments: Laura Kaweski reviewed CHRIS Report.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 06/13/2015  
Comments: completed

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 10/24/2014

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Comments: completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 01/29/2015  
Comments: Approved.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 10/12/2015  
Comments: done

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 03/08/2016  
Comments: completed

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 11/09/2015  
Comments: completed.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/22/2016  
Comments: Ongoing GW monitoring.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/20/2017  
Comments: Regular monitoring. No letter issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 03/09/2016  
Comments: completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 05/13/2016  
Comments: Ongoing soil gas monitoring.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 10/18/2016  
Comments: completed

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 01/20/2017  
Comments: Regular monitoring. No letter issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/24/2017  
Comments: DTSC does not have any comments. No letter issued.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 05/18/2017  
Comments: Approved.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 12/08/2014  
Comments: Public comment period ended.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/25/2014  
Comments: 2014-2015 Estimated Oversight Costs

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 08/11/2008  
Comments: Proponent submitted electronic version of background information including Phase 1 and Site Assessment Report and Remediation Proposal.  
Not reported

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Installation Workplan  
Completed Date: 11/10/2008  
Comments: Not reported

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 04/30/2009  
Comments: Field Work completed.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Completion Report  
Completed Date: 07/12/2010  
Comments: Report apprvped.

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 04/07/2011  
Comments: Not reported

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Installation Workplan  
Completed Date: 08/24/2009  
Comments: Revised Addendum to Onsite Well Installation WorkPlan approved by sending an e-mail to the RP.

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 04/07/2011  
Comments: RI/FS completed.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/10/2011  
Comments: Not reported

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 06/28/2011  
Comments: Not reported

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Risk Assessment Report  
Completed Date: 06/08/2011  
Comments: DTSC approved the HHRA.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/10/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 07/28/2011  
Comments: RP submitted other reports to complete the investigation.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 07/11/2011  
Comments: SVE was not feasible in the shallow sandy soil. Pilot testing indicates that it requires excavation and removal of the sandy soil deeper and then running SVE.

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Document Type: Pilot Study/Treatability Workplan  
Completed Date: 10/03/2011  
Comments: Not reported

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Design - Preliminary/Intermediate  
Completed Date: 04/20/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Completion Report  
Completed Date: 02/28/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Treatability Study Report  
Completed Date: 04/07/2012  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fieldwork  
Completed Date: 11/23/2011  
Comments: Soil excavation completed.

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 06/25/2011  
Comments: Not reported

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 04/27/2011  
Comments: Fact Sheet completed.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 02/10/2012  
Comments: RP will take care of DTSC's comments in the upcoming Fourth Quarter Groundwater Monitoring report.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 07/11/2012  
Comments: report reviewed.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 09/30/2012

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Comments: Monitoring for first quarter 2012 completed.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Well Installation Workplan  
Completed Date: 06/14/2012  
Comments: WP approved by an e-mail.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Removal Action Workplan  
Completed Date: 12/11/2014  
Comments: Not reported

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 10/29/2012  
Comments: DTSC reviewed and recommended to make changes in future Quarterly Reports.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 04/06/2013  
Comments: 4th Q Report submitted.

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation / Feasibility Study  
Completed Date: 02/11/2014  
Comments: Not reported

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 06/10/2013  
Comments: Not reported

Completed Area Name: Operable Unit 1  
Completed Sub Area Name: Area A  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 06/27/2013  
Comments: Not reported

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 09/17/2013  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 09/17/2013  
Comments: letter

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 09/17/2013  
Comments: DTSC reduced the frequency from quarterly GW monitoring to semiannually.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 06/05/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 05/02/2014  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 04/13/2014  
Comments: completed

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedial Investigation Report  
Completed Date: 05/15/2014  
Comments: completed

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Risk Assessment Report  
Completed Date: 08/29/2016  
Comments: completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 11/12/2014  
Comments: letter

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Remedy Constructed: Operating Properly & Successfully  
Completed Date: 01/23/2015  
Comments: completed

Completed Area Name: Operable Unit 2  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 10/24/2014  
Comments: completed

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**KB GARDENA BUILDING LLC (Continued)**

**S109149592**

Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 09/11/2015  
Comments: completed

Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: 5 Year Review Reports  
Future Due Date: 2023  
Future Area Name: PROJECT WIDE  
Future Sub Area Name: Not reported  
Future Document Type: Operations and Maintenance Plan  
Future Due Date: 2019  
Schedule Area Name: PROJECT WIDE  
Schedule Sub Area Name: Not reported  
Schedule Document Type: Certification  
Schedule Due Date: 05/10/2019  
Schedule Revised Date: Not reported

DEED:

Envirostor ID: 60000955  
Area: OPERABLE UNIT 1  
Sub Area: Not reported  
Site Type: VOLUNTARY CLEANUP  
Status: ACTIVE  
Agency: Not reported  
Covenant Uploaded: Not reported  
Deed Date(s): 03/20/2018  
File Name: Envirostor Land Use Restrictions

84  
NW  
1/2-1  
0.517 mi.  
2732 ft.

**ELECTRO BLEACH PRODUCTS COMPANY, INC**  
**1628 WEST 134TH STREET**  
**GARDENA, CA 90249**

**CA ENVIROSTOR 1000181771**  
**CA LOS ANGELES CO. HMS N/A**

Relative:  
Higher  
Actual:  
58 ft.

ENVIROSTOR:  
Facility ID: 19280149  
Status: No Further Action  
Status Date: 06/01/1985  
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 Cypress  
Assembly: 62  
Senate: 35  
Special Program: \* Site Char & Assess Grant (CERCLA 104)  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.91035  
Longitude: -118.3057

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ELECTRO BLEACH PRODUCTS COMPANY, INC (Continued)**

**1000181771**

APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: \* AQUEOUS SOLUTION WITH TOTAL ORGANIC RESIDUES > 10 \* DETERGENT & SOAP \* UNSPECIFIED AQUEOUS SOLUTION  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CAD009526641  
Alias Type: EPA Identification Number  
Alias Name: 19280149  
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: 10/25/1994  
Comments: Database verification project confirms NFA for DTSC.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 06/01/1985  
Comments: FAC TYPE: 4 650GAL ABOVE-G TANKS, 1 TRAP DHS IW SURVEY, 1/9/83 - SOURCE ACT: MFG & PACKAGE HOUSEHOLD BLEACH(SODIUM HYPO- CHLORITE SOL'N 5.25%). YR OF OPER: 1950- PRESENT SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 05/15/1980  
Comments: FACILITY IDENTIFIED IW SURVEY QUESTIONNAIRE 12580 QUESTIONNAIRE RECEIVED

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

LOS ANGELES CO. HMS:

Region: LA  
Permit Category: I  
Facility Id: 002880-102977  
Facility Type: 01  
Facility Status: Closed  
Area: 2B  
Permit Number: 000001184  
Permit Status: Closed

Region: LA  
Permit Category: Not reported  
Facility Id: 002880-031610

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ELECTRO BLEACH PRODUCTS COMPANY, INC (Continued)**

**1000181771**

Facility Type: Not reported  
Facility Status: OPEN  
Area: 2B  
Permit Number: Not reported  
Permit Status: Not reported

**85  
NNW  
1/2-1  
0.573 mi.  
3027 ft.**

**GOLDEN STATE RUBBER & LATEX CORPORATION  
1538 WEST 132ND STREET  
GARDENA, CA 90249**

**CA ENVIROSTOR 1000186986  
N/A**

**Relative:  
Higher**

**ENVIROSTOR:**

**Actual:  
79 ft.**

Facility ID: 19300004  
Status: Refer: Other Agency  
Status Date: 08/31/1995  
Site Code: Not reported  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Chatsworth  
Assembly: 62  
Senate: 35  
Special Program: \* Site Char & Assess Grant (CERCLA 104)  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.91211  
Longitude: -118.3037  
APN: 6102008007  
Past Use: NONE SPECIFIED  
Potential COC: \* ACID SOLUTION 2>PH WITH METALS \* UNSPECIFIED SLUDGE WASTE  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 6102008007  
Alias Type: APN  
Alias Name: CAD980886725  
Alias Type: EPA Identification Number  
Alias Name: 19300004  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 06/01/1985  
Comments: AFTER 1959 USED DRUMS & HAULED AWAY. BTW 1963 TO 1970 USED LINED SUMP & CLARIFIER NOW TANK IS USED. FAC TYPE: PRIOR TO 1959 DISP OF BRINE INTO GROUND AT THE REAR OF PROPERTY. SOURCE ACT: LACE IW SURVEY 2/7/83 - MFG OF RUBBER PRODS-SPORTING GOODS,GASKETS, GROMMETS,PACKING,BUSHING,DIAPHRAGMS, BLADDERS,BELLOWS,ETC. ASP IW SURVEY 2/7/ 83 - CUSTOM BUBBERCP, RESSOPM MOLDING. YR OF OPER: 1950-PRESENT. FINAL STRATEGY RECOM - REFERRED TO CO HLTH/TSC PROG.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**GOLDEN STATE RUBBER & LATEX CORPORATION (Continued)**

**1000186986**

SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 01/05/1982  
Comments: FACILITY IDENTIFIED LA CHAM OF COMM DIRECTORY 1956

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

86  
NW  
1/2-1  
0.593 mi.  
3132 ft.  
Relative:  
Higher  
Actual:  
55 ft.

**ANGELUS PLATING WORKS**  
1713 W 134 ST  
GARDENA, CA 90249

SEMS-ARCHIVE 1000205512  
RCRA-SQG CAD009547233  
CA ENVIROSTOR  
CA SWEEPS UST  
CA EMI  
CA HAZNET  
CA LOS ANGELES CO. HMS  
CA NPDES  
CA CIWQS

SEMS Archive:  
Site ID: 0901224  
EPA ID: CAD009547233  
Cong District: 27  
FIPS Code: 06037  
FF: N  
NPL: Not on the NPL  
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:  
Region: 09  
Site ID: 0901224  
EPA ID: CAD009547233  
Site Name: ANGELUS PLATING WORKS  
NPL: N  
FF: N  
OU: 00  
Action Code: VS  
Action Name: ARCH SITE  
SEQ: 1  
Start Date: Not reported  
Finish Date: 1985-12-01 06:00:00  
Qual: Not reported  
Current Action Lead: EPA Perf In-Hse

Region: 09  
Site ID: 0901224  
EPA ID: CAD009547233  
Site Name: ANGELUS PLATING WORKS  
NPL: N

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

FF: N  
OU: 00  
Action Code: PA  
Action Name: PA  
SEQ: 1  
Start Date: 1985-07-01 05:00:00  
Finish Date: 1985-12-01 06:00:00  
Qual: N  
Current Action Lead: St Perf

Region: 09  
Site ID: 0901224  
EPA ID: CAD009547233  
Site Name: ANGELUS PLATING WORKS  
NPL: N  
FF: N  
OU: 00  
Action Code: DS  
Action Name: DISCVRY  
SEQ: 1  
Start Date: 1985-07-01 05:00:00  
Finish Date: 1985-07-01 05:00:00  
Qual: Not reported  
Current Action Lead: St Perf

**RCRA-SQG:**

Date form received by agency: 09/01/1996  
Facility name: ANGELUS PLATING WORKS  
Facility address: 1713 W 134TH ST  
GARDENA, CA 90249  
EPA ID: CAD009547233  
Contact: Not reported  
Contact address: Not reported  
Not reported  
Contact country: US  
Contact telephone: Not reported  
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: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: ANGELUS PLATING WORKS  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999

Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 08/18/1980  
Site name: ANGELUS PLATING WORKS  
Classification: Large Quantity Generator

Violation Status: No violations found

ENVIROSTOR:

Facility ID: 71002300  
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: 62  
Senate: 35

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.91122  
Longitude: -118.3072  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CAD009547233  
Alias Type: EPA Identification Number  
Alias Name: 110002140406  
Alias Type: EPA (FRS #)  
Alias Name: 71002300  
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: 19340654  
Status: No Further Action  
Status Date: 04/01/1985  
Site Code: Not reported  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: 3  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Patrick Hsieh  
Division Branch: Cleanup Cypress  
Assembly: 62  
Senate: 35  
Special Program: \* Site Char & Assess Grant (CERCLA 104)  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.91122  
Longitude: -118.3072  
APN: NONE SPECIFIED  
Past Use: METAL PLATING - CHROME, METAL PLATING - OTHER

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Potential COC: \* Metals - Sludge \* OTHER STILL BOTTOM WASTE \* ACID SOLUTION 2>PH WITH METALS \* Sludge - Degreasing \* UNSPECIFIED SLUDGE WASTE \* UNSPECIFIED SOLVENT MIXTURES \* ALKALINE SOLUTION 2<PH<12.5, WITH METALS

Confirmed COC: NONE SPECIFIED

Potential Description: SOIL

Alias Name: CAD009547233  
Alias Type: EPA Identification Number  
Alias Name: 110002140406  
Alias Type: EPA (FRS #)  
Alias Name: 19340654  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 03/13/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 10/25/1994  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 04/01/1985  
Comments: CLARIFIER SLUDGE & SOLID SUMP WASTE PUMP BY OIL PROCESS CO. & HAULED. SOURCE ACT: DHS-IWD SURVEY 4/7/83 - MFG & ELECTROPLATING OF AUTO ACCESSORIES. YR OF OPER: 1957 TO PRESENT ENF HISTORY: 4/19/76 PUBLIC WK. INTER- CEPTER FOR AMOUNT OF FLOW. TRAP IS MODER ATELY ETCHED. SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 02/11/1983  
Comments: FACILITY IDENTIFIED L. A. CHAM OF COMM BUS DIR 1969

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

SWEEPS UST:

Status: Active  
Comp Number: 4420  
Number: 9  
Board Of Equalization: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

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

**EMI:**

Year: 1993  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3444  
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: 4  
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: 1995  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3444  
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: 4  
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: 1996  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3444  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Total Organic Hydrocarbon Gases Tons/Yr: 8  
Reactive Organic Gases Tons/Yr: 4  
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: 1997  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 4  
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: 1998  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 4  
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: 1999  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 4  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 4  
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: 2001  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2002  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2003  
County Code: 19  
Air Basin: SC  
Facility ID: 6842

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2004  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0.00705  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0.0149  
NOX - Oxides of Nitrogen Tons/Yr: 0.0553  
SOX - Oxides of Sulphur Tons/Yr: 0.000353  
Particulate Matter Tons/Yr: 0.0047756  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

Year: 2005  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .00277  
Reactive Organic Gases Tons/Yr: .001169494  
Carbon Monoxide Emissions Tons/Yr: .0138  
NOX - Oxides of Nitrogen Tons/Yr: .0513  
SOX - Oxides of Sulphur Tons/Yr: .000235  
Particulate Matter Tons/Yr: .004515  
Part. Matter 10 Micrometers and Smllr Tons/Yr:.00310745

Year: 2006  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .0071056371387967787

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Reactive Organic Gases Tons/Yr: .003  
Carbon Monoxide Emissions Tons/Yr: .017  
NOX - Oxides of Nitrogen Tons/Yr: .062  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: .006  
Part. Matter 10 Micrometers and Smllr Tons/Yr:.00418

Year: 2007  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: .0071056371387967787  
Reactive Organic Gases Tons/Yr: .003  
Carbon Monoxide Emissions Tons/Yr: .017  
NOX - Oxides of Nitrogen Tons/Yr: .062  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: .006  
Part. Matter 10 Micrometers and Smllr Tons/Yr:.00418

Year: 2008  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3714  
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: .0060823567029843675  
Reactive Organic Gases Tons/Yr: .002567971  
Carbon Monoxide Emissions Tons/Yr: .01  
NOX - Oxides of Nitrogen Tons/Yr: .04  
SOX - Oxides of Sulphur Tons/Yr: .0002201118  
Particulate Matter Tons/Yr: .004306919925  
Part. Matter 10 Micrometers and Smllr Tons/Yr:.00290937688575

Year: 2009  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3714  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 5.5423969682614803E-3  
Reactive Organic Gases Tons/Yr: 2.3400000000000001E-3  
Carbon Monoxide Emissions Tons/Yr: 0.01  
NOX - Oxides of Nitrogen Tons/Yr: 4.0000000000000001E-2  
SOX - Oxides of Sulphur Tons/Yr: 2.0000000000000001E-4  
Particulate Matter Tons/Yr: 0.00406194  
Part. Matter 10 Micrometers and Smllr Tons/Yr:2.6793685999999999E-3

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Year: 2010  
County Code: 19  
Air Basin: SC  
Facility ID: 6842  
Air District Name: SC  
SIC Code: 3714  
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: 0.00653718616769303  
Reactive Organic Gases Tons/Yr: 2.7599999999999999E-3  
Carbon Monoxide Emissions Tons/Yr: 0.01383  
NOX - Oxides of Nitrogen Tons/Yr: 5.1369999999999999E-2  
SOX - Oxides of Sulphur Tons/Yr: 2.3000000000000001E-4  
Particulate Matter Tons/Yr: 0.00296  
Part. Matter 10 Micrometers and Smlr Tons/Yr: 2.8119999999999998E-3

**HAZNET:**

Facility Name: ANGELUS PLATING WORKS  
envid: 1000205512  
Year: 2017  
GEPaid: CAD009547233  
Contact: JERALD BOZAJIAN  
Telephone: 3105161883  
Mailing Name: Not reported  
Mailing Address: 1713 WEST 134TH STREET  
Mailing City,St,Zip: GARDENA, CA 902492083  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Other inorganic solid waste  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 0.4  
Cat Decode: Other inorganic solid waste  
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: 1000205512  
Year: 2016  
GEPaid: CAD009547233  
Contact: JERALD BOZAJIAN  
Telephone: 3105161883  
Mailing Name: Not reported  
Mailing Address: 1713 WEST 134TH STREET  
Mailing City,St,Zip: GARDENA, CA 902492083  
Gen County: Los Angeles  
TSD EPA ID: CAD097030993  
TSD County: Los Angeles  
Waste Category: Unspecified aqueous solution  
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)  
Tons: 0.2184  
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

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

envid: 1000205512  
Year: 2016  
GEPaid: CAD009547233  
Contact: JERALD BOZAJIAN  
Telephone: 3105161883  
Mailing Name: Not reported  
Mailing Address: 1713 WEST 134TH STREET  
Mailing City,St,Zip: GARDENA, CA 902492083  
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: 0.68805  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: 1000205512  
Year: 2016  
GEPaid: CAD009547233  
Contact: JERALD BOZAJIAN  
Telephone: 3105161883  
Mailing Name: Not reported  
Mailing Address: 1713 WEST 134TH STREET  
Mailing City,St,Zip: GARDENA, CA 902492083  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Other inorganic solid waste  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To  
Include On-Site Treatment And/Or Stabilization)  
Tons: 0.2  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: 1000205512  
Year: 2015  
GEPaid: CAD009547233  
Contact: JERALD BOZAJIAN  
Telephone: 3105161883  
Mailing Name: Not reported  
Mailing Address: 1713 WEST 134TH STREET  
Mailing City,St,Zip: GARDENA, CA 902492083  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Other inorganic solid waste  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To  
Include On-Site Treatment And/Or Stabilization)  
Tons: 0.475  
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

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

[Click this hyperlink](#) while viewing on your computer to access 72 additional CA\_HAZNET: record(s) in the EDR Site Report.

LOS ANGELES CO. HMS:

Region: LA  
Permit Category: I  
Facility Id: 004267-I04420  
Facility Type: 02  
Facility Status: Permit  
Area: 2B  
Permit Number: 000004789  
Permit Status: Permit

Region: LA  
Permit Category: Not reported  
Facility Id: 004267-054667  
Facility Type: Not reported  
Facility Status: OPEN  
Area: 2B  
Permit Number: Not reported  
Permit Status: Not reported

Region: LA  
Permit Category: Not reported  
Facility Id: 004267-004420  
Facility Type: Not reported  
Facility Status: Removed  
Area: 2B  
Permit Number: Not reported  
Permit Status: Not reported

NPDES:

Facility Status: Active  
NPDES Number: CAS000001  
Region: 4  
Agency Number: 0  
Regulatory Measure ID: 458827  
Place ID: Not reported  
Order Number: 97-03-DWQ  
WDID: 4 19NEC000148  
Regulatory Measure Type: Enrollee  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 07/23/2015  
Termination Date Of Regulatory Measure: Not reported  
Expiration Date Of Regulatory Measure: Not reported  
Discharge Address: 1713 West 134th Street  
Discharge Name: Angelus Plating Works  
Discharge City: Gardena  
Discharge State: California  
Discharge Zip: 90249  
Status: Not reported  
Status Date: Not reported  
Operator Name: Not reported  
Operator Address: Not reported  
Operator City: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Operator State:	Not reported
Operator Zip:	Not reported
NPDES as of 03/2018:	
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	458827
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19NEC000148
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/23/2015
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Angelus Plating Works
Discharge Address:	1713 West 134th Street
Discharge City:	Gardena
Discharge State:	California
Discharge Zip:	90249
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

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
Regulatory Measure ID:	458827
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19NEC000148
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:	07/21/2015
Processed Date:	07/23/2015
Status:	Active
Status Date:	07/23/2015
Place Size:	46768
Place Size Unit:	SqFt
Contact:	Jerald Bozajian
Contact Title:	President
Contact Phone:	310-516-1883
Contact Phone Ext:	Not reported
Contact Email:	contactus@angelusplating.com
Operator Name:	Angelus Plating Works
Operator Address:	1713 West 134th Street
Operator City:	Gardena
Operator State:	California
Operator Zip:	90249

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Operator Contact:	Jerald Bozajian
Operator Contact Title:	President
Operator Contact Phone:	310-516-1883
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	contactus@angelusplating.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:	818-439-4302
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:	Jerald Bozajian
Certifier Title:	President
Certification Date:	22-AUG-16
Primary Sic:	3714-Motor Vehicle Parts and Accessories
Secondary Sic:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
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 19NEC000148
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Discharge Name: Not reported  
Discharge City: Not reported  
Discharge State: Not reported  
Discharge Zip: Not reported  
Status: Active  
Status Date: 07/23/2015  
Operator Name: Angelus Plating Works  
Operator Address: 1713 West 134th Street  
Operator City: Gardena  
Operator State: California  
Operator Zip: 90249

NPDES as of 03/2018:  
NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 458827  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19NEC000148  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 07/23/2015  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Angelus Plating Works  
Discharge Address: 1713 West 134th Street  
Discharge City: Gardena  
Discharge State: California  
Discharge Zip: 90249  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

ANGELUS PLATING WORKS (Continued)

1000205512

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
Regulatory Measure ID:	458827
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19NEC000148
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:	07/21/2015
Processed Date:	07/23/2015
Status:	Active
Status Date:	07/23/2015
Place Size:	46768
Place Size Unit:	SqFt
Contact:	Jerald Bozajian

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Contact Title: President  
Contact Phone: 310-516-1883  
Contact Phone Ext: Not reported  
Contact Email: contactus@angelusplating.com  
Operator Name: Angelus Plating Works  
Operator Address: 1713 West 134th Street  
Operator City: Gardena  
Operator State: California  
Operator Zip: 90249  
Operator Contact: Jerald Bozajian  
Operator Contact Title: President  
Operator Contact Phone: 310-516-1883  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: contactus@angelusplating.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: 818-439-4302  
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: Jerald Bozajian  
Certifier Title: President  
Certification Date: 22-AUG-16  
Primary Sic: 3714-Motor Vehicle Parts and Accessories  
Secondary Sic: 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring  
Tertiary Sic: Not reported

**CIWQS:**

Agency: Angelus Plating Works  
Agency Address: 1713 W 134th St, Gardena, CA 90249  
Place/Project Type: Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring  
SIC/NAICS: 3471

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**ANGELUS PLATING WORKS (Continued)**

**1000205512**

Region: 4  
 Program: INDSTW  
 Regulatory Measure Status: Terminated  
 Regulatory Measure Type: Storm water industrial  
 Order Number: 2014-0057-DWQ  
 WDID: 4 19I004745  
 NPDES Number: CAS000001  
 Adoption Date: Not reported  
 Effective Date: 04/07/1992  
 Termination Date: 11/20/2000  
 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: 33.9108  
 Longitude: -118.30705

**87**  
**NNE**  
**1/2-1**  
**0.661 mi.**  
**3492 ft.**

**MAYAN PATEL (CONNECTOR SERVICE CORP.)**  
**13021 BUDLONG AVENUE**  
**GARDENA, CA 90247**

**CA ENVIROSTOR S110494047**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**117 ft.**

ENVIROSTOR:  
 Facility ID: 19340658  
 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: Referred - Not Assigned  
 Division Branch: Cleanup Chatsworth  
 Assembly: 62  
 Senate: 35  
 Special Program: \* RCRA 3012 - Past Haz Waste Disp Inven Site  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: Not reported  
 Latitude: 33.91388  
 Longitude: -118.2963  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: \* ORGANIC LIQUIDS WITH METALS \* UNSPECIFIED ACID SOLUTION  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: CAD051498202  
 Alias Type: EPA Identification Number  
 Alias Name: 19340658  
 Alias Type: Envirostor ID Number

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAYAN PATEL (CONNECTOR SERVICE CORP.) (Continued)**

**S110494047**

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 03/08/1984  
Comments: FACILITY DRIVE-BY ASAP STAFF SOURCE ACT: PLATING/POLISHING YR OF OPER: 1974 TO PRESENT WASTE TYPE: BASES 76.7T OF HAZ WASTE/YR INCIDENT: 5/13/69 CHEM DERMITITIS,EXPOSR TO CHEM. 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: 02/11/1983  
Comments: FACILITY IDENTIFIED LA CHAM OF COMM BUS DIR 1969

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: 71002445  
Status: Inactive - Action Required  
Status Date: 05/01/2017  
Site Code: 550155  
Site Type: Tiered Permit  
Site Type Detailed: Tiered Permit  
Acres: 1.1  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Johnson Abraham  
Supervisor: Shahir Haddad  
Division Branch: Cleanup Cypress  
Assembly: 62  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.91425  
Longitude: -118.2963  
APN: NONE SPECIFIED  
Past Use: METAL PLATING - CHROME, METAL PLATING - OTHER  
Potential COC: Benzene Tetrachloroethylene (PCE Trichloroethylene (TCE Carbon tetrachloride Chloroform 1,1-Dichloroethane 1,2-Dichloroethane (EDC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAYAN PATEL (CONNECTOR SERVICE CORP.) (Continued)**

**S110494047**

Confirmed COC: Nickel  
Benzene Tetrachloroethylene (PCE 1,1-Dichloroethane  
1,2-Dichloroethane (EDC Nickel Carbon tetrachloride Trichloroethylene  
(TCE Chloroform

Potential Description: SOIL, SV  
Alias Name: CAD051498202  
Alias Type: EPA Identification Number  
Alias Name: 301039  
Alias Type: Project Code (Site Code)  
Alias Name: 550155  
Alias Type: Project Code (Site Code)  
Alias Name: 71002445  
Alias Type: Envirostor ID Number

Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 03/02/2017  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Letter - Demand  
Completed Date: 10/19/2010  
Comments: First Collection letter sent.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase I Verification  
Completed Date: 06/21/2001  
Comments: Inspection report sent on 6/21/2001

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Other  
Completed Date: 06/11/2003  
Comments: Completed all

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Agreement  
Completed Date: 01/16/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Letter - Demand  
Completed Date: 12/20/2010  
Comments: Final collection letter sent certified mail.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Agreement  
Completed Date: 10/11/2006  
Comments: Not reported

Completed Area Name: PROJECT WIDE

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MAYAN PATEL (CONNECTOR SERVICE CORP.) (Continued)**

**S110494047**

Completed Sub Area Name: Not reported  
Completed Document Type: Letter - Demand  
Completed Date: 11/18/2010  
Comments: Second Collection request sent certified mail.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Workplan  
Completed Date: 07/22/2003  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 06/21/2001  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Endangerment Assessment Report  
Completed Date: 09/22/2008  
Comments: A Supplemental Site Investigation is needed at the Site.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Triage Meeting  
Completed Date: 06/08/2015  
Comments: Cost Recovery will be pursued with issuance of new demand letter and potential enforcement action.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 08/01/2016  
Comments: DTSC mailed the letter on 8/1/2016.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 08/01/2016  
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

88  
NW  
1/2-1  
0.677 mi.  
3574 ft.

**PB FASTENERS, DIVISION OF PAUL R. BRILES, INC.**  
**1700 W. 132ND STREET**  
**GARDENA, CA 90249**

**CA ENVIROSTOR S118757407**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**62 ft.**

**ENVIROSTOR:**  
Facility ID: 71002370  
Status: No Action Required  
Status Date: 08/18/2006  
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: 62  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.91212  
Longitude: -118.3074  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CAD041160672  
Alias Type: EPA Identification Number  
Alias Name: 110009529974  
Alias Type: EPA (FRS #)  
Alias Name: 71002370  
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: 08/18/2007  
Comments: Inspection report sent on 8/18/2007

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 08/18/2006  
Comments: Not reported

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PB FASTENERS, DIVISION OF PAUL R. BRILES, INC. (Continued)**

**S118757407**

Schedule Due Date: Not reported  
Schedule Revised Date: Not reported

**S89**  
**WNW**  
**1/2-1**  
**0.694 mi.**  
**3663 ft.**

**AERODYNAMIC PLATING COMPANY, INC #2**  
**13620 SOUTH SAINT ANDREWS PLACE**  
**GARDENA, CA 90247**

**CA ENVIROSTOR** **S101480904**  
**N/A**

**Site 1 of 3 in cluster S**

**Relative:**  
**Lower**

ENVIROSTOR:

**Actual:**  
**48 ft.**

Facility ID: 19370158  
Status: No Further Action  
Status Date: 04/01/1985  
Site Code: Not reported  
Site Type: Historical  
Site Type Detailed: \* Historical  
Acres: 10  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Aslam Shareef  
Supervisor: Shahir Haddad  
Division Branch: Cleanup Cypress  
Assembly: 64  
Senate: 35  
Special Program: \* Site Char & Assess Grant (CERCLA 104)  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.90108  
Longitude: -118.2712  
APN: NONE SPECIFIED  
Past Use: METAL PLATING - OTHER  
Potential COC: Cadmium and compounds Chromium III Chromium VI Cyanide (free Zinc  
Confirmed COC: 30108-NO 30152-NO 30153-NO 30160-NO 30594-NO  
Potential Description: SOIL, SURFW  
Alias Name: TCI ALUMINUM (1961-1970)  
Alias Type: Alternate Name  
Alias Name: WATT CONSTRUCTION (RAY WATT)  
Alias Type: Alternate Name  
Alias Name: CAD042238154  
Alias Type: EPA Identification Number  
Alias Name: 19370158  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 05/11/1982  
Comments: FACILITY IDENTIFIED PAC TEL CLASSIFIED DIR 1982

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Screening  
Completed Date: 10/25/1994  
Comments: Database verification project confirms NFA for DTSC.

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AERODYNAMIC PLATING COMPANY, INC #2 (Continued)**

**S101480904**

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Preliminary Assessment Report  
 Completed Date: 04/01/1985  
 Comments: INSPECTION(LOCAL) SINCE 1973 CO ENGR & CO SANIT INSP. MANY NOV FOR WASTEWATER DISCH, PRETREAT FAC. SOURCE ACT: T/C W/J. REYNOSA,AERODYNAMIC 9/84 - ZINC & CADMIUM PLATING,SULFURIC & CHROMIC ACID ANODIZING,CHEM CONVERSION COATING OF ALUMINUM. (TCI)WAREHOUSE ONLY ALUM DISTRIBUTING. YR OF OPER: 1970 TO PRESENT CLARIFIERSLUDGE IS PUMPED BY JC PUMPING. GREASING FLUID WASTE IS STORED IN DRUMS. 3 DRUMS/YR. SUBMIT TO EPA PRELIM ASSESS DONE CERCLA 104

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

**S90**  
**WNW**  
**1/2-1**  
**0.694 mi.**  
**3663 ft.**

**AERODYNAMIC PLATING CO., INC. #1**  
**13620 SAINT ANDREWS PLACE (PLANT #1)**  
**GARDENA, CA 90249**  
**Site 2 of 3 in cluster S**

**CA ENVIROSTOR** **S113000529**  
**CA HAZNET** **N/A**

**Relative:**  
**Lower**  
**Actual:**  
**48 ft.**

ENVIROSTOR:  
 Facility ID: 71002382  
 Status: No Action Required  
 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: , 62  
 Senate: , 35  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: Not reported  
 Latitude: 0  
 Longitude: 0  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: CA0000376814  
 Alias Type: EPA Identification Number  
 Alias Name: CAD042238154

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AERODYNAMIC PLATING CO., INC. #1 (Continued)**

**S113000529**

Alias Type: EPA Identification Number  
Alias Name: 71002382  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 12/12/2006  
Comments: Not reported

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

HAZNET:

Facility Name: AERODYNAMIC PLATING COMPANY  
envid: S113000529  
Year: 2016  
GEPaid: CAD042238154  
Contact: JOE REYNOSO  
Telephone: 3103297959  
Mailing Name: Not reported  
Mailing Address: 13622 S SAINT ANDREWS PL  
Mailing City,St,Zip: GARDENA, CA 902492416  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Metal sludge (Alkaline solution (pH >= 12.5) with metals)  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 6  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: S113000529  
Year: 2015  
GEPaid: CAD042238154  
Contact: JOE REYNOSO  
Telephone: 3103297959  
Mailing Name: Not reported  
Mailing Address: 13622 S SAINT ANDREWS PL  
Mailing City,St,Zip: GARDENA, CA 902492416  
Gen County: Los Angeles  
TSD EPA ID: CAD097030993  
TSD County: Los Angeles  
Waste Category: Unspecified aqueous solution  
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)  
Tons: 0.315

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AERODYNAMIC PLATING CO., INC. #1 (Continued)**

**S113000529**

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

envid: S113000529  
Year: 2015  
GEPaid: CAD042238154  
Contact: JOE REYNOSO  
Telephone: 3103297959  
Mailing Name: Not reported  
Mailing Address: 13622 S SAINT ANDREWS PL  
Mailing City,St,Zip: GARDENA, CA 902492416  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Metal sludge (Alkaline solution (pH >= 12.5) with metals)  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Tons: 11.5  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: S113000529  
Year: 2015  
GEPaid: CAD042238154  
Contact: JOE REYNOSO  
Telephone: 3103297959  
Mailing Name: Not reported  
Mailing Address: 13622 S SAINT ANDREWS PL  
Mailing City,St,Zip: GARDENA, CA 902492416  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Other inorganic solid waste  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Tons: 0.25  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: S113000529  
Year: 2015  
GEPaid: CAD042238154  
Contact: JOE REYNOSO  
Telephone: 3103297959  
Mailing Name: Not reported  
Mailing Address: 13622 S SAINT ANDREWS PL  
Mailing City,St,Zip: GARDENA, CA 902492416  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Other organic solids  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)

Tons: 0.8

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AERODYNAMIC PLATING CO., INC. #1 (Continued)**

**S113000529**

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

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

**T91  
NW  
1/2-1  
0.713 mi.  
3763 ft.**

**SONIC INDUSTRIES(FORMER)  
13200 S.WESTERN AVE.  
GARDENA, CA 90249**

**CA ENVIROSTOR S106843368  
N/A**

**Site 1 of 2 in cluster T**

**Relative:  
Higher  
Actual:  
54 ft.**

ENVIROSTOR:  
Facility ID: 19730197  
Status: Refer: 1248 Local Agency  
Status Date: 04/16/2003  
Site Code: Not reported  
Site Type: Evaluation  
Site Type Detailed: Evaluation  
Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Cypress  
Assembly: 62  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not Applicable  
Latitude: 33.91212  
Longitude: -118.3084  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 19730197  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: Not reported  
Completed Sub Area Name: Not reported  
Completed Document Type: Not reported  
Completed Date: Not reported  
Comments: Not reported

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONIC INDUSTRIES(FORMER) (Continued)**

**S106843368**

Schedule Revised Date: Not reported

**S92**  
**WNW**  
**1/2-1**  
**0.714 mi.**  
**3768 ft.**

**AERODYNAMIC PLATING CO., INC. #3**  
**13629 SAINT ANDREWS PLACE (PLANT #3)**  
**GARDENA, CA 90249**

**CA ENVIROSTOR**

**S110493582**  
**N/A**

**Site 3 of 3 in cluster S**

**Relative:**  
**Lower**  
**Actual:**  
**47 ft.**

ENVIROSTOR:  
Facility ID: 71003572  
Status: Active  
Status Date: 02/05/2006  
Site Code: 550181  
Site Type: Tiered Permit  
Site Type Detailed: Tiered Permit  
Acres: 0.25  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP  
Program Manager: Aslam Shareef  
Supervisor: Shahir Haddad  
Division Branch: Southern California Schools & Brownfields Outreach  
Assembly: 62  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.9076  
Longitude: -118.3122  
APN: 4061029021  
Past Use: METAL PLATING - OTHER  
Potential COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA  
Trichloroethylene (TCE Vinyl chloride 1,1-Dichloroethane  
1,1-Dichloroethylene 1,2-Dichloroethylene (cis  
Confirmed COC: Tetrachloroethylene (PCE 1,1,1-Trichloroethane (TCA  
1,1-Dichloroethane 1,2-Dichloroethylene (cis Trichloroethylene (TCE  
1,1-Dichloroethylene Vinyl chloride  
Potential Description: OTH, SOIL, SV  
Alias Name: 4061029021  
Alias Type: APN  
Alias Name: CAD042238154  
Alias Type: EPA Identification Number  
Alias Name: 550181  
Alias Type: Project Code (Site Code)  
Alias Name: 71003572  
Alias Type: Envirostor ID Number

Completed Info:  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: CEQA - Notice of Exemption  
Completed Date: 06/25/2018  
Comments: Not reported  
  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AERODYNAMIC PLATING CO., INC. #3 (Continued)**

**S110493582**

Completed Date: 09/08/2017  
Comments: Annual cost estimate letter sent to RP.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 08/22/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Letter - Demand  
Completed Date: 11/22/2010  
Comments: Second Demand letter sent certified mail.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Workplan  
Completed Date: 12/14/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 03/31/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 12/02/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 01/07/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Workplan  
Completed Date: 02/02/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 07/21/2010  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 11/29/2010  
Comments: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AERODYNAMIC PLATING CO., INC. #3 (Continued)**

**S110493582**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Workplan  
Completed Date: 08/02/2012  
Comments: DTSC processed comments on the Facility Investigation Report

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Workplan  
Completed Date: 08/02/2012  
Comments: The data included in the FI Workplan was reviewed by Tox. Therefore, this deliverable is a part of FI Workplan

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Monitoring Report  
Completed Date: 04/23/2012  
Comments: DTSC approved the Operation and Maintenance report provided DTSC comments are incorporated in future field work/reports.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Workplan  
Completed Date: 11/16/2016  
Comments: DTSC approved Supplemental Investigation sampling strategy Technical Memorandum

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Corrective Measures Proposal Approval  
Completed Date: 06/22/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Community Profile  
Completed Date: 06/22/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Fact Sheets  
Completed Date: 06/22/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Public Notice  
Completed Date: 06/22/2018  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 03/23/2017  
Comments: DTSC conditionally approved the SSI report with a Further Action determination

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**AERODYNAMIC PLATING CO., INC. #3 (Continued)**

**S110493582**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Letter - Demand  
Completed Date: 12/22/2010  
Comments: Final collection letter sent certified mail.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 10/08/2008  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Consent Agreement  
Completed Date: 02/05/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Phase 1  
Completed Date: 12/12/2006  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Health & Safety Plan  
Completed Date: 03/09/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 04/13/2006  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Workplan  
Completed Date: 05/15/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Supplemental Site Investigation Report  
Completed Date: 10/05/2007  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Annual Oversight Cost Estimate  
Completed Date: 11/29/2011  
Comments: Not reported

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Letter - Demand

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**AERODYNAMIC PLATING CO., INC. #3 (Continued)**

**S110493582**

Completed Date: 10/20/2010  
 Comments: First collection letter sent.

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Correspondence  
 Completed Date: 04/27/2010  
 Comments: Not reported

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Annual Oversight Cost Estimate  
 Completed Date: 09/18/2015  
 Comments: Annual Cost Estimate emailed and mailed to BP.

Completed Area Name: PROJECT WIDE  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Annual Oversight Cost Estimate  
 Completed Date: 09/19/2016  
 Comments: Annual Cost Estimate letter, dated 9/19/16, sent to RP.

Future Area Name: PROJECT WIDE  
 Future Sub Area Name: Not reported  
 Future Document Type: Corrective Measure Implementation Workplan  
 Future Due Date: 2019  
 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

93  
 WSW  
 1/2-1  
 0.724 mi.  
 3822 ft.  
 Relative:  
 Lower  
 Actual:  
 50 ft.

**SONIC PLATING CO**  
**1930 W ROSECRANS AVE**  
**GARDENA, CA 90249**

**CA RESPONSE 1000246475**  
**CA ENVIROSTOR N/A**  
**CA UST**  
**CA HIST UST**  
**CA EMI**  
**CA LOS ANGELES CO. HMS**  
**CA NPDES**  
**CA WDS**  
**CA CIWQS**

RESPONSE:  
 Facility ID: 71003449  
 Site Type: State Response  
 Site Type Detail: State Response or NPL  
 Acres: 0.19  
 National Priorities List: NO  
 Cleanup Oversight Agencies: SMBRP  
 Lead Agency Description: DTSC - Site Cleanup Program  
 Project Manager: Manjul Bose  
 Supervisor: Javier Hinojosa  
 Division Branch: Cleanup Chatsworth  
 Site Code: 301432  
 Site Mgmt. Req.: NONE SPECIFIED  
 Assembly: 66  
 Senate: 35  
 Special Program Status: Not reported  
 Status: Refer: Local Agency

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONIC PLATING CO (Continued)**

**1000246475**

Status Date: 05/07/2013  
Restricted Use: NO  
Funding: Not reported  
Latitude: 33.90161  
Longitude: -118.3125  
APN: 4062-003-027  
Past Use: METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER  
Potential COC : Under Investigation Tetrachloroethylene (PCE Trichloroethylene (TCE  
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Under Investigation  
Potential Description: AQUI, IA, SOIL, SV, UE  
Alias Name: 4062-003-027  
Alias Type: APN  
Alias Name: CAD042228783  
Alias Type: CERCLIS ID  
Alias Name: CAR000010975  
Alias Type: EPA Identification Number  
Alias Name: 301432  
Alias Type: Project Code (Site Code)  
Alias Name: 71003449  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 09/16/2016  
Comments: USEPA conducted a Site Reassessment and determined on April 19, 2016 the Site warrants further Federal assessment including soil and GW sampling. Work to be conducted in next 12-18 months.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: PA/SI Site Screening  
Completed Date: 04/11/2011  
Comments: Not reported

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

ENVIROSTOR:

Facility ID: 71003449  
Status: Refer: Local Agency  
Status Date: 05/07/2013  
Site Code: 301432  
Site Type: State Response  
Site Type Detailed: State Response or NPL  
Acres: 0.19  
NPL: NO  
Regulatory Agencies: SMBRP  
Lead Agency: SMBRP

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONIC PLATING CO (Continued)**

**1000246475**

Program Manager: Manjul Bose  
Supervisor: Javier Hinojosa  
Division Branch: Cleanup Chatsworth  
Assembly: 66  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.90161  
Longitude: -118.3125  
APN: 4062-003-027  
Past Use: METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER  
Potential COC: Under Investigation Tetrachloroethylene (PCE Trichloroethylene (TCE  
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Under Investigation  
Potential Description: AQUIC, IA, SOIL, SV, UE  
Alias Name: 4062-003-027  
Alias Type: APN  
Alias Name: CAD042228783  
Alias Type: CERCLIS ID  
Alias Name: CAR000010975  
Alias Type: EPA Identification Number  
Alias Name: 301432  
Alias Type: Project Code (Site Code)  
Alias Name: 71003449  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 09/16/2016  
Comments: USEPA conducted a Site Reassessment and determined on April 19, 2016 the Site warrants further Federal assessment including soil and GW sampling. Work to be conducted in next 12-18 months.

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: PA/SI Site Screening  
Completed Date: 04/11/2011  
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: 19340470  
Status: Refer: Other Agency  
Status Date: 08/15/1995  
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

**SONIC PLATING CO (Continued)**

**1000246475**

Acres: Not reported  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Referred - Not Assigned  
Division Branch: Cleanup Chatsworth  
Assembly: 66  
Senate: 35  
Special Program: \* Site Char & Assess Grant (CERCLA 104)  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.90161  
Longitude: -118.3125  
APN: 4062003027  
Past Use: NONE SPECIFIED  
Potential COC: \* ORGANIC LIQUIDS WITH METALS \* OTHER STILL BOTTOM WASTE \* ACID SOLUTION 2>PH WITH METALS \* UNSPECIFIED ACID SOLUTION \* UNSPECIFIED ALKALINE SOLUTIONS \* WASTE OIL & MIXED OIL Chromium VI Cyanide (free  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 4062003027  
Alias Type: APN  
Alias Name: CAD042228783  
Alias Type: CERCLIS ID  
Alias Name: 19340470  
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: 11/24/1987  
Comments: SITE SCREENING DONE LACH/LACE CLEANED SITE IN 1984. UNKNOWN IF ENTIRE SITE OR PARTIAL SITE WAS CLEANED. THEREFORE, NOT CERTIFIED CLEAN

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: \* Discovery  
Completed Date: 09/14/1982  
Comments: FACILITY IDENTIFIED ID'D FROM PAC TEL BUS DIR 1971

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

**UST:**

Facility ID: LACoFA0022357  
Permitting Agency: Los Angeles County Fire Department  
Latitude: 33.90162

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONIC PLATING CO (Continued)**

**1000246475**

Longitude: -118.31258

HIST UST:

File Number: 00028694  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028694.pdf>  
Region: STATE  
Facility ID: 00000007969  
Facility Type: Other  
Other Type: METAL WORKS  
Contact Name: RICHARD E. GRANATH II  
Telephone: 2133275740  
Owner Name: SONIC ENTERPRISES, INC.  
Owner Address: 1930 W. ROSECRANS AVE.  
Owner City,St,Zip: GARDENA, CA 90249  
Total Tanks: 0002

Tank Num: 001  
Container Num: (1)  
Year Installed: 1964  
Tank Capacity: 00001600  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 6  
Leak Detection: None

Tank Num: 002  
Container Num: (2)  
Year Installed: 1979  
Tank Capacity: 00001100  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 6  
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

EMI:

Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 73250  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 1  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

LOS ANGELES CO. HMS:

Region: LA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONIC PLATING CO (Continued)**

**1000246475**

Permit Category: T  
Facility Id: 006008-006222  
Facility Type: 0  
Facility Status: Permit  
Area: 2B  
Permit Number: 00000629T  
Permit Status: Permit

Region: LA  
Permit Category: S  
Facility Id: 006008-047511  
Facility Type: S6  
Facility Status: Closed  
Area: 2B  
Permit Number: CG1006724  
Permit Status: Closed

Region: LA  
Permit Category: I  
Facility Id: 006008-106222  
Facility Type: 02  
Facility Status: Removed  
Area: 2B  
Permit Number: 000006769  
Permit Status: Removed

**NPDES:**

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 19I006724  
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: 05/06/1992  
Operator Name: Sonic Plating Inc  
Operator Address: 1930 W Rosecrans Ave  
Operator City: Gardena  
Operator State: California  
Operator Zip: 90249

**NPDES as of 03/2018:**

NPDES Number: CAS000001  
Status: Active

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONIC PLATING CO (Continued)**

**1000246475**

Agency Number: 0  
Region: 4  
Regulatory Measure ID: 189641  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I006724  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 05/06/1992  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Sonic Plating Inc  
Discharge Address: 1930 W Rosecrans Ave  
Discharge City: Gardena  
Discharge State: California  
Discharge Zip: 90249  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONIC PLATING CO (Continued)**

**1000246475**

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
Regulatory Measure ID:	189641
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I006724
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:	05/06/1992
Status:	Active
Status Date:	05/06/1992
Place Size:	4500
Place Size Unit:	SqFt
Contact:	Ryan Granath
Contact Title:	President
Contact Phone:	3103275740
Contact Phone Ext:	Not reported
Contact Email:	whitemist@sbcglobal.net
Operator Name:	Sonic Plating Inc
Operator Address:	1930 W Rosecrans Ave
Operator City:	Gardena
Operator State:	California
Operator Zip:	90249
Operator Contact:	Tina McVay
Operator Contact Title:	Operations Manager
Operator Contact Phone:	310-327-5740
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	whitemist@sbcglobal.net

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONIC PLATING CO (Continued)**

**1000246475**

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:	310-327-5740
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Los Angeles River
Certifier:	Ryan Granath
Certifier Title:	President
Certification Date:	25-MAR-15
Primary Sic:	3471-Electroplating, Plating, Polishing, Anodizing, and Coloring
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
Facility Status:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	189641
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19I006724
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/06/1992
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	1930 W Rosecrans Ave
Discharge Name:	Sonic Plating Inc
Discharge City:	Gardena
Discharge State:	California
Discharge Zip:	90249
Status:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONIC PLATING CO (Continued)**

**1000246475**

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:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	189641
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I006724
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	05/06/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Sonic Plating Inc
Discharge Address:	1930 W Rosecrans Ave
Discharge City:	Gardena
Discharge State:	California
Discharge Zip:	90249
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONIC PLATING CO (Continued)**

**1000246475**

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
Regulatory Measure ID:	189641
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I006724
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:	05/06/1992
Status:	Active
Status Date:	05/06/1992
Place Size:	4500
Place Size Unit:	SqFt
Contact:	Ryan Granath
Contact Title:	President
Contact Phone:	3103275740
Contact Phone Ext:	Not reported
Contact Email:	whitemist@sbcglobal.net
Operator Name:	Sonic Plating Inc

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONIC PLATING CO (Continued)**

**1000246475**

Operator Address: 1930 W Rosecrans Ave  
Operator City: Gardena  
Operator State: California  
Operator Zip: 90249  
Operator Contact: Tina McVay  
Operator Contact Title: Operations Manager  
Operator Contact Phone: 310-327-5740  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: whitemist@sbcglobal.net  
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: 310-327-5740  
Emergency Phone Ext: Not reported  
Constype Above Ground Ind: Not reported  
Constype Below Ground Ind: Not reported  
Constype Cable Line Ind: Not reported  
Constype Comm Line Ind: Not reported  
Constype Commercial Ind: Not reported  
Constype Electrical Line Ind: Not reported  
Constype Gas Line Ind: Not reported  
Constype Industrial Ind: Not reported  
Constype Other Description: Not reported  
Constype Other Ind: Not reported  
Constype Recons Ind: Not reported  
Constype Residential Ind: Not reported  
Constype Transport Ind: Not reported  
Constype Utility Description: Not reported  
Constype Utility Ind: Not reported  
Constype Water Sewer Ind: Not reported  
Dir Discharge Uswater Ind: N  
Receiving Water Name: Los Angeles River  
Certifier: Ryan Granath  
Certifier Title: President  
Certification Date: 25-MAR-15  
Primary Sic: 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring  
Secondary Sic: Not reported  
Tertiary Sic: Not reported

**WDS:**

Facility ID: 4 19I006724  
Facility Type: Other - Does not fall into the category of Municipal/Domestic, Industrial, Agricultural or Solid Waste (Class I, II or III)  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: 3103275740  
Facility Contact: Richard E. Granath

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**SONIC PLATING CO (Continued)**

**1000246475**

Agency Name: SONIC PLATING COMPANY  
Agency Address: P.O Box 5387  
Agency City,St,Zip: Gardena 90249  
Agency Contact: Richard E Granath  
Agency Telephone: 3103275740  
Agency Type: Private  
SIC Code: 3471  
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: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
  
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

**CIWQS:**

Agency: Sonic Plating Inc  
Agency Address: 1930 W Rosecrans Ave, Gardena, CA 90249  
Place/Project Type: Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring  
  
SIC/NAICS: 3471  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Active  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I006724  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 05/06/1992  
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: 0  
Violations within 5 years: 0  
Latitude: 33.90192  
Longitude: -118.31204

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

T94  
NW  
1/2-1  
0.759 mi.  
4010 ft.

**NORTHROP CORPORATION ELECTRONICS DIV.  
13215 S WESTERN AVENUE  
GARDENA, CA 90247**

**CA ENVIROSTOR  
CA EMI  
CA HWP**

**S100935374  
N/A**

**Site 2 of 2 in cluster T**

**Relative:  
Higher  
Actual:  
54 ft.**

ENVIROSTOR:  
Facility ID: 80001313  
Status: Inactive - Needs Evaluation  
Status Date: 11/01/2018  
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: 62  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.91232  
Longitude: -118.3097  
APN: 4061014011  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: 4061014011  
Alias Type: APN  
Alias Name: CAD000627331  
Alias Type: EPA Identification Number  
Alias Name: 80001313  
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: 1990

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NORTHROP CORPORATION ELECTRONICS DIV. (Continued)**

**S100935374**

County Code: 19  
Air Basin: SC  
Facility ID: 61729  
Air District Name: SC  
SIC Code: 3599  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 2  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 0  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0

HWP:

EPA Id: CAD000627331  
Cleanup Status: PROTECTIVE FILER  
Latitude: 33.91232  
Longitude: -118.3097  
Facility Type: Historical - Non-Operating  
Facility Size: Not reported  
Team: Not reported  
Supervisor: Not reported  
Site Code: Not reported  
Assembly District: 62  
Senate District: 35  
Public Information Officer: Not reported  
Public Information Officer: Not reported

Activities:

EPA Id: CAD000627331  
Facility Type: Historical - Non-Operating  
Unit Names: Unit1  
Event Description: Protective Filer Status - PROTECTIVE FILER (RECEIVED)  
Actual Date: 07/26/1990

EPA Id: CAD000627331  
Facility Type: Historical - Non-Operating  
Unit Names: Unit1  
Event Description: Protective Filer Status - PROTECTIVE FILER (APPROVED)  
Actual Date: 07/16/1991

95  
West  
1/2-1  
0.784 mi.  
4139 ft.

**AZON CORP.**  
**13771 S. GRAMCERY PLACE**  
**GARDENA, CA 90249**

**CA ENVIROSTOR S110493660**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**47 ft.**

ENVIROSTOR:  
Facility ID: 71002855  
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

**AZON CORP. (Continued)**

**S110493660**

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: 62  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.90615  
Longitude: -118.3138  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CAD981450786  
Alias Type: EPA Identification Number  
Alias Name: 71002855  
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

96  
NNE  
1/2-1  
0.792 mi.  
4184 ft.

130TH ST & VERMONT  
GARDENA, CA

CA Notify 65 S100178442  
N/A

Relative:  
Higher  
Actual:  
134 ft.

NOTIFY 65:  
Date Reported: Not reported  
Staff Initials: Not reported  
Board File Number: Not reported  
Facility Type: Not reported  
Discharge Date: Not reported  
Issue Date: Not reported  
Incident Description: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

97  
East  
1/2-1  
0.795 mi.  
4200 ft.

**DIE CAST PRODUCTS, INC.**  
**621 W. ROSECRANS AVENUE**  
**GARDENA, CA 90248**

**CA ENVIROSTOR** **S108207089**  
**N/A**

**Relative:**  
**Higher**  
**Actual:**  
**95 ft.**

ENVIROSTOR:  
Facility ID: 71002293  
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: 64  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.90287  
Longitude: -118.2856  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CAD009526179  
Alias Type: EPA Identification Number  
Alias Name: 71002293  
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: 19320199  
Status: Refer: 1248 Local Agency  
Status Date: 11/05/2004  
Site Code: Not reported  
Site Type: Evaluation

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**DIE CAST PRODUCTS, INC. (Continued)**

**S108207089**

Site Type Detailed: Evaluation  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: NONE SPECIFIED  
 Lead Agency: NONE SPECIFIED  
 Program Manager: Not reported  
 Supervisor: Referred - Not Assigned  
 Division Branch: Cleanup Cypress  
 Assembly: 64  
 Senate: 35  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: Not Applicable  
 Latitude: 33.90287  
 Longitude: -118.2856  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: 19320199  
 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

98  
SSE  
1/2-1  
0.837 mi.  
4420 ft.

**VIRCO PROPERTY**  
**15134 SOUTH VERMONT AVENUE**  
**GARDENA, CA 90247**

**CA ENVIROSTOR S111214046**  
**CA CPS-SLIC N/A**

Relative:  
Lower  
Actual:  
52 ft.

ENVIROSTOR:  
 Facility ID: 19340016  
 Status: No Further Action  
 Status Date: 01/01/1986  
 Site Code: Not reported  
 Site Type: Historical  
 Site Type Detailed: \* Historical  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: NONE SPECIFIED  
 Lead Agency: NONE SPECIFIED

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**VIRCO PROPERTY (Continued)**

**S111214046**

Program Manager: Not reported  
Supervisor: Not reported  
Division Branch: Cleanup Cypress  
Assembly: 64  
Senate: 35  
Special Program: \* Site Char & Assess Grant (CERCLA 104)  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.89357  
Longitude: -118.2906  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: \* ORGANIC LIQUIDS WITH METALS \* OTHER STILL BOTTOM WASTE \* Sludge -  
Paint \* UNSPECIFIED SLUDGE WASTE \* WASTE OIL & MIXED OIL  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: PACIFIC ELECTRICORD  
Alias Type: Alternate Name  
Alias Name: VIRCO MANUFACTURING  
Alias Type: Alternate Name  
Alias Name: CAD008289530  
Alias Type: EPA Identification Number  
Alias Name: 110002631812  
Alias Type: EPA (FRS #)  
Alias Name: 19340016  
Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Preliminary Assessment Report  
Completed Date: 01/01/1986  
Comments: VIRCO is leasing the site to Pacific Electricord who makes extention  
cords and misc wires. VIRCO is located in Torrance, (310) 533-0474.

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

**CPS-SLIC:**

Region: STATE  
**Facility Status:** **Completed - Case Closed**  
Status Date: 09/13/2011  
Global Id: SL0603711255  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.8936092325987  
Longitude: -118.290749788284  
Case Type: Cleanup Program Site  
Case Worker: LC

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**VIRCO PROPERTY (Continued)**

**S111214046**

<p>Local Agency:          RB Case Number:          File Location:          Potential Media Affected:          Potential Contaminants of Concern:          Site History:</p>	<p>Not reported          1180A          Regional Board          Other Groundwater (uses other than drinking water)          Tetrachloroethylene (PCE)          The Former Virco facility operated at the site from 1952 to 1994 in the manufacturing of school furniture, with processes that included making tubular metal from flat steel, welding painting, enamel painting finishing, metal finishing, woodworking, and laminating. Several features at this facility included: metal plating area, sumps, wastewater treatment area, paint line, maintenance and machine shop, hazardous materials storage area, stormwater collection area; which were removed in the late 1980s and early 1990s. The facility used and stored plating solutions, acids, bases solvents, paints and thinners. From 1988 to 2006, numerous investigations and soil remediation were conducted at confirmed and suspected contamination source areas. Metal impacted and petroleum hydrocarbon impacted soil was excavated and transported to an offsite facility for disposal. In the early 2000s, soil confirmation samples were collected throughout the site. This sampling did not reveal evidence of any significant residual soil contamination source at the site. Groundwater monitoring wells were installed in 2006, and samples were collected for six consecutive quarters. Volatile organic compound concentrations in groundwater are below or similar to their California drinking water maximum contaminant levels. On September 13, 2011, the Los Angeles Regional Water Quality Control Board issued a No Further Action Determination for the site.</p>
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[Click here to access the California GeoTracker records for this facility:](#)

**99**  
**West**  
**1/2-1**  
**0.854 mi.**  
**4508 ft.**  
**Relative:**  
**Lower**  
**Actual:**  
**47 ft.**

**CHROMALLOY LOS ANGELES**  
**2100 W 139TH ST**  
**GARDENA, CA 90249**

**RCRA-SQG 1000334791**  
**CA ENVIROSTOR CAD002947836**  
**CA CPS-SLIC**  
**CA HIST UST**  
**US AIRS**  
**CA EMI**  
**CA HAZNET**  
**CA LOS ANGELES CO. HMS**  
**CA WDS**

RCRA-SQG:  
 Date form received by agency: 07/23/2009  
 Facility name: CHROMALLOY LOS ANGELES  
 Facility address: 2100 W 139TH ST  
 GARDENA, CA 90249  
 EPA ID: CAD002947836  
 Contact: MIKE STARKEY  
 Contact address: 2100 W 139TH ST  
 GARDENA, CA 90249  
 Contact country: US  
 Contact telephone: 310-532-6100  
 Telephone ext.: 340  
 Contact email: MSTARKEY@CHROMALLOY.COM  
 EPA Region: 09  
 Land type: Private  
 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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

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: CHROMALLOY LOS ANGELES  
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: 01/01/1961  
Owner/Op end date: Not reported

Owner/operator name: CHROMALLOY GAS TURBINE LLC  
Owner/operator address: 4430 DIRECTOR DRIVE  
SAN ANTONIO, TX 78218

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: 01/01/1961  
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  
Used 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 WASTE

. Waste code: F005  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D011
- . Waste name: SILVER
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE

Historical Generators:

Date form received by agency: 02/22/2008  
Site name: CHROMALLOY LOS ANGELES  
Classification: Small Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D011
- . Waste name: SILVER
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Date form received by agency: 02/23/2006

Site name: CHROMALLOY LOS ANGELES

Classification: Small Quantity Generator

- . Waste code: 212
- . Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
  
- . Waste code: 181
- . Waste name: Other inorganic solid waste
  
- . Waste code: 141
- . Waste name: Off-specification, aged, or surplus inorganics
  
- . Waste code: 132
- . Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)
  
- . Waste code: 221
- . Waste name: Waste oil and mixed oil
  
- . Waste code: 223
- . Waste name: Unspecified oil-containing waste
  
- . Waste code: 271
- . Waste name: Organic monomer waste (includes unreacted resins)
  
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
  
- . Waste code: 343
- . Waste name: Unspecified organic liquid mixture
  
- . Waste code: 352
- . Waste name: Other organic solids
  
- . Waste code: 461
- . Waste name: Degreasing sludge
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D007

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

- . Waste name: CHROMIUM
  - . Waste code: D011
  - . Waste name: SILVER
  - . Waste code: D035
  - . Waste name: METHYL ETHYL KETONE
  - . Waste code: D039
  - . Waste name: TETRACHLOROETHYLENE
  - . Waste code: F002
  - . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  - . Waste code: F003
  - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  - . Waste code: F005
  - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
- Date form received by agency: 02/19/2004
- Site name: CHROMALLOY LOS ANGELES
- Classification: Small Quantity Generator
- . Waste code: D001
  - . Waste name: IGNITABLE WASTE
  - . Waste code: F005
  - . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F003  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: F002  
. Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: D039  
. Waste name: TETRACHLOROETHYLENE

. Waste code: D035  
. Waste name: METHYL ETHYL KETONE

. Waste code: D007  
. Waste name: CHROMIUM

. Waste code: D003  
. Waste name: REACTIVE WASTE

. Waste code: D002  
. Waste name: CORROSIVE WASTE

Date form received by agency: 02/15/2002  
Site name: CHROMALLOY LOS ANGELES  
Classification: Large Quantity Generator

. Waste code: 132  
. Waste name: Aqueous solution w/metals (< restricted levels and see waste code 121 for a list of metals)

. Waste code: F006  
. Waste name: 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.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

- . Waste code: F003
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F002
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: F001
- . Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLOROETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: D039
- . Waste name: TETRACHLOROETHYLENE
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D011
- . Waste name: SILVER
  
- . Waste code: D007
- . Waste name: CHROMIUM
  
- . Waste code: D002
- . Waste name: CORROSIVE WASTE
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: 791
- . Waste name: Liquids with pH < 2
  
- . Waste code: 726
- . Waste name: Liquids with nickel > 134 mg/l

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

- . Waste code: 611
- . Waste name: Contaminated soil from site clean-ups
  
- . Waste code: 352
- . Waste name: Other organic solids
  
- . Waste code: 291
- . Waste name: Latex waste
  
- . Waste code: 212
- . Waste name: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
  
- . Waste code: 211
- . Waste name: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)
  
- . Waste code: 181
- . Waste name: Other inorganic solid waste
  
- . Waste code: 134
- . Waste name: Aqueous solution with <10% total organic residues

Date form received by agency: 09/01/1996  
Site name: CHROMALLOY LOS ANGELES  
Classification: Large Quantity Generator

Date form received by agency: 02/09/1996  
Site name: CHROMALLOY LOS ANGELES  
Classification: Large Quantity Generator

Date form received by agency: 11/06/1995  
Site name: CHROMALLOY LOS ANGELES  
Classification: Large Quantity Generator

Date form received by agency: 02/25/1994  
Site name: CHROMIZING CO  
Classification: Large Quantity Generator

Date form received by agency: 02/10/1992  
Site name: CHROMIZING COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 04/03/1991  
Site name: CHROMIZING COMPANY  
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: TSD IS-Container Use and Management  
Date violation determined: 11/01/2011  
Date achieved compliance: 02/13/2012  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: 02/13/2012  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

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

Regulation violated: Not reported  
Area of violation: Used Oil - Generators  
Date violation determined: 11/01/2011  
Date achieved compliance: 02/13/2012  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/15/2011  
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: Not reported  
Area of violation: Generators - Pre-transport  
Date violation determined: 11/01/2011  
Date achieved compliance: 02/13/2012  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: 02/13/2012  
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: Not reported  
Area of violation: TSD IS-Container Use and Management  
Date violation determined: 11/01/2011  
Date achieved compliance: 02/13/2012  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/15/2011  
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: Not reported  
Area of violation: Generators - Pre-transport  
Date violation determined: 11/01/2011  
Date achieved compliance: 02/13/2012  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 12/15/2011  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: EPA  
Proposed penalty amount: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

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

Regulation violated: Not reported  
Area of violation: Used Oil - Generators  
Date violation determined: 11/01/2011  
Date achieved compliance: 02/13/2012  
Violation lead agency: EPA  
Enforcement action: Not reported  
Enforcement action date: 02/13/2012  
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

Evaluation Action Summary:

Evaluation date: 11/01/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 02/13/2012  
Evaluation lead agency: EPA

Evaluation date: 11/01/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: TSD IS-Container Use and Management  
Date achieved compliance: 02/13/2012  
Evaluation lead agency: EPA

Evaluation date: 11/01/2011  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Used Oil - Generators  
Date achieved compliance: 02/13/2012  
Evaluation lead agency: EPA

ENVIROSTOR:

Facility ID: 71002140  
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: 62  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.90459

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

Longitude: -118.3151  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CAD002947836  
Alias Type: EPA Identification Number  
Alias Name: 110000781832  
Alias Type: EPA (FRS #)  
Alias Name: 71002140  
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

SLIC REG 4:

Region: 4  
Facility Status: Site Assessment  
SLIC: 0724  
Substance: VOC  
Staff: PGN

HIST UST:

File Number: 00026F43  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026F43.pdf>  
Region: STATE  
Facility ID: 00000060889  
Facility Type: Other  
Other Type: FAA REPAIR STA.  
Contact Name: Not reported  
Telephone: 2137701860  
Owner Name: CHROMIZING COMPANY  
Owner Address: 2100 W. 139TH ST.  
Owner City,St,Zip: GARDENA, CA 90249  
Total Tanks: 0003

Tank Num: 001  
Container Num: 1  
Year Installed: 1967  
Tank Capacity: 00000000  
Tank Used for: WASTE  
Type of Fuel: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 002  
Container Num: 2  
Year Installed: 1982  
Tank Capacity: 00000750  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

Tank Num: 003  
Container Num: 3  
Year Installed: Not reported  
Tank Capacity: 00000000  
Tank Used for: Not reported  
Type of Fuel: Not reported  
Container Construction Thickness: Not reported  
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

**US AIRS MINOR:**

Envid: 1000334791  
Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
D and B Number: Not reported  
Primary SIC Code: 3559  
NAICS Code: 811490  
Default Air Classification Code: MIN  
Facility Type of Ownership Code: POF  
Air CMS Category Code: Not reported  
HPV Status: Not reported

**US AIRS MINOR:**

Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: Not reported  
Activity Status Date: 2004-03-25 00:00:00  
Activity Group: Case File  
Activity Type: Case File  
Activity Status: Resolved

Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2002-01-31 00:00:00  
Activity Status Date: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2002-05-09 00:00:00  
Activity Status Date: 2002-05-09 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2002-09-30 00:00:00  
Activity Status Date: 2002-09-30 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2003-09-25 00:00:00  
Activity Status Date: 2003-09-25 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2004-03-25 00:00:00  
Activity Status Date: 2004-03-25 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

US AIRS MINOR:  
Envid: 1000334791  
Region Code: 09  
Programmatic ID: AIR 0900000006037R9834

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

Facility Registry ID: 110000781832  
D and B Number: Not reported  
Primary SIC Code: 3559  
NAICS Code: 811490  
Default Air Classification Code: MIN  
Facility Type of Ownership Code: POF  
Air CMS Category Code: Not reported  
HPV Status: Not reported

**US AIRS MINOR:**

Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: Not reported  
Activity Status Date: 2004-03-25 00:00:00  
Activity Group: Case File  
Activity Type: Case File  
Activity Status: Resolved

Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2002-01-31 00:00:00  
Activity Status Date: Not reported  
Activity Group: Compliance Monitoring  
Activity Type: Inspection/Evaluation  
Activity Status: Not reported

Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2002-05-09 00:00:00  
Activity Status Date: 2002-05-09 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2002-09-30 00:00:00  
Activity Status Date: 2002-09-30 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2003-09-25 00:00:00  
Activity Status Date: 2003-09-25 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

Region Code: 09  
Programmatic ID: AIR 0900000006037R9834  
Facility Registry ID: 110000781832  
Air Operating Status Code: OPR  
Default Air Classification Code: MIN  
Air Program: MACT Standards (40 CFR Part 63)  
Activity Date: 2004-03-25 00:00:00  
Activity Status Date: 2004-03-25 00:00:00  
Activity Group: Enforcement Action  
Activity Type: Administrative - Formal  
Activity Status: Final Order Issued

**EMI:**

Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 4  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 3  
SOX - Oxides of Sulphur Tons/Yr: 1  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr: 0

Year: 1993  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 4  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1995  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 4  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1996  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 3471  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1997  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1998  
County Code: 19  
Air Basin: SC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1999  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2000  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2001  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

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: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 2002  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 4  
Part. Matter 10 Micrometers and Smlr Tons/Yr:3

Year: 2003  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 0  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 4  
Part. Matter 10 Micrometers and Smlr Tons/Yr:3

Year: 2004  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
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: 0.19558427  
Reactive Organic Gases Tons/Yr: 0.13  
Carbon Monoxide Emissions Tons/Yr: 0.444  
NOX - Oxides of Nitrogen Tons/Yr: 2.155  
SOX - Oxides of Sulphur Tons/Yr: 0.02313  
Particulate Matter Tons/Yr: 3.589341

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

Part. Matter 10 Micrometers and Smlr Tons/Yr:3.43

Year: 2005  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
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: .103325  
Reactive Organic Gases Tons/Yr: .07176539  
Carbon Monoxide Emissions Tons/Yr: .361205  
NOX - Oxides of Nitrogen Tons/Yr: 1.772  
SOX - Oxides of Sulphur Tons/Yr: .01575  
Particulate Matter Tons/Yr: 3.3344  
Part. Matter 10 Micrometers and Smlr Tons/Yr:3.0049542

Year: 2006  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
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: .5107487021971736316  
Reactive Organic Gases Tons/Yr: .392  
Carbon Monoxide Emissions Tons/Yr: 1.148  
NOX - Oxides of Nitrogen Tons/Yr: 5.812  
SOX - Oxides of Sulphur Tons/Yr: .07  
Particulate Matter Tons/Yr: .41  
Part. Matter 10 Micrometers and Smlr Tons/Yr:.389238

Year: 2007  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
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: .5107487021971736316  
Reactive Organic Gases Tons/Yr: .392  
Carbon Monoxide Emissions Tons/Yr: 1.148  
NOX - Oxides of Nitrogen Tons/Yr: 5.812  
SOX - Oxides of Sulphur Tons/Yr: .07  
Particulate Matter Tons/Yr: .41  
Part. Matter 10 Micrometers and Smlr Tons/Yr:.389238

Year: 2008  
County Code: 19  
Air Basin: SC  
Facility ID: 22379

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

Air District Name: SC  
SIC Code: 7699  
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: .2292006254889151466  
Reactive Organic Gases Tons/Yr: .1164565  
Carbon Monoxide Emissions Tons/Yr: .46  
NOX - Oxides of Nitrogen Tons/Yr: 2.93  
SOX - Oxides of Sulphur Tons/Yr: .018229  
Particulate Matter Tons/Yr: .167156  
Part. Matter 10 Micrometers and Smllr Tons/Yr: .144587964

Year: 2009  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
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: 0.20644520000516201  
Reactive Organic Gases Tons/Yr: 0.10733817  
Carbon Monoxide Emissions Tons/Yr: 0.42999999999999999  
NOX - Oxides of Nitrogen Tons/Yr: 2.41999999999999999  
SOX - Oxides of Sulphur Tons/Yr: 1.78689999999999999E-2  
Particulate Matter Tons/Yr: 0.165965  
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.14160011

Year: 2010  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
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: 0.236927670564022  
Reactive Organic Gases Tons/Yr: 0.12504813811990101  
Carbon Monoxide Emissions Tons/Yr: 0.46166000000000001  
NOX - Oxides of Nitrogen Tons/Yr: 2.40212  
SOX - Oxides of Sulphur Tons/Yr: 1.78299999999999999E-2  
Particulate Matter Tons/Yr: 0.20732999999999999  
Part. Matter 10 Micrometers and Smllr Tons/Yr: 0.17993796000000001

Year: 2011  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
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: 0.19779720845

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

Reactive Organic Gases Tons/Yr: 0.092229984  
Carbon Monoxide Emissions Tons/Yr: 0.37343  
NOX - Oxides of Nitrogen Tons/Yr: 1.89498  
SOX - Oxides of Sulphur Tons/Yr: 0.0117  
Particulate Matter Tons/Yr: 0.17453  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.14808862

Year: 2012  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
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: 0.19609854129  
Reactive Organic Gases Tons/Yr: 0.09086973  
Carbon Monoxide Emissions Tons/Yr: 0.36833  
NOX - Oxides of Nitrogen Tons/Yr: 1.8795  
SOX - Oxides of Sulphur Tons/Yr: 0.00483  
Particulate Matter Tons/Yr: 0.1616  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.13834048

Year: 2013  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
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: 0.18104767364  
Reactive Organic Gases Tons/Yr: 0.07831  
Carbon Monoxide Emissions Tons/Yr: 0.33416  
NOX - Oxides of Nitrogen Tons/Yr: 1.62184  
SOX - Oxides of Sulphur Tons/Yr: 0.00476  
Particulate Matter Tons/Yr: 0.14825  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.12604674

Year: 2015  
County Code: 19  
Air Basin: SC  
Facility ID: 22379  
Air District Name: SC  
SIC Code: 7699  
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: 0.25365346933  
Reactive Organic Gases Tons/Yr: 0.21195338  
Carbon Monoxide Emissions Tons/Yr: 0.146495  
NOX - Oxides of Nitrogen Tons/Yr: 0.6629655  
SOX - Oxides of Sulphur Tons/Yr: 0.04597285  
Particulate Matter Tons/Yr: 0.058632673  
Part. Matter 10 Micrometers and Smllr Tons/Yr:0.05083070608

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

HAZNET:

Facility Name: PULP STUDIO INC  
envid: 1000334791  
Year: 2017  
GEPaid: CAL000424108  
Contact: STEPHEN SHER  
Telephone: 3108154999  
Mailing Name: Not reported  
Mailing Address: 2100 W 139TH ST  
Mailing City,St,Zip: GARDENA, CA 90249  
Gen County: Los Angeles  
TSD EPA ID: CAD008252405  
TSD County: Los Angeles  
Waste Category: Unspecified solvent mixture  
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 0.342  
Cat Decode: Not reported  
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site  
Facility County: Los Angeles

envid: 1000334791  
Year: 2017  
GEPaid: CAL000424108  
Contact: STEPHEN SHER  
Telephone: 3108154999  
Mailing Name: Not reported  
Mailing Address: 2100 W 139TH ST  
Mailing City,St,Zip: GARDENA, CA 90249  
Gen County: Los Angeles  
TSD EPA ID: CAD008252405  
TSD County: Los Angeles  
Waste Category: Waste oil and mixed oil  
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site  
Tons: 0.209  
Cat Decode: Waste oil and mixed oil  
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site  
Facility County: Los Angeles

envid: 1000334791  
Year: 2015  
GEPaid: CAD002947836  
Contact: DOUGLAS WILSON  
Telephone: 8535184445  
Mailing Name: Not reported  
Mailing Address: 2100 W 139TH ST  
Mailing City,St,Zip: GARDENA, CA 902490000  
Gen County: Los Angeles  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Waste Category: Oil/water separation sludge  
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,  
Organics Recovery Ect  
Tons: 3.69045  
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

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

envid: 1000334791  
Year: 2015  
GEPaid: CAD002947836  
Contact: DOUGLAS WILSON  
Telephone: 8535184445  
Mailing Name: Not reported  
Mailing Address: 2100 W 139TH ST  
Mailing City,St,Zip: GARDENA, CA 902490000  
Gen County: Los Angeles  
TSD EPA ID: AZD081705402  
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: 0.5815  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

envid: 1000334791  
Year: 2015  
GEPaid: CAD002947836  
Contact: DOUGLAS WILSON  
Telephone: 8535184445  
Mailing Name: Not reported  
Mailing Address: 2100 W 139TH ST  
Mailing City,St,Zip: GARDENA, CA 902490000  
Gen County: Los Angeles  
TSD EPA ID: CAT080013352  
TSD County: Los Angeles  
Waste Category: Waste oil and mixed oil  
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Tons: 3.667  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

[Click this hyperlink](#) while viewing on your computer to access 232 additional CA\_HAZNET: record(s) in the EDR Site Report.

LOS ANGELES CO. HMS:

Region: LA  
Permit Category: I  
Facility Id: 006003-I06217  
Facility Type: 01  
Facility Status: Closed  
Area: 2B  
Permit Number: 000004696  
Permit Status: Closed

Region: LA  
Permit Category: I  
Facility Id: 006003-I06217  
Facility Type: 01  
Facility Status: Closed  
Area: 2B

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**CHROMALLOY LOS ANGELES (Continued)**

**1000334791**

Permit Number: 000172497  
Permit Status: Removed

**WDS:**

Facility ID: Los Angeles River 196800035  
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: CAG914001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: 7756878833  
Facility Contact: Todd Galati  
Agency Name: CHROMIZING COMPANY  
Agency Address: 3636 Arrowhead Drive  
Agency City,St,Zip: Carson City 89706  
Agency Contact: Todd Galati  
Agency Telephone: 7756878833  
Agency Type: Private  
SIC Code: 7699  
SIC Code 2: Not reported  
Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.  
Primary Waste: MISCEL  
Waste Type2: Not reported  
Waste2: Miscellaneous (Includes wastes from dewatering, recreational lake overflow, swimming pool wastes, water ride wastewater, ground water seepage and other wastes of this type)  
Primary Waste Type: Inert/Influent or Solid Wastes that do not contain soluble pollutants or organic wastes and have little adverse impact on water quality. Such wastes could cause turbidity and siltation. Uncontaminated soils, rubble and concrete are examples of this category.  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: No reclamation requirements associated with this facility.  
POTW: The POTW Does not have an approved pretreatment program. Some POTWs may have local pretreatment programs that have not been approved by the regional board and/or EPA.  
Treat To Water: Moderate Threat to Water Quality. A violation could have a major adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance from a waste treatment facility.  
Complexity: Category B - Any facility having a physical, chemical, or biological waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

100  
NW  
1/2-1  
0.882 mi.  
4659 ft.

12901 S WESTERN AVENUE, LLC  
12901 S. WESTERN AVE.  
GARDENA, CA 90249

CA ENVIROSTOR 1000187114  
CA HIST UST CAD046442612  
RCRA NonGen / NLR  
CA EMI  
CA HAZNET  
CA LOS ANGELES CO. HMS  
CA NPDES  
LA Co. Site Mitigation  
CA WDS  
CA CIWQS

Relative:  
Higher  
Actual:  
73 ft.

ENVIROSTOR:

Facility ID: 71002408  
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: 62  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.91501  
Longitude: -118.3096  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CAD046442612  
Alias Type: EPA Identification Number  
Alias Name: 110000474656  
Alias Type: EPA (FRS #)  
Alias Name: 71002408  
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Site Inspections/Visit (Non LUR)  
Completed Date: 06/19/2000  
Comments: Not reported  
  
Completed Area Name: PROJECT WIDE  
Completed Sub Area Name: Not reported  
Completed Document Type: Correspondence  
Completed Date: 04/06/4016  
Comments: Not reported  
  
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

**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

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: 0002857E  
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002857E.pdf>  
Region: STATE  
Facility ID: 00000055911  
Facility Type: Other  
Other Type: ELECTRO PLATING  
Contact Name: JOHN KOSTURA  
Telephone: 2133272634  
Owner Name: VICTOR O. ANDERSON  
Owner Address: 12901 SOUTH WESTERN AVE.  
Owner City,St,Zip: GARDENA, CA 90249  
Total Tanks: 0001  
  
Tank Num: 001  
Container Num: 1  
Year Installed: 1979  
Tank Capacity: 00005800  
Tank Used for: WASTE  
Type of Fuel: Not reported  
Container Construction Thickness: 8  
Leak Detection: Visual

Click here for Geo Tracker PDF:

**RCRA NonGen / NLR:**

Date form received by agency: 02/28/2018  
Facility name: 12901 S WESTERN AVENUE, LLC  
Facility address: 12901 S. WESTERN AVE.  
GARDENA, CA 90249  
EPA ID: CAD046442612  
Mailing address: HAMILTON AVE, SUITE 200  
GARDENA, CA 90248  
Contact: DENNIS T KAWASAKI  
Contact address: CAPITAL STREET, STE 103  
CORONA, CA 92880  
Contact country: US  
Contact telephone: 951-736-5334  
Contact email: DKAWASAKI@ARDENTENV.COM  
EPA Region: 09  
Land type: Private  
Classification: Non-Generator  
Description: Handler: Non-Generators do not presently generate hazardous waste

**Owner/Operator Summary:**

Owner/operator name: 12901 S WESTERN AVENUE, LLC  
Owner/operator address: HAMILTON AVENUE STE 200  
GARDENA, CA 90248

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

Owner/operator country: US  
Owner/operator telephone: 310-323-9100  
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: 08/30/2016  
Owner/Op end date: Not reported

Owner/operator name: GARDENA PLATING COMPANY, INC.  
Owner/operator address: S. WESTERN AVE.  
GARDENA, CA 90249

Owner/operator country: US  
Owner/operator telephone: 310-327-2634  
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: 01/10/1962  
Owner/Op end date: Not reported

Owner/operator name: 12901 S WESTERN AVENUE, LLC  
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: 08/30/2016  
Owner/Op end date: Not reported

Owner/operator name: GARDENA PLATING COMPANY, INC.  
Owner/operator address: S. WESTERN AVE.  
GARDENA, CA 90249

Owner/operator country: US  
Owner/operator telephone: 310-327-2634  
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: 01/10/1962  
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

Map ID  
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MAP FINDINGS

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EDR ID Number  
EPA ID Number

**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
Used 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: 261  
. Waste name: Polychlorinated biphenyls and material containing PCB's  
  
. Waste code: D003  
. Waste name: REACTIVE WASTE  
  
. Waste code: 611  
. Waste name: Contaminated soil from site clean-ups

Historical Generators:

Date form received by agency: 06/28/2017

Site name: 12901 S WESTERN AVENUE, LLC  
Classification: Large Quantity Generator

. Waste code: 261  
. Waste name: Polychlorinated biphenyls and material containing PCB's  
  
. Waste code: D003  
. Waste name: REACTIVE WASTE  
  
. Waste code: 611  
. Waste name: Contaminated soil from site clean-ups

Date form received by agency: 03/09/2012

Site name: GARDENA PLATING COMPANY, INC.  
Classification: Large Quantity Generator

. Waste code: 134  
. Waste name: Aqueous solution with <10% total organic residues  
  
. Waste code: F006  
. Waste name: 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.  
  
. Waste code: F005  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics
  
- . Waste code: 171
- . Waste name: Metal sludge (see 121)

Date form received by agency: 06/01/2010

Site name: GARDENA PLATING COMPANY, INC.

Classification: Large Quantity Generator

- . Waste code: 171
- . Waste name: Metal sludge (see 121)
  
- . Waste code: F006
- . Waste name: 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.
  
- . Waste code: F005
- . Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
  
- . Waste code: D035
- . Waste name: METHYL ETHYL KETONE
  
- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: 331
- . Waste name: Off-specification, aged, or surplus organics

Date form received by agency: 02/26/2008

Site name: GARDENA PLATING COMPANY, INC.

Classification: Large Quantity Generator

- . Waste code: D001
- . Waste name: IGNITABLE WASTE
  
- . Waste code: F006
- . Waste name: 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)

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

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**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

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.

. Waste code: F005  
. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

. Waste code: D010  
. Waste name: SELENIUM

Date form received by agency: 02/22/2006  
Site name: GARDENA PLATING COMPANY, INC  
Classification: Large Quantity Generator

. Waste code: D010  
. Waste name: SELENIUM

. Waste code: F006  
. Waste name: 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.

Date form received by agency: 02/23/2004  
Site name: GARDENA PLATING COMPANY, INC.  
Classification: Large Quantity Generator

. Waste code: D003  
. Waste name: REACTIVE WASTE

. Waste code: F006  
. Waste name: 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.

. Waste code: D010  
. Waste name: SELENIUM

Date form received by agency: 02/15/2002  
Site name: GARDENA PLATING  
Classification: Large Quantity Generator

. Waste code: 171

Map ID  
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MAP FINDINGS

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EDR ID Number  
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**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

- . Waste name: Metal sludge (see 121)
  
- . Waste code: F007
- . Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
  
- . Waste code: F006
- . Waste name: 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.

Date form received by agency: 10/12/2000  
Site name: GARDENA PLATING  
Classification: Large Quantity Generator

Date form received by agency: 03/16/1999  
Site name: GARDENA PLATING COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996  
Site name: GARDENA PLATING CO INC  
Classification: Large Quantity Generator

Date form received by agency: 03/29/1996  
Site name: GARDENA PLATING COMPANY  
Classification: Large Quantity Generator

Date form received by agency: 04/26/1994  
Site name: GARDENA PLATING CO INC  
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992  
Site name: GARDENA PLATING COMPANY INC.  
Classification: Large Quantity Generator

Date form received by agency: 04/16/1990  
Site name: GARDENA PLATING COMPANY INC.  
Classification: Large Quantity Generator

Date form received by agency: 10/22/1980  
Site name: GARDENA PLATING CO INC  
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 10/06/2015  
Date achieved compliance: Not reported  
Violation lead agency: State  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 10/06/2015  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: State

Map ID  
Direction  
Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

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

Regulation violated: Not reported  
Area of violation: Generators - General  
Date violation determined: 11/18/2010  
Date achieved compliance: Not reported  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Regulation violated: Not reported  
Area of violation: Generators - Pre-transport  
Date violation determined: 04/02/2008  
Date achieved compliance: 07/23/2009  
Violation lead agency: EPA  
Enforcement action: WRITTEN INFORMAL  
Enforcement action date: 06/23/2009  
Enf. disposition status: Action Satisfied (Case Closed)  
Enf. disp. status date: 06/23/2009  
Enforcement lead agency: EPA  
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: 11/16/1991  
Date achieved compliance: 11/16/1996  
Violation lead agency: State  
Enforcement action: Not reported  
Enforcement action date: Not reported  
Enf. disposition status: Not reported  
Enf. disp. status date: Not reported  
Enforcement lead agency: Not reported  
Proposed penalty amount: Not reported  
Final penalty amount: Not reported  
Paid penalty amount: Not reported

Evaluation Action Summary:  
Evaluation date: 10/06/2015  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 03/01/2011  
Evaluation: NOT A SIGNIFICANT NON-COMPLIER  
Area of violation: Not reported  
Date achieved compliance: Not reported

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

Evaluation lead agency: State

Evaluation date: 11/18/2010  
Evaluation: SIGNIFICANT NON-COMPLIER  
Area of violation: Generators - General  
Date achieved compliance: Not reported  
Evaluation lead agency: State

Evaluation date: 04/02/2008  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - Pre-transport  
Date achieved compliance: 07/23/2009  
Evaluation lead agency: EPA

Evaluation date: 11/16/1991  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Generators - General  
Date achieved compliance: 11/16/1996  
Evaluation lead agency: State Contractor/Grantee

EMI:

Year: 1987  
County Code: 19  
Air Basin: SC  
Facility ID: 35007  
Air District Name: SC  
SIC Code: 3369  
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: 15  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1990  
County Code: 19  
Air Basin: SC  
Facility ID: 35007  
Air District Name: SC  
SIC Code: 3369  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 1  
Reactive Organic Gases Tons/Yr: 0  
Carbon Monoxide Emissions Tons/Yr: 0  
NOX - Oxides of Nitrogen Tons/Yr: 1  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 0  
Part. Matter 10 Micrometers and Smlr Tons/Yr:0

Year: 1993  
County Code: 19  
Air Basin: SC

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

Facility ID: 35007  
Air District Name: SC  
SIC Code: 3369  
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: 4  
Reactive Organic Gases Tons/Yr: 4  
Carbon Monoxide Emissions Tons/Yr: 1  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 1995  
County Code: 19  
Air Basin: SC  
Facility ID: 35007  
Air District Name: SC  
SIC Code: 3369  
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: 4  
Reactive Organic Gases Tons/Yr: 4  
Carbon Monoxide Emissions Tons/Yr: 1  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 1  
Part. Matter 10 Micrometers and Smlr Tons/Yr:1

Year: 1996  
County Code: 19  
Air Basin: SC  
Facility ID: 35007  
Air District Name: SC  
SIC Code: 3369  
Air District Name: SOUTH COAST AQMD  
Community Health Air Pollution Info System: Not reported  
Consolidated Emission Reporting Rule: Not reported  
Total Organic Hydrocarbon Gases Tons/Yr: 3  
Reactive Organic Gases Tons/Yr: 2  
Carbon Monoxide Emissions Tons/Yr: 1  
NOX - Oxides of Nitrogen Tons/Yr: 2  
SOX - Oxides of Sulphur Tons/Yr: 0  
Particulate Matter Tons/Yr: 3  
Part. Matter 10 Micrometers and Smlr Tons/Yr:2

**HAZNET:**

Facility Name: 12901 S WESTERN AVENUE LLC  
envid: 1000187114  
Year: 2017  
GEPaid: CAD046442612  
Contact: DENNIS KAWASAKI  
Telephone: 9517365334  
Mailing Name: Not reported  
Mailing Address: 19300 HAMILTON AVE STE 200

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

Mailing City,St,Zip: GARDENA, CA 90248  
Gen County: Los Angeles  
TSD EPA ID: Not reported  
TSD County: Not reported  
Waste Category: Polychlorinated biphenyls and material containing PCBs  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 15.1704  
Cat Decode: Polychlorinated biphenyls and material containing PCBs  
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: 1000187114  
Year: 2017  
GEPaid: CAD046442612  
Contact: DENNIS KAWASAKI  
Telephone: 9517365334  
Mailing Name: Not reported  
Mailing Address: 19300 HAMILTON AVE STE 200  
Mailing City,St,Zip: GARDENA, CA 90248  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Polychlorinated biphenyls and material containing PCBs  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 455.112  
Cat Decode: Polychlorinated biphenyls and material containing PCBs  
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: 1000187114  
Year: 2017  
GEPaid: CAP000268441  
Contact: DENNIS T KAWASAKI  
Telephone: 9517365334  
Mailing Name: Not reported  
Mailing Address: 19300 HAMILTON AVENUE STE 200  
Mailing City,St,Zip: GARDENA, CA 90248  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Polychlorinated biphenyls and material containing PCBs  
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Tons: 394.4304  
Cat Decode: Polychlorinated biphenyls and material containing PCBs  
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect  
Facility County: Los Angeles  
  
envid: 1000187114  
Year: 2016  
GEPaid: CAC002883205  
Contact: DENNIS KAWASAKI

Map ID  
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Distance  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

Telephone: 9517365334  
Mailing Name: Not reported  
Mailing Address: 19300 HAMILTON AVENUE  
Mailing City,St,Zip: GARDENA, CA 90248  
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: 0.92  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles  
  
envid: 1000187114  
Year: 2016  
GEPaid: CAD046442612  
Contact: GARY DEKERMENJIAN  
Telephone: 3103272634  
Mailing Name: Not reported  
Mailing Address: 12901 S WESTERN AVE UNIT B  
Mailing City,St,Zip: GARDENA, CA 902491917  
Gen County: Los Angeles  
TSD EPA ID: NVT330010000  
TSD County: 99  
Waste Category: Other inorganic solid waste  
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill( To Include On-Site Treatment And/Or Stabilization)  
Tons: 0.75  
Cat Decode: Not reported  
Method Decode: Not reported  
Facility County: Los Angeles

[Click this hyperlink](#) while viewing on your computer to access 121 additional CA\_HAZNET: record(s) in the EDR Site Report.

LOS ANGELES CO. HMS:

Region: LA  
Permit Category: S  
Facility Id: 025227-047712  
Facility Type: S6  
Facility Status: Closed  
Area: 2B  
Permit Number: CGI000087  
Permit Status: Closed

Region: LA  
Permit Category: I  
Facility Id: 005231-I05430  
Facility Type: 01  
Facility Status: Closed  
Area: 2B  
Permit Number: 000008702  
Permit Status: Closed

Region: LA

Map ID  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

Permit Category: I  
Facility Id: 005231-I05430  
Facility Type: 01  
Facility Status: Closed  
Area: 2B  
Permit Number: 0000J8702  
Permit Status: Closed

NPDES:

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 19I004142  
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: Terminated  
Status Date: 12/30/2015  
Operator Name: Gardena Plating Co  
Operator Address: 12901 S Western Ave  
Operator City: Gardena  
Operator State: California  
Operator Zip: 90249

NPDES as of 03/2018:

NPDES Number: Not reported  
Status: Not reported  
Agency Number: Not reported  
Region: 4  
Regulatory Measure ID: 189304  
Order Number: Not reported  
Regulatory Measure Type: Industrial  
Place ID: Not reported  
WDID: 4 19I004142  
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: 12/29/2015  
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

Map ID  
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Database(s)

EDR ID Number  
EPA ID Number

12901 S WESTERN AVENUE, LLC (Continued)

1000187114

Processed Date: 04/06/1992  
Status: Terminated  
Status Date: 12/30/2015  
Place Size: 37700  
Place Size Unit: SqFt  
Contact: Gary Dekermenjian  
Contact Title: Not reported  
Contact Phone: 3103272634  
Contact Phone Ext: Not reported  
Contact Email: Not reported  
Operator Name: Gardena Plating Co  
Operator Address: 12901 S Western Ave  
Operator City: Gardena  
Operator State: California  
Operator Zip: 90249  
Operator Contact: Gary Dekermenjian  
Operator Contact Title: Not reported  
Operator Contact Phone: 310-327-2634  
Operator Contact Phone Ext: Not reported  
Operator Contact Email: Not reported  
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: 310-327-2634  
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: Pacific Ocean  
Certifier: Not reported  
Certifier Title: Not reported  
Certification Date: Not reported  
Primary Sic: 3471-Electroplating, Plating, Polishing, Anodizing, and Coloring  
Secondary Sic: Not reported  
Tertiary Sic: Not reported  
  
NPDES Number: CAS000001

Map ID  
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EDR ID Number  
EPA ID Number

**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

Status:	Terminated
Agency Number:	0
Region:	4
Regulatory Measure ID:	189304
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 19I004142
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	04/06/1992
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	12/29/2015
Discharge Name:	Gardena Plating Co
Discharge Address:	12901 S Western Ave
Discharge City:	Gardena
Discharge State:	California
Discharge Zip:	90249
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

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

LA Co. Site Mitigation:

Facility ID:	Not reported
Status:	Not reported
Site ID:	SD0000642
Jurisdiction:	Not reported
Case ID:	RO0001640
Abated:	No
Assigned To:	Richard Clark
Entered Date:	Not reported
Abated Date:	Not reported

WDS:

Facility ID:	4 19I000087
Facility Type:	Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.
Facility Status:	Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.
NPDES Number:	CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board
Subregion:	4
Facility Telephone:	3103278999
Facility Contact:	DAVIS CARL
Agency Name:	DEL MAR DIE CASTING
Agency Address:	12901 S Western Ave
Agency City,St,Zip:	Gardena 902491917
Agency Contact:	Not reported
Agency Telephone:	3103278999
Agency Type:	Private
SIC Code:	0
SIC Code 2:	Not reported
Primary Waste Type:	Not reported
Primary Waste:	Not reported
Waste Type2:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

Waste2: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: Not reported  
POTW: Not reported  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

Facility ID: 4 19I004142  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.

Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.

NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board

Subregion: 4  
Facility Telephone: 3103272634  
Facility Contact: DEKERMENJIAN GARY  
Agency Name: GARDENA PLATING CO  
Agency Address: 12901 S Western Ave  
Agency City,St,Zip: Gardena 902491917  
Agency Contact: DEKERMENJIAN GARY  
Agency Telephone: 3103272634  
Agency Type: Private  
SIC Code: 0  
SIC Code 2: Not reported  
Primary Waste Type: Not reported  
Primary Waste: Not reported  
Waste Type2: Not reported  
Waste2: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: Not reported  
POTW: Not reported  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.

Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Agency: Del Mar Die Casting  
Agency Address: 12901 S Western Ave, Gardena, CA 90249  
Place/Project Type: Industrial - Nonferrous Die-Castings, Except Aluminum  
SIC/NAICS: 3364  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I000087  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 02/18/1992  
Termination Date: 02/01/2013  
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: 33.91555  
Longitude: -118.30911

Agency: Gardena Plating Co  
Agency Address: 12901 S Western Ave, Gardena, CA 90249  
Place/Project Type: Industrial - Electroplating, Plating, Polishing, Anodizing, and Coloring  
SIC/NAICS: 3471  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Terminated  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I004142  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 04/06/1992  
Termination Date: 12/29/2015  
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: 2

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**12901 S WESTERN AVENUE, LLC (Continued)**

**1000187114**

Latitude: 33.91555  
 Longitude: -118.30911

**101  
 ENE  
 1/2-1  
 0.891 mi.  
 4707 ft.  
 Relative:  
 Higher  
 Actual:  
 129 ft.**

**NASCO AIRCRAFT BRAKE INC  
 13300 ESTRELLA AVE  
 GARDENA, CA 90248**

**CA ENVIROSTOR  
 CA CPS-SLIC  
 CA BROWNFIELDS  
 ICIS  
 FINDS  
 ECHO  
 CA NPDES  
 LA Co. Site Mitigation**

**1008383233  
 N/A**

**ENVIROSTOR:**

Facility ID: 70000121  
 Status: Refer: 1248 Local Agency  
 Status Date: 08/18/2005  
 Site Code: Not reported  
 Site Type: Evaluation  
 Site Type Detailed: Evaluation  
 Acres: Not reported  
 NPL: NO  
 Regulatory Agencies: LA CNTY FIRE DEPT. (BILLING AND UST), LOS ANGELES COUNTY  
 Lead Agency: NONE SPECIFIED  
 Program Manager: Not reported  
 Supervisor: \* Greg Holmes  
 Division Branch: Cleanup Cypress  
 Assembly: 64  
 Senate: 35  
 Special Program: Not reported  
 Restricted Use: NO  
 Site Mgmt Req: NONE SPECIFIED  
 Funding: Not Applicable  
 Latitude: 33.91119  
 Longitude: -118.2855  
 APN: NONE SPECIFIED  
 Past Use: NONE SPECIFIED  
 Potential COC: NONE SPECIFIED  
 Confirmed COC: NONE SPECIFIED  
 Potential Description: NONE SPECIFIED  
 Alias Name: 70000121  
 Alias Type: Envirostor ID Number

**Completed Info:**

Completed Area Name: Not reported  
 Completed Sub Area Name: Not reported  
 Completed Document Type: Not reported  
 Completed Date: Not reported  
 Comments: Not reported

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASCO AIRCRAFT BRAKE INC (Continued)**

**1008383233**

**CPS-SLIC:**

Region: STATE  
**Facility Status: Completed - Case Closed**  
Status Date: 01/04/2010  
Global Id: SL0603795251  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Lead Agency Case Number: Not reported  
Latitude: 33.91119  
Longitude: -118.285537  
Case Type: Cleanup Program Site  
Case Worker: Not reported  
Local Agency: Not reported  
RB Case Number: 1223  
File Location: Not reported  
Potential Media Affected: Aquifer used for drinking water supply  
Potential Contaminants of Concern: Other Petroleum  
Site History: Not reported

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

**BROWNFIELDS:**

Global ID: SL0603795251  
Latitude: 33.91119  
Longitude: -118.285537  
Project Type: Cleanup Program Site  
Status: Completed - Case Closed  
Status Date: 01/04/2010  
Lead Agency: LOS ANGELES RWQCB (REGION 4)  
Last Correspondence Date: 12/21/2009  
Release Type: Other Type of Release  
Contaminant(s) of Concern: Other Petroleum  
Media of Concern: Aquifer used for drinking water supply  
Past Use(s) that Caused Contamination: Not reported  
Human Health Exposure Controlled: Not reported  
Human Health Exposure Controlled Date: Not reported  
Groundwater Migration Controlled: Not reported  
Groundwater Migration Controlled Date: Not reported  
Primary Caseworker Name: Not reported  
Primary Caseworker Organization Name: LOS ANGELES RWQCB (REGION 4)  
Primary Caseworker Phone Number: Not reported  
Primary Caseworker Address: Not reported  
Primary Caseworker Address: Not reported  
Primary Caseworker Address: Not reported  
Primary Caseworker Email: Not reported

**ICIS:**

Enforcement Action ID: 09-2005-0189  
FRS ID: 110022812063  
Action Name: NASCO Aircraft Brake  
Facility Name: NASCO AIRCRAFT BRAKE, INC.  
Facility Address: 13300 ESTRELLA AVENUE  
GARDENA, CA 90248  
Enforcement Action Type: EPCRA 325 Action For Penalty  
Facility County: LOS ANGELES  
Program System Acronym: ICIS  
Enforcement Action Forum Desc: Administrative - Formal

Map ID  
Direction  
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MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASCO AIRCRAFT BRAKE INC (Continued)**

**1008383233**

EA Type Code: 325  
Facility SIC Code: Not reported  
Federal Facility ID: Not reported  
Latitude in Decimal Degrees: 33.898629  
Longitude in Decimal Degrees: -118.285738  
Permit Type Desc: Not reported  
Program System Acronym: 7425967  
Facility NAICS Code: Not reported  
Tribal Land Code: Not reported

Facility Name: NASCO AIRCRAFT BRAKE INC  
Address: 13300 ESTRELLA AVE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: NASCO AIRCRAFT BRAKE INC  
Address: 13300 ESTRELLA AVE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: NASCO AIRCRAFT BRAKE INC  
Address: 13300 ESTRELLA AVE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: NASCO AIRCRAFT BRAKE INC  
Address: 13300 ESTRELLA AVE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: NASCO AIRCRAFT BRAKE INC  
Address: 13300 ESTRELLA AVE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

Facility Name: NASCO AIRCRAFT BRAKE INC  
Address: 13300 ESTRELLA AVE  
Tribal Indicator: N  
Fed Facility: No  
NAIC Code: Not reported  
SIC Code: Not reported

**FINDS:**

Registry ID: 110022812063

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
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**NASCO AIRCRAFT BRAKE INC (Continued)**

**1008383233**

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

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 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

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

ECHO:

Envid: 1008383233  
Registry ID: 110022812063

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASCO AIRCRAFT BRAKE INC (Continued)**

**1008383233**

DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110022812063>

NPDES:

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 19I019852  
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: 10/21/2005  
Operator Name: Nasco Aircraft Brake Inc  
Operator Address: 13300 Estrella Ave  
Operator City: Gardena  
Operator State: California  
Operator Zip: 90248

NPDES as of 03/2018:

NPDES Number: Not reported  
Status: Not reported  
Agency Number: Not reported  
Region: 4  
Regulatory Measure ID: 293279  
Order Number: Not reported  
Regulatory Measure Type: Industrial  
Place ID: Not reported  
WDID: 4 19I019852  
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: 10/21/2005  
Status: Active  
Status Date: 10/21/2005  
Place Size: 46443  
Place Size Unit: SqFt  
Contact: Daniel Aron

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASCO AIRCRAFT BRAKE INC (Continued)**

**1008383233**

Contact Title:	President
Contact Phone:	310-532-4430
Contact Phone Ext:	Not reported
Contact Email:	dla@nascoaircraft.com
Operator Name:	Nasco Aircraft Brake Inc
Operator Address:	13300 Estrella Ave
Operator City:	Gardena
Operator State:	California
Operator Zip:	90248
Operator Contact:	Daniel L Aron
Operator Contact Title:	Not reported
Operator Contact Phone:	310-532-4430
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	dla@nascoaircraft.com
Operator Type:	Other
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:	310-532-4430
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:	Pacific Ocean
Certifier:	Daniel Aron
Certifier Title:	President
Certification Date:	25-FEB-15
Primary Sic:	3728-Aircraft Parts and Auxiliary Equipment, NEC
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	293279
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee

Map ID  
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Distance  
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MAP FINDINGS

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Database(s)

EDR ID Number  
EPA ID Number

**NASCO AIRCRAFT BRAKE INC (Continued)**

**1008383233**

Place ID:	Not reported
WDID:	4 19I019852
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/21/2005
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Nasco Aircraft Brake Inc
Discharge Address:	13300 Estrella Ave
Discharge City:	Gardena
Discharge State:	California
Discharge Zip:	90248
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

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EDR ID Number  
EPA ID Number

**NASCO AIRCRAFT BRAKE INC (Continued)**

**1008383233**

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:	Active
NPDES Number:	CAS000001
Region:	4
Agency Number:	0
Regulatory Measure ID:	293279
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	4 19I019852
Regulatory Measure Type:	Enrollee
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	10/21/2005
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	13300 Estrella Ave
Discharge Name:	Nasco Aircraft Brake Inc
Discharge City:	Gardena
Discharge State:	California
Discharge Zip:	90248
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:	293279
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	4 19I019852
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

Map ID  
Direction  
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Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASCO AIRCRAFT BRAKE INC (Continued)**

**1008383233**

Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	05/09/2008
Processed Date:	10/21/2005
Status:	Active
Status Date:	10/21/2005
Place Size:	46443
Place Size Unit:	SqFt
Contact:	Daniel Aron
Contact Title:	President
Contact Phone:	310-532-4430
Contact Phone Ext:	Not reported
Contact Email:	dla@nascoaircraft.com
Operator Name:	Nasco Aircraft Brake Inc
Operator Address:	13300 Estrella Ave
Operator City:	Gardena
Operator State:	California
Operator Zip:	90248
Operator Contact:	Daniel L Aron
Operator Contact Title:	Not reported
Operator Contact Phone:	310-532-4430
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	dla@nascoaircraft.com
Operator Type:	Other
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:	310-532-4430
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:	Pacific Ocean
Certifier:	Daniel Aron
Certifier Title:	President
Certification Date:	25-FEB-15
Primary Sic:	3728-Aircraft Parts and Auxiliary Equipment, NEC
Secondary Sic:	Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**NASCO AIRCRAFT BRAKE INC (Continued)**

**1008383233**

Tertiary Sic: Not reported

NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 293279  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 19I019852  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 10/21/2005  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Nasco Aircraft Brake Inc  
Discharge Address: 13300 Estrella Ave  
Discharge City: Gardena  
Discharge State: California  
Discharge Zip: 90248  
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

Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**NASCO AIRCRAFT BRAKE INC (Continued)**

**1008383233**

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

LA Co. Site Mitigation:

Facility ID:	FA0009902
Status:	Not reported
Site ID:	SD0000162
Jurisdiction:	State
Case ID:	RO0000166
Abated:	Yes
Assigned To:	Kim Clark
Entered Date:	08/17/2005
Abated Date:	01/31/2007

**102**  
**SE**  
**1/2-1**  
**0.959 mi.**  
**5066 ft.**

**PACIFIC ELECTRICORD COMPANY#**  
**747 W REDONDO BEACH BLVD**  
**GARDENA, CA 90247**

**RCRA-SQG 1000249928**  
**CA ENVIROSTOR CAD008392391**  
**CA EMI**  
**CA WDS**  
**CA CIWQS**

**Relative:**  
**Lower**

RCRA-SQG:

**Actual:**  
**51 ft.**

Date form received by agency:	09/01/1996
Facility name:	PACIFIC ELECTRICORD COMPANY#
Facility address:	747 W REDONDO BEACH BLVD GARDENA, CA 90247
EPA ID:	CAD008392391
Mailing address:	PO BOX 10 GARDENA, CA 90247
Contact:	Not reported
Contact address:	Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Land type:	Facility is not located on Indian land. Additional information is not known.
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC ELECTRICORD COMPANY# (Continued)**

**1000249928**

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: LEVITON MANUFACTURING COMPANY  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Owner  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED  
Owner/operator address: NOT REQUIRED  
NOT REQUIRED, ME 99999  
Owner/operator country: Not reported  
Owner/operator telephone: 415-555-1212  
Owner/operator email: Not reported  
Owner/operator fax: Not reported  
Owner/operator extension: Not reported  
Legal status: Private  
Owner/Operator Type: Operator  
Owner/Op start date: Not reported  
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No  
Mixed waste (haz. and radioactive): No  
Recycler of hazardous waste: No  
Transporter of hazardous waste: No  
Treater, storer or disposer of HW: No  
Underground injection activity: No  
On-site burner exemption: No  
Furnace exemption: No  
Used oil fuel burner: No  
Used oil processor: No  
User oil refiner: No  
Used oil fuel marketer to burner: No  
Used oil Specification marketer: No  
Used oil transfer facility: No  
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/11/1990  
Site name: PACIFIC ELECTRICORD COMPANY#  
Classification: Large Quantity Generator

Date form received by agency: 08/18/1980  
Site name: PACIFIC ELECTRICORD COMPANY#

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC ELECTRICORD COMPANY# (Continued)**

**1000249928**

Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date: 08/02/2005  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: EPA

Evaluation date: 01/27/1992  
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE  
Area of violation: Not reported  
Date achieved compliance: Not reported  
Evaluation lead agency: State Contractor/Grantee

ENVIROSTOR:

Facility ID: 71003785  
Status: Refer: RWQCB  
Status Date: 05/09/2013  
Site Code: Not reported  
Site Type: Tiered Permit  
Site Type Detailed: Tiered Permit  
Acres: 0  
NPL: NO  
Regulatory Agencies: NONE SPECIFIED  
Lead Agency: NONE SPECIFIED  
Program Manager: Not reported  
Supervisor: Allan Plaza  
Division Branch: Cleanup Chatsworth  
Assembly: 64  
Senate: 35  
Special Program: Not reported  
Restricted Use: NO  
Site Mgmt Req: NONE SPECIFIED  
Funding: Not reported  
Latitude: 33.89370  
Longitude: -118.2891  
APN: NONE SPECIFIED  
Past Use: NONE SPECIFIED  
Potential COC: NONE SPECIFIED  
Confirmed COC: NONE SPECIFIED  
Potential Description: NONE SPECIFIED  
Alias Name: CAD008392391  
Alias Type: EPA Identification Number  
Alias Name: 110000474512  
Alias Type: EPA (FRS #)  
Alias Name: 71003785  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC ELECTRICORD COMPANY# (Continued)**

**1000249928**

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: 4054  
Air District Name: SC  
SIC Code: 3079  
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  
County Code: 19  
Air Basin: SC  
Facility ID: 4054  
Air District Name: SC  
SIC Code: 3357  
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: 1995  
County Code: 19  
Air Basin: SC  
Facility ID: 4054  
Air District Name: SC  
SIC Code: 3357  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC ELECTRICORD COMPANY# (Continued)**

**1000249928**

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

WDS:

Facility ID: 4 19I007331  
Facility Type: Industrial - Facility that treats and/or disposes of liquid or semisolid wastes from any servicing, producing, manufacturing or processing operation of whatever nature, including mining, gravel washing, geothermal operations, air conditioning, ship building and repairing, oil production, storage and disposal operations, water pumping.  
Facility Status: Active - Any facility with a continuous or seasonal discharge that is under Waste Discharge Requirements.  
NPDES Number: CAS000001 The 1st 2 characters designate the state. The remaining 7 are assigned by the Regional Board  
Subregion: 4  
Facility Telephone: 3105326600  
Facility Contact: JOE FINANA  
Agency Name: PAC ELECTRICORD CO  
Agency Address: 747 W Redondo Beach Blvd  
Agency City,St,Zip: Gardena 902474203  
Agency Contact: JOE FINANA  
Agency Telephone: 3105326600  
Agency Type: Private  
SIC Code: 0  
SIC Code 2: Not reported  
Primary Waste Type: Not reported  
Primary Waste: Not reported  
Waste Type2: Not reported  
Waste2: Not reported  
Primary Waste Type: Not reported  
Secondary Waste: Not reported  
Secondary Waste Type: Not reported  
Design Flow: 0  
Baseline Flow: 0  
Reclamation: Not reported  
POTW: Not reported  
Treat To Water: Minor Threat to Water Quality. A violation of a regional board order should cause a relatively minor impairment of beneficial uses compared to a major or minor threat. Not: All nurds without a TTWQ will be considered a minor threat to water quality unless coded at a higher Level. A Zero (0) may be used to code those NURDS that are found to represent no threat to water quality.  
Complexity: Category C - Facilities having no waste treatment systems, such as cooling water dischargers or those who must comply through best management practices, facilities with passive waste treatment and disposal systems, such as septic systems with subsurface disposal, or dischargers having waste storage systems with land disposal such as dairy waste ponds.

CIWQS:

Agency: Pacific Electricord Co  
Agency Address: 747 W Redondo Beach Blvd, Gardena, CA 90247  
Place/Project Type: Industrial - Rolling, Drawing, and Extruding of Copper

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**PACIFIC ELECTRICORD COMPANY# (Continued)**

**1000249928**

SIC/NAICS:	Multiple
Region:	4
Program:	INDSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	4 19I007331
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	07/02/1993
Termination Date:	12/16/2004
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported
TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.89257
Longitude:	-118.28896

Count: 3 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LA HABRA	S104404933	SANTA FE PACIFIC PIPELINES	100 ROSECRANS	90061	CA CPS-SLIC
LOS ANGELES	S109422338	SOUTHERN CALIFORNIA DISPOSAL	186TH STREET AND VERMONT AVENU		CA SWF/LF
LOS ANGELES CO.	S104404722	UNOCAL - ROSECRANS LEASE	300 135TH	90061	CA CPS-SLIC

# 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: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/15/2019
	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: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: N/A
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 18	Next Scheduled EDR Contact: 07/15/2019
	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: 03/11/2019  
Date Data Arrived at EDR: 03/14/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 18

Source: EPA  
Telephone: N/A  
Last EDR Contact: 04/18/2019  
Next Scheduled EDR Contact: 07/15/2019  
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: 04/05/2019  
Next Scheduled EDR Contact: 07/15/2019  
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: 03/11/2019  
Date Data Arrived at EDR: 03/14/2019  
Date Made Active in Reports: 04/17/2019  
Number of Days to Update: 34

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 04/18/2019  
Next Scheduled EDR Contact: 07/29/2019  
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: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/29/2019
	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: 03/25/2019	Source: EPA
Date Data Arrived at EDR: 03/27/2019	Telephone: 800-424-9346
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	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: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	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: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	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: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	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: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	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: 02/22/2019	Source: Department of the Navy
Date Data Arrived at EDR: 03/07/2019	Telephone: 843-820-7326
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 02/07/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/27/2019
	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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	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: 01/31/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/04/2019	Telephone: 703-603-0695
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 32	Next Scheduled EDR Contact: 06/10/2019
	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: 02/04/2019

Date Data Arrived at EDR: 02/08/2019

Date Made Active in Reports: 03/08/2019

Number of Days to Update: 28

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180

Last EDR Contact: 03/26/2019

Next Scheduled EDR Contact: 07/08/2019

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: 01/28/2019

Date Data Arrived at EDR: 01/29/2019

Date Made Active in Reports: 03/05/2019

Number of Days to Update: 35

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/29/2019

Next Scheduled EDR Contact: 05/11/2019

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: 01/28/2019

Date Data Arrived at EDR: 01/29/2019

Date Made Active in Reports: 03/05/2019

Number of Days to Update: 35

Source: Department of Toxic Substances Control

Telephone: 916-323-3400

Last EDR Contact: 01/29/2019

Next Scheduled EDR Contact: 05/11/2019

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: 02/11/2019

Date Data Arrived at EDR: 02/12/2019

Date Made Active in Reports: 03/05/2019

Number of Days to Update: 21

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320

Last EDR Contact: 02/12/2019

Next Scheduled EDR Contact: 05/27/2019

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 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	Source: California Regional Water Quality Control Board Santa Ana Region (8)
Date Data Arrived at EDR: 02/15/2005	Telephone: 909-782-4496
Date Made Active in Reports: 03/28/2005	Last EDR Contact: 08/15/2011
Number of Days to Update: 41	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: Varies

## 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.

Date of Government Version: 07/01/2008	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 07/22/2008	Telephone: 916-464-4834
Date Made Active in Reports: 07/31/2008	Last EDR Contact: 07/01/2011
Number of Days to Update: 9	Next Scheduled EDR Contact: 10/17/2011
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 12/11/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Quarterly

## LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-622-2433  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: 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 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001  
Date Data Arrived at EDR: 04/23/2001  
Date Made Active in Reports: 05/21/2001  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-637-5595  
Last EDR Contact: 09/26/2011  
Next Scheduled EDR Contact: 01/09/2012  
Data Release Frequency: No Update Planned

## INDIAN LUST 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: 03/07/2019  
Next Scheduled EDR Contact: 05/06/2019  
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: 03/07/2019  
Next Scheduled EDR Contact: 05/06/2019  
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: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 03/05/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	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: 04/12/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Varies

### UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/11/2019  
Date Data Arrived at EDR: 03/13/2019  
Date Made Active in Reports: 04/03/2019  
Number of Days to Update: 21

Source: State Water Resources Control Board  
Telephone: 916-327-7844  
Last EDR Contact: 03/13/2019  
Next Scheduled EDR Contact: 06/24/2019  
Data Release Frequency: Varies

## MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Varies

## UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: SWRCB  
Telephone: 916-341-5851  
Last EDR Contact: 12/11/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Semi-Annually

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016  
Date Data Arrived at EDR: 07/12/2016  
Date Made Active in Reports: 09/19/2016  
Number of Days to Update: 69

Source: California Environmental Protection Agency  
Telephone: 916-327-5092  
Last EDR Contact: 03/18/2019  
Next Scheduled EDR Contact: 07/01/2019  
Data Release Frequency: Quarterly

## 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  
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: 03/07/2019  
Next Scheduled EDR Contact: 05/06/2019  
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  
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 9  
Telephone: 415-972-3368  
Last EDR Contact: 03/07/2019  
Next Scheduled EDR Contact: 05/06/2019  
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  
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 8  
Telephone: 303-312-6137  
Last EDR Contact: 03/07/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	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: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018	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: 03/05/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/12/2018	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: 03/07/2019
Number of Days to Update: 63	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Varies

## ***State and tribal voluntary cleanup sites***

### INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 03/25/2019
Number of Days to Update: 142	Next Scheduled EDR Contact: 07/08/2019
	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: 01/28/2019  
Date Data Arrived at EDR: 01/29/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 35

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 01/29/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Quarterly

## INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008  
Date Data Arrived at EDR: 04/22/2008  
Date Made Active in Reports: 05/19/2008  
Number of Days to Update: 27

Source: EPA, Region 7  
Telephone: 913-551-7365  
Last EDR Contact: 04/20/2009  
Next Scheduled EDR Contact: 07/20/2009  
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: 12/20/2018  
Date Data Arrived at EDR: 12/21/2018  
Date Made Active in Reports: 02/28/2019  
Number of Days to Update: 69

Source: State Water Resources Control Board  
Telephone: 916-323-7905  
Last EDR Contact: 03/26/2019  
Next Scheduled EDR Contact: 07/08/2019  
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: 12/17/2018  
Date Data Arrived at EDR: 12/18/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 24

Source: Environmental Protection Agency  
Telephone: 202-566-2777  
Last EDR Contact: 03/19/2019  
Next Scheduled EDR Contact: 07/01/2019  
Data Release Frequency: Semi-Annually

### **Local Lists of Landfill / Solid Waste Disposal Sites**

#### WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000  
Date Data Arrived at EDR: 04/10/2000  
Date Made Active in Reports: 05/10/2000  
Number of Days to Update: 30

Source: State Water Resources Control Board  
Telephone: 916-227-4448  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: No Update Planned

## SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/12/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 34

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 03/13/2019  
Next Scheduled EDR Contact: 06/24/2019  
Data Release Frequency: Quarterly

## HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 02/09/2019  
Date Data Arrived at EDR: 02/12/2019  
Date Made Active in Reports: 03/27/2019  
Number of Days to Update: 43

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 03/26/2019  
Next Scheduled EDR Contact: 05/27/2019  
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: 01/29/2019  
Next Scheduled EDR Contact: 05/13/2019  
Data Release Frequency: Varies

## ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
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: 02/01/2019  
Next Scheduled EDR Contact: 05/13/2019  
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: 02/24/2019	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 02/26/2019	Telephone: 202-307-1000
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 02/21/2019
Number of Days to Update: 50	Next Scheduled EDR Contact: 06/10/2019
	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: 01/28/2019	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/29/2019	Telephone: 916-323-3400
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 01/29/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/11/2019
	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: 04/22/2019
Number of Days to Update: 55	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Varies

### **CERS HAZ WASTE: CERS HAZ WASTE**

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

Date of Government Version: 10/22/2018	Source: CalEPA
Date Data Arrived at EDR: 10/23/2018	Telephone: 916-323-2514
Date Made Active in Reports: 11/30/2018	Last EDR Contact: 04/11/2019
Number of Days to Update: 38	Next Scheduled EDR Contact: 05/06/2019
	Data Release Frequency: Quarterly

### **TOXIC PITS: Toxic Pits Cleanup Act Sites**

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/1995  
Date Data Arrived at EDR: 08/30/1995  
Date Made Active in Reports: 09/26/1995  
Number of Days to Update: 27

Source: State Water Resources Control Board  
Telephone: 916-227-4364  
Last EDR Contact: 01/26/2009  
Next Scheduled EDR Contact: 04/27/2009  
Data Release Frequency: No Update Planned

## US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/24/2019  
Date Data Arrived at EDR: 02/26/2019  
Date Made Active in Reports: 04/17/2019  
Number of Days to Update: 50

Source: Drug Enforcement Administration  
Telephone: 202-307-1000  
Last EDR Contact: 02/21/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Quarterly

## PFAS: PFAS Contamination Site Location Listing

A listing of PFAS contaminated sites included in the GeoTracker database.

Date of Government Version: 02/21/2019  
Date Data Arrived at EDR: 02/22/2019  
Date Made Active in Reports: 04/15/2019  
Number of Days to Update: 52

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 03/11/2019  
Next Scheduled EDR Contact: 06/24/2019  
Data Release Frequency: Varies

## Local Lists of Registered Storage Tanks

### SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994  
Date Data Arrived at EDR: 07/07/2005  
Date Made Active in Reports: 08/11/2005  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: N/A  
Last EDR Contact: 06/03/2005  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 12/04/2018  
Date Data Arrived at EDR: 12/06/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 8

Source: Department of Public Health  
Telephone: 707-463-4466  
Last EDR Contact: 02/21/2019  
Next Scheduled EDR Contact: 06/10/2019  
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

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Varies

## CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 10/22/2018  
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: 04/11/2019  
Next Scheduled EDR Contact: 05/06/2019  
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  
Date Data Arrived at EDR: 09/05/1995  
Date Made Active in Reports: 09/29/1995  
Number of Days to Update: 24

Source: California Environmental Protection Agency  
Telephone: 916-341-5851  
Last EDR Contact: 12/28/1998  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## **Local Land Records**

### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 02/28/2019  
Date Data Arrived at EDR: 03/01/2019  
Date Made Active in Reports: 04/02/2019  
Number of Days to Update: 32

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/17/2019  
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: 03/11/2019  
Date Data Arrived at EDR: 03/14/2019  
Date Made Active in Reports: 03/21/2019  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 04/18/2019  
Next Scheduled EDR Contact: 08/05/2019  
Data Release Frequency: Semi-Annually

### DEED: Deed Restriction Listing

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 03/04/2019	Source: DTSC and SWRCB
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-323-3400
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 03/05/2019
Number of Days to Update: 27	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Semi-Annually

## **Records of Emergency Release Reports**

### **HMIRS: Hazardous Materials Information Reporting System**

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/08/2019	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 02/08/2019	Telephone: 202-366-4555
Date Made Active in Reports: 03/21/2019	Last EDR Contact: 03/26/2019
Number of Days to Update: 41	Next Scheduled EDR Contact: 07/08/2019
	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: 10/24/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 01/24/2019	Telephone: 916-845-8400
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 01/24/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 05/06/2019
	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: 12/10/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

### **MCS: Military Cleanup Sites Listing (GEOTRACKER)**

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## Other Ascertainable Records

### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/25/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/27/2019	Telephone: (415) 495-8895
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 03/27/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/08/2019
	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	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 07/08/2015	Telephone: 202-528-4285
Date Made Active in Reports: 10/13/2015	Last EDR Contact: 04/03/2019
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/03/2019
	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	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/12/2019
Number of Days to Update: 62	Next Scheduled EDR Contact: 07/22/2019
	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	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 04/12/2019
Number of Days to Update: 339	Next Scheduled EDR Contact: 07/22/2019
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 02/15/2019  
Next Scheduled EDR Contact: 05/27/2019  
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: 01/31/2019  
Date Data Arrived at EDR: 02/04/2019  
Date Made Active in Reports: 03/08/2019  
Number of Days to Update: 32

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 03/26/2019  
Next Scheduled EDR Contact: 07/08/2019  
Data Release Frequency: Quarterly

## EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013  
Date Data Arrived at EDR: 03/21/2014  
Date Made Active in Reports: 06/17/2014  
Number of Days to Update: 88

Source: Environmental Protection Agency  
Telephone: 617-520-3000  
Last EDR Contact: 02/08/2019  
Next Scheduled EDR Contact: 05/20/2019  
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  
Date Data Arrived at EDR: 05/08/2018  
Date Made Active in Reports: 07/20/2018  
Number of Days to Update: 73

Source: Environmental Protection Agency  
Telephone: 703-308-4044  
Last EDR Contact: 02/08/2019  
Next Scheduled EDR Contact: 05/20/2019  
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  
Date Data Arrived at EDR: 06/21/2017  
Date Made Active in Reports: 01/05/2018  
Number of Days to Update: 198

Source: EPA  
Telephone: 202-260-5521  
Last EDR Contact: 03/22/2019  
Next Scheduled EDR Contact: 07/01/2019  
Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2016  
Date Data Arrived at EDR: 01/10/2018  
Date Made Active in Reports: 01/12/2018  
Number of Days to Update: 2

Source: EPA  
Telephone: 202-566-0250  
Last EDR Contact: 02/20/2019  
Next Scheduled EDR Contact: 06/03/2019  
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  
Date Data Arrived at EDR: 12/10/2010  
Date Made Active in Reports: 02/25/2011  
Number of Days to Update: 77

Source: EPA  
Telephone: 202-564-4203  
Last EDR Contact: 03/25/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Annually

## ROD: Records Of Decision

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

Date of Government Version: 03/11/2019  
Date Data Arrived at EDR: 03/14/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 18

Source: EPA  
Telephone: 703-416-0223  
Last EDR Contact: 04/18/2019  
Next Scheduled EDR Contact: 06/17/2019  
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: 02/01/2019  
Date Data Arrived at EDR: 02/14/2019  
Date Made Active in Reports: 03/21/2019  
Number of Days to Update: 35

Source: Environmental Protection Agency  
Telephone: 202-564-8600  
Last EDR Contact: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
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  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 06/02/2008  
Next Scheduled EDR Contact: 09/01/2008  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 03/11/2019	Source: EPA
Date Data Arrived at EDR: 03/14/2019	Telephone: 202-564-6023
Date Made Active in Reports: 04/17/2019	Last EDR Contact: 04/18/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/20/2019
	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: 04/10/2019
Number of Days to Update: 57	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Annually

## ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 04/08/2019
Number of Days to Update: 79	Next Scheduled EDR Contact: 07/22/2019
	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: 04/22/2019
Number of Days to Update: 43	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	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: 03/07/2019
Number of Days to Update: 76	Next Scheduled EDR Contact: 06/17/2019
	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: 03/05/2019
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Varies

## PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	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: 01/25/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/06/2019
	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: 01/02/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2019	Telephone: 202-343-9775
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 04/02/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 07/15/2019
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

## DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 12/03/2018  
Date Data Arrived at EDR: 01/29/2019  
Date Made Active in Reports: 03/21/2019  
Number of Days to Update: 51

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 01/29/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Quarterly

## CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2018  
Date Data Arrived at EDR: 02/11/2019  
Date Made Active in Reports: 03/21/2019  
Number of Days to Update: 38

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 04/05/2019  
Next Scheduled EDR Contact: 07/22/2019  
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: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
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: 04/11/2019  
Next Scheduled EDR Contact: 07/22/2019  
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: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/22/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 03/11/2019  
Date Data Arrived at EDR: 03/14/2019  
Date Made Active in Reports: 03/21/2019  
Number of Days to Update: 7

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 04/18/2019  
Next Scheduled EDR Contact: 07/15/2019  
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

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: 11/27/2018  
Date Data Arrived at EDR: 02/27/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 33

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/10/2019  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/05/2005	Source: USGS
Date Data Arrived at EDR: 02/29/2008	Telephone: 703-648-7709
Date Made Active in Reports: 04/18/2008	Last EDR Contact: 03/01/2019
Number of Days to Update: 49	Next Scheduled EDR Contact: 06/10/2019
	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	Source: USGS
Date Data Arrived at EDR: 06/08/2011	Telephone: 703-648-7709
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 03/01/2019
Number of Days to Update: 97	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

## ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018	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: 03/21/2019
Number of Days to Update: 3	Next Scheduled EDR Contact: 06/24/2019
	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: 02/15/2019	Source: EPA
Date Data Arrived at EDR: 03/05/2019	Telephone: (415) 947-8000
Date Made Active in Reports: 03/15/2019	Last EDR Contact: 03/05/2019
Number of Days to Update: 10	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Quarterly

## UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017	Source: Department of Defense
Date Data Arrived at EDR: 01/17/2019	Telephone: 703-704-1564
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/15/2019
Number of Days to Update: 74	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Varies

## DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 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: 03/01/2019
Number of Days to Update: 71	Next Scheduled EDR Contact: 06/10/2019
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 03/03/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: 202-564-2280
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 04/09/2019
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/22/2019
	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.

Date of Government Version: 02/19/2019	Source: EPA
Date Data Arrived at EDR: 02/21/2019	Telephone: 800-385-6164
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 02/21/2019
Number of Days to Update: 39	Next Scheduled EDR Contact: 06/03/2019
	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	Source: Department of Health Services
Date Data Arrived at EDR: 07/27/1994	Telephone: 916-255-2118
Date Made Active in Reports: 08/02/1994	Last EDR Contact: 05/31/1994
Number of Days to Update: 6	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 12/20/2018	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 12/21/2018	Telephone: 916-323-3400
Date Made Active in Reports: 02/28/2019	Last EDR Contact: 03/26/2019
Number of Days to Update: 69	Next Scheduled EDR Contact: 07/08/2019
	Data Release Frequency: Quarterly

## CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 09/11/2018	Source: San Francisco County Department of Environmental Health
Date Data Arrived at EDR: 09/12/2018	Telephone: 415-252-3896
Date Made Active in Reports: 09/19/2018	Last EDR Contact: 04/18/2019
Number of Days to Update: 7	Next Scheduled EDR Contact: 05/20/2019
	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: 01/23/2019	Source: Livermore-Pleasanton Fire Department
Date Data Arrived at EDR: 02/26/2019	Telephone: 925-454-2361
Date Made Active in Reports: 04/01/2019	Last EDR Contact: 02/26/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 05/27/2019
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/27/2019  
Date Data Arrived at EDR: 02/28/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 32

Source: Antelope Valley Air Quality Management District  
Telephone: 661-723-8070  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Varies

## DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 12/13/2018  
Date Data Arrived at EDR: 01/17/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 47

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/17/2019  
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: 03/19/2019  
Date Data Arrived at EDR: 03/22/2019  
Date Made Active in Reports: 04/09/2019  
Number of Days to Update: 18

Source: South Coast Air Quality Management District  
Telephone: 909-396-3211  
Last EDR Contact: 03/22/2019  
Next Scheduled EDR Contact: 06/10/2019  
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: 03/22/2019  
Next Scheduled EDR Contact: 07/01/2019  
Data Release Frequency: Varies

## ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 11/01/2018  
Date Data Arrived at EDR: 11/02/2018  
Date Made Active in Reports: 12/13/2018  
Number of Days to Update: 41

Source: State Water Resources Control Board  
Telephone: 916-445-9379  
Last EDR Contact: 03/18/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 01/10/2019  
Date Data Arrived at EDR: 01/23/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 41

Source: Department of Toxic Substances Control  
Telephone: 916-255-3628  
Last EDR Contact: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/15/2019  
Date Data Arrived at EDR: 02/19/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 14

Source: California Integrated Waste Management Board  
Telephone: 916-341-6066  
Last EDR Contact: 02/11/2019  
Next Scheduled EDR Contact: 05/27/2019  
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.

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: 04/22/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Annually

## ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 02/19/2019  
Date Data Arrived at EDR: 02/20/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 13

Source: Department of Toxic Substances Control  
Telephone: 877-786-9427  
Last EDR Contact: 02/20/2019  
Next Scheduled EDR Contact: 06/03/2019  
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: 02/19/2019  
Date Data Arrived at EDR: 02/20/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 13

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/20/2019  
Next Scheduled EDR Contact: 06/03/2019  
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: 01/07/2019  
Date Data Arrived at EDR: 01/08/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 56

Source: Department of Toxic Substances Control  
Telephone: 916-440-7145  
Last EDR Contact: 04/09/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 12/10/2018	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2018	Telephone: 916-322-1080
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Quarterly

## MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 02/20/2019	Source: Department of Public Health
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-558-1784
Date Made Active in Reports: 04/02/2019	Last EDR Contact: 03/05/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Varies

## NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 02/11/2019	Source: State Water Resources Control Board
Date Data Arrived at EDR: 02/12/2019	Telephone: 916-445-9379
Date Made Active in Reports: 03/07/2019	Last EDR Contact: 02/12/2019
Number of Days to Update: 23	Next Scheduled EDR Contact: 05/27/2019
	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: 03/04/2019	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 03/05/2019	Telephone: 916-445-4038
Date Made Active in Reports: 04/05/2019	Last EDR Contact: 03/05/2019
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Quarterly

## PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 12/10/2018	Source: Department of Conservation
Date Data Arrived at EDR: 12/12/2018	Telephone: 916-323-3836
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 03/13/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Quarterly

## NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 09/19/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/20/2018	Telephone: 916-445-3846
Date Made Active in Reports: 10/19/2018	Last EDR Contact: 03/18/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/01/2019
	Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: Department of Conservation
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-445-2408
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 03/13/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Varies

## UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 12/10/2018	Source: State Water Resource Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

## WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 05/08/2018	Source: RWQCB, Central Valley Region
Date Data Arrived at EDR: 07/11/2018	Telephone: 559-445-5577
Date Made Active in Reports: 09/13/2018	Last EDR Contact: 04/12/2019
Number of Days to Update: 64	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Varies

## WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2007	Telephone: 916-341-5227
Date Made Active in Reports: 06/29/2007	Last EDR Contact: 02/13/2019
Number of Days to Update: 9	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Quarterly

## MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	Data Release Frequency: Varies

## PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 12/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/11/2018	Telephone: 866-480-1028
Date Made Active in Reports: 01/15/2019	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 03/25/2019
	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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/12/2018  
Date Made Active in Reports: 01/18/2019  
Number of Days to Update: 37

Source: State Water Resources Control Board  
Telephone: 916-341-5810  
Last EDR Contact: 03/13/2019  
Next Scheduled EDR Contact: 06/24/2019  
Data Release Frequency: Quarterly

## CIWQS: California Integrated Water Quality System

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

Date of Government Version: 03/05/2019  
Date Data Arrived at EDR: 03/05/2019  
Date Made Active in Reports: 04/02/2019  
Number of Days to Update: 28

Source: State Water Resources Control Board  
Telephone: 866-794-4977  
Last EDR Contact: 03/05/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Varies

## CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 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: 04/11/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Varies

## NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
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: 03/25/2019  
Next Scheduled EDR Contact: 07/08/2019  
Data Release Frequency: Varies

## OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Varies

## PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Varies

## SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Varies

## WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 12/10/2018  
Date Data Arrived at EDR: 12/11/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 35

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 12/12/2018  
Next Scheduled EDR Contact: 03/25/2019  
Data Release Frequency: Varies

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

#### RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

#### RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## COUNTY RECORDS

### ALAMEDA COUNTY:

#### CS ALAMEDA: Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/11/2019	Telephone: 510-567-6700
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 04/22/2019
Number of Days to Update: 53	Next Scheduled EDR Contact: 07/22/2019
	Data Release Frequency: Semi-Annually

#### UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/07/2019	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 01/08/2019	Telephone: 510-567-6700
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 04/08/2019
Number of Days to Update: 59	Next Scheduled EDR Contact: 04/24/2047
	Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA AMADOR: CUPA Facility List Cupa Facility List

Date of Government Version: 01/07/2019  
Date Data Arrived at EDR: 01/08/2019  
Date Made Active in Reports: 03/07/2019  
Number of Days to Update: 58

Source: Amador County Environmental Health  
Telephone: 209-223-6439  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Varies

## BUTTE COUNTY:

### CUPA BUTTE: CUPA Facility Listing Cupa facility list.

Date of Government Version: 04/21/2017  
Date Data Arrived at EDR: 04/25/2017  
Date Made Active in Reports: 08/09/2017  
Number of Days to Update: 106

Source: Public Health Department  
Telephone: 530-538-7149  
Last EDR Contact: 04/08/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: No Update Planned

## CALVERAS COUNTY:

### CUPA CALVERAS: CUPA Facility Listing Cupa Facility Listing

Date of Government Version: 01/24/2019  
Date Data Arrived at EDR: 01/25/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 39

Source: Calveras County Environmental Health  
Telephone: 209-754-6399  
Last EDR Contact: 03/25/2019  
Next Scheduled EDR Contact: 07/08/2019  
Data Release Frequency: Quarterly

## COLUSA COUNTY:

### CUPA COLUSA: CUPA Facility List Cupa facility list.

Date of Government Version: 02/27/2019  
Date Data Arrived at EDR: 02/28/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 32

Source: Health & Human Services  
Telephone: 530-458-0396  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 05/20/2019  
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: 02/14/2019  
Date Data Arrived at EDR: 02/19/2019  
Date Made Active in Reports: 03/08/2019  
Number of Days to Update: 17

Source: Contra Costa Health Services Department  
Telephone: 925-646-2286  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Semi-Annually

## DEL NORTE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA DEL NORTE: CUPA Facility List Cupa Facility list

Date of Government Version: 01/16/2019  
Date Data Arrived at EDR: 02/05/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 28

Source: Del Norte County Environmental Health Division  
Telephone: 707-465-0426  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Varies

## EL DORADO COUNTY:

### CUPA EL DORADO: CUPA Facility List CUPA facility list.

Date of Government Version: 02/27/2019  
Date Data Arrived at EDR: 02/28/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 32

Source: El Dorado County Environmental Management Department  
Telephone: 530-621-6623  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
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: 03/29/2019  
Next Scheduled EDR Contact: 07/15/2019  
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: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
Data Release Frequency: Varies

## HUMBOLDT COUNTY:

### CUPA HUMBOLDT: CUPA Facility List CUPA facility list.

Date of Government Version: 12/11/2018  
Date Data Arrived at EDR: 12/13/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 33

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:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA IMPERIAL: CUPA Facility List Cupa facility list.

Date of Government Version: 01/18/2019  
Date Data Arrived at EDR: 01/23/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 41

Source: San Diego Border Field Office  
Telephone: 760-339-2777  
Last EDR Contact: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
Data Release Frequency: Varies

## INYO COUNTY:

### CUPA INYO: CUPA Facility List Cupa facility list.

Date of Government Version: 04/02/2018  
Date Data Arrived at EDR: 04/03/2018  
Date Made Active in Reports: 06/14/2018  
Number of Days to Update: 29

Source: Inyo County Environmental Health Services  
Telephone: 760-878-0238  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## KERN COUNTY:

### UST KERN: Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 01/28/2019  
Date Data Arrived at EDR: 02/07/2019  
Date Made Active in Reports: 03/08/2019  
Number of Days to Update: 29

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
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: 02/14/2019  
Date Data Arrived at EDR: 02/19/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 14

Source: Kings County Department of Public Health  
Telephone: 559-584-1411  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## LAKE COUNTY:

### CUPA LAKE: CUPA Facility List Cupa facility list

Date of Government Version: 02/08/2019  
Date Data Arrived at EDR: 02/12/2019  
Date Made Active in Reports: 03/12/2019  
Number of Days to Update: 28

Source: Lake County Environmental Health  
Telephone: 707-263-1164  
Last EDR Contact: 04/15/2019  
Next Scheduled EDR Contact: 07/29/2019  
Data Release Frequency: Varies

## LASSEN COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA LASSEN: CUPA Facility List Cupa facility list

Date of Government Version: 01/17/2019  
Date Data Arrived at EDR: 01/18/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 46

Source: Lassen County Environmental Health  
Telephone: 530-251-8528  
Last EDR Contact: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
Data Release Frequency: Varies

## LOS ANGELES COUNTY:

### AOCONCERN: Key Areas of Concerns in Los Angeles County

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009  
Date Data Arrived at EDR: 03/31/2009  
Date Made Active in Reports: 10/23/2009  
Number of Days to Update: 206

Source: N/A  
Telephone: N/A  
Last EDR Contact: 03/18/2019  
Next Scheduled EDR Contact: 07/01/2019  
Data Release Frequency: No Update Planned

### HMS LOS ANGELES: HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 12/19/2018  
Date Data Arrived at EDR: 01/10/2019  
Date Made Active in Reports: 03/07/2019  
Number of Days to Update: 56

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 04/22/2019  
Next Scheduled EDR Contact: 07/22/2019  
Data Release Frequency: Semi-Annually

### LF LOS ANGELES: List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 01/14/2019  
Date Data Arrived at EDR: 01/15/2019  
Date Made Active in Reports: 03/07/2019  
Number of Days to Update: 51

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 04/16/2019  
Next Scheduled EDR Contact: 07/29/2019  
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: 01/01/2019  
Date Data Arrived at EDR: 01/15/2019  
Date Made Active in Reports: 03/07/2019  
Number of Days to Update: 51

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 04/15/2019  
Next Scheduled EDR Contact: 07/29/2019  
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: 01/30/2019  
Date Data Arrived at EDR: 02/01/2019  
Date Made Active in Reports: 03/07/2019  
Number of Days to Update: 34

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 04/16/2019  
Next Scheduled EDR Contact: 07/29/2019  
Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST EL SEGUNDO: City of El Segundo Underground Storage Tank  
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017	Source: City of El Segundo Fire Department
Date Data Arrived at EDR: 04/19/2017	Telephone: 310-524-2236
Date Made Active in Reports: 05/10/2017	Last EDR Contact: 04/15/2019
Number of Days to Update: 21	Next Scheduled EDR Contact: 07/29/2019
	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	Source: City of Long Beach Fire Department
Date Data Arrived at EDR: 03/10/2017	Telephone: 562-570-2563
Date Made Active in Reports: 05/03/2017	Last EDR Contact: 04/22/2019
Number of Days to Update: 54	Next Scheduled EDR Contact: 08/05/2019
	Data Release Frequency: Annually

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: 04/22/2019
Number of Days to Update: 28	Next Scheduled EDR Contact: 08/05/2019
	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: 02/20/2019	Source: Madera County Environmental Health
Date Data Arrived at EDR: 02/22/2019	Telephone: 559-675-7823
Date Made Active in Reports: 03/07/2019	Last EDR Contact: 02/15/2019
Number of Days to Update: 13	Next Scheduled EDR Contact: 06/03/2019
	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: 03/29/2019
Number of Days to Update: 29	Next Scheduled EDR Contact: 07/15/2019
	Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List  
CUPA facility list.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/29/2018  
Date Data Arrived at EDR: 08/31/2018  
Date Made Active in Reports: 09/19/2018  
Number of Days to Update: 19

Source: Merced County Environmental Health  
Telephone: 209-381-1094  
Last EDR Contact: 03/18/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## MONO COUNTY:

CUPA MONO: CUPA Facility List  
CUPA Facility List

Date of Government Version: 02/21/2019  
Date Data Arrived at EDR: 02/26/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 34

Source: Mono County Health Department  
Telephone: 760-932-5580  
Last EDR Contact: 02/21/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Varies

## MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing  
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 02/05/2019  
Date Data Arrived at EDR: 02/07/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 26

Source: Monterey County Health Department  
Telephone: 831-796-1297  
Last EDR Contact: 04/01/2019  
Next Scheduled EDR Contact: 07/15/2019  
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: 02/21/2019  
Next Scheduled EDR Contact: 06/10/2019  
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: 02/21/2019  
Date Data Arrived at EDR: 02/22/2019  
Date Made Active in Reports: 03/08/2019  
Number of Days to Update: 14

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 02/21/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: No Update Planned

## NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List  
CUPA facility list.

Date of Government Version: 01/25/2019  
Date Data Arrived at EDR: 01/29/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 35

Source: Community Development Agency  
Telephone: 530-265-1467  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Varies

## ORANGE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

IND\_SITE ORANGE: List of Industrial Site Cleanups  
Petroleum and non-petroleum spills.

Date of Government Version: 01/02/2019	Source: Health Care Agency
Date Data Arrived at EDR: 02/07/2019	Telephone: 714-834-3446
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups  
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 01/02/2019	Source: Health Care Agency
Date Data Arrived at EDR: 02/08/2019	Telephone: 714-834-3446
Date Made Active in Reports: 03/06/2019	Last EDR Contact: 02/04/2019
Number of Days to Update: 26	Next Scheduled EDR Contact: 05/20/2019
	Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities  
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 01/02/2019	Source: Health Care Agency
Date Data Arrived at EDR: 02/05/2019	Telephone: 714-834-3446
Date Made Active in Reports: 03/08/2019	Last EDR Contact: 02/05/2019
Number of Days to Update: 31	Next Scheduled EDR Contact: 05/20/2019
	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: 02/28/2019	Source: Placer County Health and Human Services
Date Data Arrived at EDR: 03/01/2019	Telephone: 530-745-2363
Date Made Active in Reports: 04/12/2019	Last EDR Contact: 02/27/2019
Number of Days to Update: 42	Next Scheduled EDR Contact: 06/17/2019
	Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List  
Plumas County CUPA Program facilities.

Date of Government Version: 01/14/2019	Source: Plumas County Environmental Health
Date Data Arrived at EDR: 01/18/2019	Telephone: 530-283-6355
Date Made Active in Reports: 03/05/2019	Last EDR Contact: 04/22/2019
Number of Days to Update: 46	Next Scheduled EDR Contact: 08/05/2019
	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: 01/29/2019	Source: Department of Environmental Health
Date Data Arrived at EDR: 01/31/2019	Telephone: 951-358-5055
Date Made Active in Reports: 03/06/2019	Last EDR Contact: 03/18/2019
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/01/2019
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## UST RIVERSIDE: Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 01/29/2019  
Date Data Arrived at EDR: 01/31/2019  
Date Made Active in Reports: 03/08/2019  
Number of Days to Update: 36

Source: Department of Environmental Health  
Telephone: 951-358-5055  
Last EDR Contact: 03/18/2019  
Next Scheduled EDR Contact: 07/01/2019  
Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

### CS SACRAMENTO: Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2018  
Date Data Arrived at EDR: 01/04/2019  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 60

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 04/02/2019  
Next Scheduled EDR Contact: 07/15/2019  
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: 11/07/2018  
Date Data Arrived at EDR: 12/28/2018  
Date Made Active in Reports: 03/05/2019  
Number of Days to Update: 67

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 04/02/2019  
Next Scheduled EDR Contact: 07/15/2019  
Data Release Frequency: Quarterly

## SAN BENITO COUNTY:

### CUPA SAN BENITO: CUPA Facility List

Cupa facility list

Date of Government Version: 11/15/2018  
Date Data Arrived at EDR: 11/16/2018  
Date Made Active in Reports: 12/13/2018  
Number of Days to Update: 27

Source: San Benito County Environmental Health  
Telephone: N/A  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 05/20/2019  
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: 02/27/2019  
Date Data Arrived at EDR: 02/28/2019  
Date Made Active in Reports: 04/02/2019  
Number of Days to Update: 33

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 02/19/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 03/04/2019  
Date Data Arrived at EDR: 03/05/2019  
Date Made Active in Reports: 04/02/2019  
Number of Days to Update: 28

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 03/05/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Quarterly

## LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 04/18/2018  
Date Data Arrived at EDR: 04/24/2018  
Date Made Active in Reports: 06/19/2018  
Number of Days to Update: 56

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
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: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
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: 02/27/2019  
Next Scheduled EDR Contact: 06/17/2019  
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: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Quarterly

### UST SAN FRANCISCO: Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/05/2018  
Date Data Arrived at EDR: 11/06/2018  
Date Made Active in Reports: 12/14/2018  
Number of Days to Update: 38

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
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: 03/18/2019  
Next Scheduled EDR Contact: 07/01/2019  
Data Release Frequency: Semi-Annually

## SAN LUIS OBISPO COUNTY:

### CUPA SAN LUIS OBISPO: CUPA Facility List Cupa Facility List.

Date of Government Version: 02/13/2019  
Date Data Arrived at EDR: 02/15/2019  
Date Made Active in Reports: 03/14/2019  
Number of Days to Update: 27

Source: San Luis Obispo County Public Health Department  
Telephone: 805-781-5596  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
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: 12/03/2018  
Date Data Arrived at EDR: 12/12/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 34

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 03/13/2019  
Next Scheduled EDR Contact: 06/24/2019  
Data Release Frequency: Annually

### LUST SAN MATEO: Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 12/13/2018  
Date Data Arrived at EDR: 12/18/2018  
Date Made Active in Reports: 01/23/2019  
Number of Days to Update: 36

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 03/25/2019  
Next Scheduled EDR Contact: 06/24/2019  
Data Release Frequency: Semi-Annually

## SANTA BARBARA COUNTY:

### CUPA SANTA BARBARA: CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011  
Date Data Arrived at EDR: 09/09/2011  
Date Made Active in Reports: 10/07/2011  
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department  
Telephone: 805-686-8167  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## SANTA CLARA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA SANTA CLARA: Cupa Facility List Cupa facility list

Date of Government Version: 02/13/2019  
Date Data Arrived at EDR: 02/19/2019  
Date Made Active in Reports: 03/06/2019  
Number of Days to Update: 15

Source: Department of Environmental Health  
Telephone: 408-918-1973  
Last EDR Contact: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
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

## 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: 02/21/2019  
Next Scheduled EDR Contact: 06/10/2019  
Data Release Frequency: Annually

## SAN JOSE HAZMAT: Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 01/30/2019  
Date Data Arrived at EDR: 02/01/2019  
Date Made Active in Reports: 03/07/2019  
Number of Days to Update: 34

Source: City of San Jose Fire Department  
Telephone: 408-535-7694  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
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: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
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: 02/13/2019  
Next Scheduled EDR Contact: 06/03/2019  
Data Release Frequency: Varies

## SOLANO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LUST SOLANO: Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 11/29/2018  
Date Data Arrived at EDR: 12/04/2018  
Date Made Active in Reports: 01/11/2019  
Number of Days to Update: 38

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Quarterly

## UST SOLANO: Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/05/2019  
Date Data Arrived at EDR: 03/07/2019  
Date Made Active in Reports: 04/03/2019  
Number of Days to Update: 27

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### CUPA SONOMA: Cupa Facility List

Cupa Facility list

Date of Government Version: 12/21/2018  
Date Data Arrived at EDR: 12/27/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 19

Source: County of Sonoma Fire & Emergency Services Department  
Telephone: 707-565-1174  
Last EDR Contact: 03/25/2019  
Next Scheduled EDR Contact: 07/08/2019  
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: 01/08/2019  
Date Data Arrived at EDR: 01/10/2019  
Date Made Active in Reports: 03/06/2019  
Number of Days to Update: 55

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 04/08/2019  
Next Scheduled EDR Contact: 07/08/2019  
Data Release Frequency: Quarterly

## STANISLAUS COUNTY:

### CUPA STANISLAUS: CUPA Facility List

Cupa facility list

Date of Government Version: 12/11/2018  
Date Data Arrived at EDR: 12/13/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 33

Source: Stanislaus County Department of Environmental Protection  
Telephone: 209-525-6751  
Last EDR Contact: 04/15/2019  
Next Scheduled EDR Contact: 07/29/2019  
Data Release Frequency: Varies

## SUTTER COUNTY:

### UST SUTTER: Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 02/28/2019  
Date Data Arrived at EDR: 03/01/2019  
Date Made Active in Reports: 04/03/2019  
Number of Days to Update: 33

Source: Sutter County Environmental Health Services  
Telephone: 530-822-7500  
Last EDR Contact: 02/27/2019  
Next Scheduled EDR Contact: 06/17/2019  
Data Release Frequency: Semi-Annually

## TEHAMA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## CUPA TEHAMA: CUPA Facility List Cupa facilities

Date of Government Version: 12/13/2018  
Date Data Arrived at EDR: 12/18/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 28

Source: Tehama County Department of Environmental Health  
Telephone: 530-527-8020  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
Data Release Frequency: Varies

## TRINITY COUNTY:

### CUPA TRINITY: CUPA Facility List Cupa facility list

Date of Government Version: 01/18/2019  
Date Data Arrived at EDR: 01/23/2019  
Date Made Active in Reports: 03/06/2019  
Number of Days to Update: 42

Source: Department of Toxic Substances Control  
Telephone: 760-352-0381  
Last EDR Contact: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
Data Release Frequency: Varies

## TULARE COUNTY:

### CUPA TULARE: CUPA Facility List Cupa program facilities

Date of Government Version: 12/26/2018  
Date Data Arrived at EDR: 12/27/2018  
Date Made Active in Reports: 01/15/2019  
Number of Days to Update: 19

Source: Tulare County Environmental Health Services Division  
Telephone: 559-624-7400  
Last EDR Contact: 01/31/2019  
Next Scheduled EDR Contact: 05/20/2019  
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: Division of Environmental Health  
Telephone: 209-533-5633  
Last EDR Contact: 04/22/2019  
Next Scheduled EDR Contact: 08/05/2019  
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: 12/26/2018  
Date Data Arrived at EDR: 01/24/2019  
Date Made Active in Reports: 02/28/2019  
Number of Days to Update: 35

Source: Ventura County Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 01/22/2019  
Next Scheduled EDR Contact: 05/06/2019  
Data Release Frequency: Quarterly

### LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/01/2011  
Date Data Arrived at EDR: 12/01/2011  
Date Made Active in Reports: 01/19/2012  
Number of Days to Update: 49

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 03/29/2019  
Next Scheduled EDR Contact: 07/15/2019  
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: 02/07/2019  
Next Scheduled EDR Contact: 05/27/2019  
Data Release Frequency: Quarterly

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: 12/26/2018  
Date Data Arrived at EDR: 01/24/2019  
Date Made Active in Reports: 03/07/2019  
Number of Days to Update: 42

Source: Ventura County Resource Management Agency  
Telephone: 805-654-2813  
Last EDR Contact: 01/22/2019  
Next Scheduled EDR Contact: 05/06/2019  
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: 02/26/2019  
Date Data Arrived at EDR: 03/13/2019  
Date Made Active in Reports: 04/03/2019  
Number of Days to Update: 21

Source: Environmental Health Division  
Telephone: 805-654-2813  
Last EDR Contact: 03/13/2019  
Next Scheduled EDR Contact: 06/24/2019  
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 12/26/2018  
Date Data Arrived at EDR: 01/03/2019  
Date Made Active in Reports: 01/16/2019  
Number of Days to Update: 13

Source: Yolo County Department of Health  
Telephone: 530-666-8646  
Last EDR Contact: 03/29/2019  
Next Scheduled EDR Contact: 07/15/2019  
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 02/08/2019  
Date Data Arrived at EDR: 02/12/2019  
Date Made Active in Reports: 03/06/2019  
Number of Days to Update: 22

Source: Yuba County Environmental Health Department  
Telephone: 530-749-7523  
Last EDR Contact: 01/28/2019  
Next Scheduled EDR Contact: 05/11/2019  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 02/11/2019	Source: Department of Energy & Environmental Protection
Date Data Arrived at EDR: 02/12/2019	Telephone: 860-424-3375
Date Made Active in Reports: 03/04/2019	Last EDR Contact: 02/12/2019
Number of Days to Update: 20	Next Scheduled EDR Contact: 05/27/2019
	Data Release Frequency: No Update Planned

### NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 07/13/2018	Telephone: N/A
Date Made Active in Reports: 08/01/2018	Last EDR Contact: 04/10/2019
Number of Days to Update: 19	Next Scheduled EDR Contact: 07/22/2019
	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: 01/01/2019	Source: Department of Environmental Conservation
Date Data Arrived at EDR: 01/30/2019	Telephone: 518-402-8651
Date Made Active in Reports: 02/14/2019	Last EDR Contact: 01/30/2019
Number of Days to Update: 15	Next Scheduled EDR Contact: 05/11/2019
	Data Release Frequency: Quarterly

### PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Environmental Protection
Date Data Arrived at EDR: 10/23/2018	Telephone: 717-783-8990
Date Made Active in Reports: 11/27/2018	Last EDR Contact: 04/15/2019
Number of Days to Update: 35	Next Scheduled EDR Contact: 07/29/2019
	Data Release Frequency: Annually

### RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2017	Source: Department of Environmental Management
Date Data Arrived at EDR: 02/23/2018	Telephone: 401-222-2797
Date Made Active in Reports: 04/09/2018	Last EDR Contact: 02/19/2019
Number of Days to Update: 45	Next Scheduled EDR Contact: 06/03/2019
	Data Release Frequency: Annually

### WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2017	Source: Department of Natural Resources
Date Data Arrived at EDR: 06/15/2018	Telephone: N/A
Date Made Active in Reports: 07/09/2018	Last EDR Contact: 03/11/2019
Number of Days to Update: 24	Next Scheduled EDR Contact: 06/24/2019
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### Oil/Gas Pipelines

Source: PennWell Corporation  
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

### Electric Power Transmission Line Data

Source: PennWell Corporation  
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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

### AHA Hospitals:

Source: American Hospital Association, Inc.  
Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services  
Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health  
Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics  
Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Licensed Facilities

Source: Department of Social Services  
Telephone: 916-657-4041

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA  
Telephone: 877-336-2627  
Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife  
Telephone: 916-445-0411

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Current USGS 7.5 Minute Topographic Map  
Source: U.S. Geological Survey

## STREET AND ADDRESS INFORMATION

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

1341 W 141ST STREET  
1341 W 141ST STREET  
GARDENA, CA 90247

### **TARGET PROPERTY COORDINATES**

Latitude (North):	33.90423 - 33° 54' 15.23"
Longitude (West):	118.299823 - 118° 17' 59.36"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	379823.0
UTM Y (Meters):	3752103.5
Elevation:	53 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5640440 INGLEWOOD, 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).

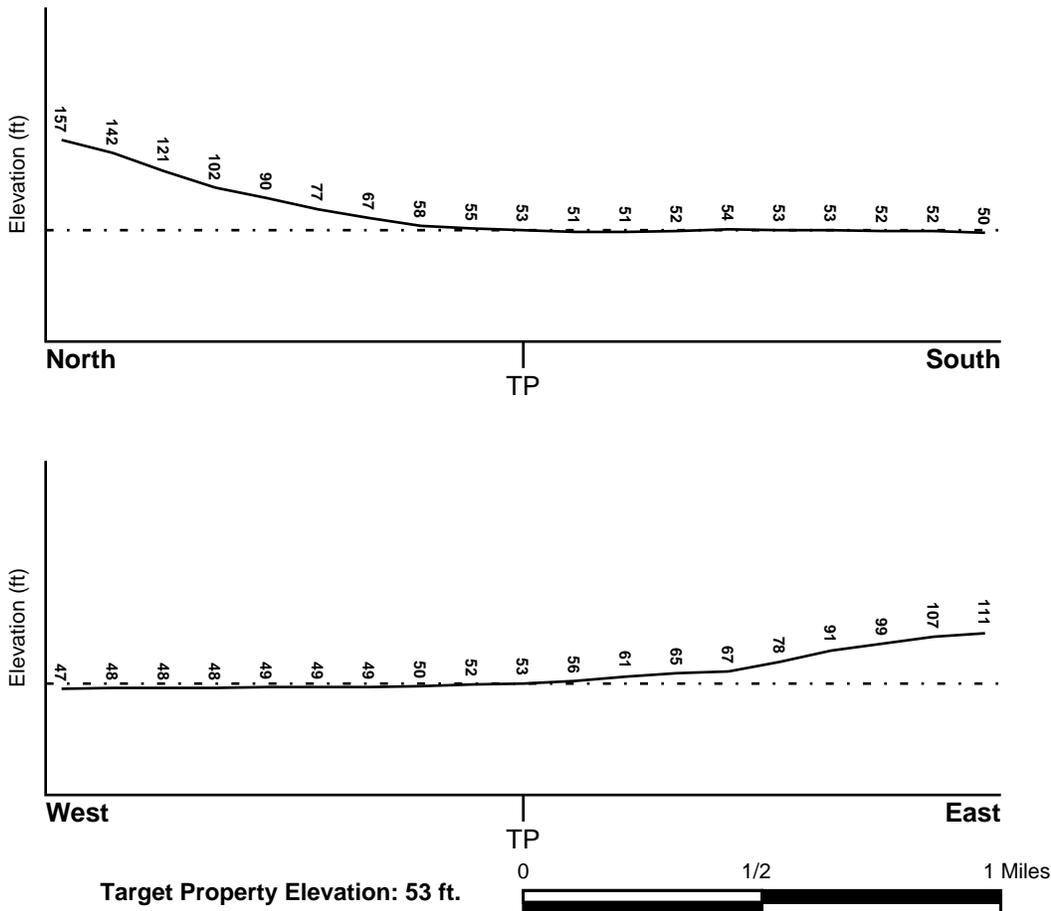
## TOPOGRAPHIC INFORMATION

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 SW

## 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>
06037C1795F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06037C1790F	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
INGLEWOOD	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 ENE
Site Name:	Van Patten Lyle
Site EPA ID Number:	CAD008391641
Groundwater Flow Direction:	NOT AVAILABLE.
Inferred Depth to Water:	50 feet.
Hydraulic Connection:	Aquifers underlying the site may be interconnected.
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: sandy loam  
 gravelly - sandy loam  
 silt loam  
 clay  
 fine sand  
 gravelly - sand  
 sand  
 fine sandy loam

Surficial Soil Types: sandy loam  
 gravelly - sandy loam  
 silt loam  
 clay  
 fine sand  
 gravelly - sand  
 sand  
 fine sandy loam

Shallow Soil Types: fine sandy loam  
 gravelly - loam  
 sandy clay  
 sandy clay loam  
 clay  
 silty clay  
 sand

Deeper Soil Types: gravelly - sandy loam  
 sandy loam  
 very gravelly - sandy loam  
 stratified  
 very fine sandy loam  
 weathered bedrock  
 sand  
 gravelly - fine sandy loam  
 silty clay loam  
 clay loam

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A5	USGS40000138926	1/2 - 1 Mile NE
A6	USGS40000138925	1/2 - 1 Mile NE
A7	USGS40000138923	1/2 - 1 Mile NE
A8	USGS40000138922	1/2 - 1 Mile NE
A9	USGS40000138924	1/2 - 1 Mile NE
10	USGS40000138929	1/2 - 1 Mile NE
11	USGS40000138974	1/2 - 1 Mile NNE

## 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>
A1	CADW60000019966	1/4 - 1/2 Mile NE
A2	CADW60000019967	1/4 - 1/2 Mile NE
A3	CADW60000016089	1/4 - 1/2 Mile NE
A4	CADW60000019964	1/4 - 1/2 Mile NE
B12	4180	1/2 - 1 Mile North
B13	4183	1/2 - 1 Mile North
C14	4181	1/2 - 1 Mile ESE
C15	4182	1/2 - 1 Mile ESE

## OTHER STATE DATABASE INFORMATION

### STATE OIL/GAS WELL INFORMATION

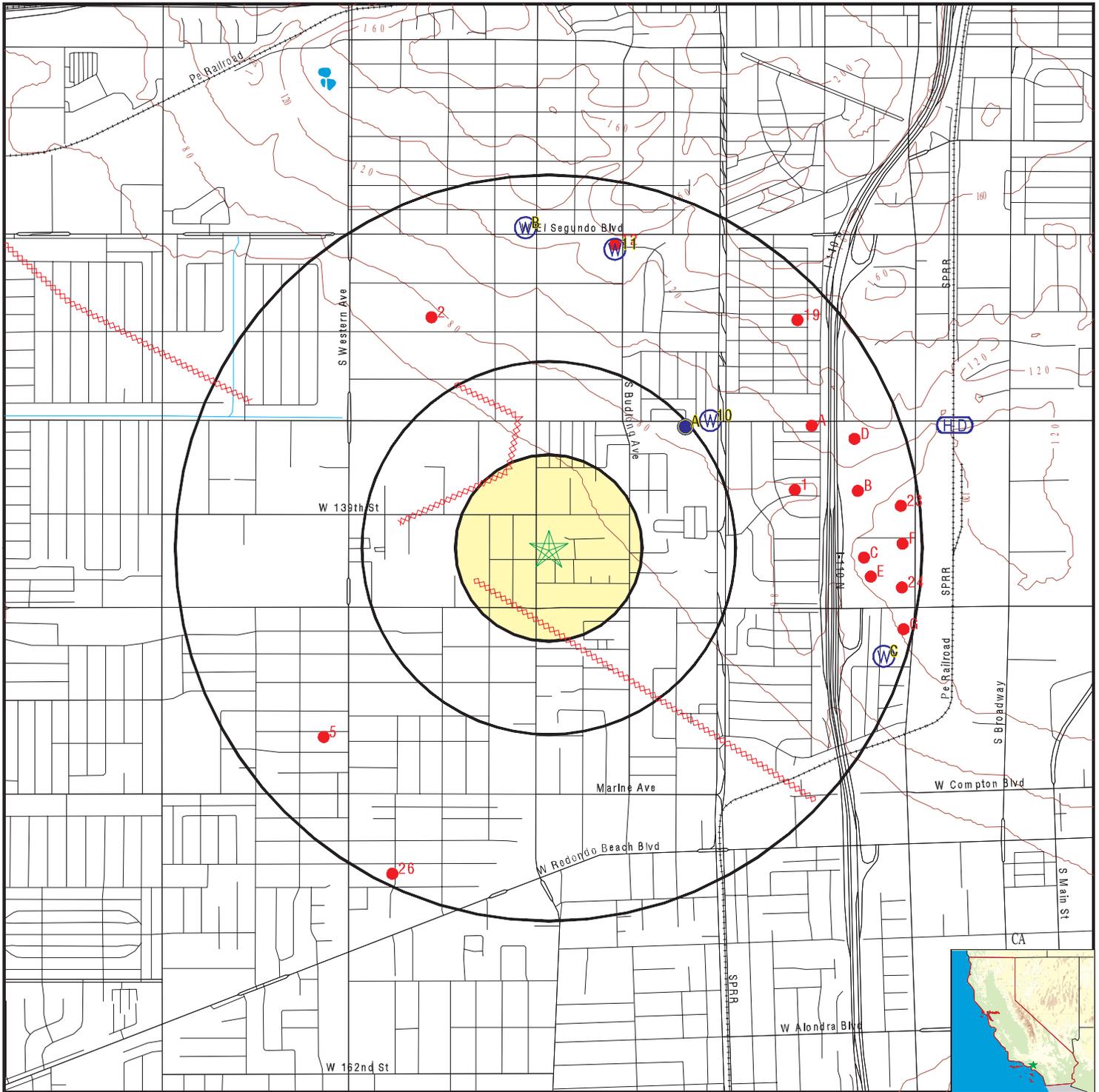
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	CAOG11000210124	1/2 - 1 Mile ENE

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE OIL/GAS WELL INFORMATION

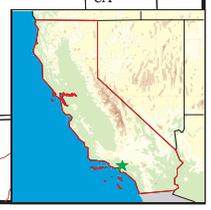
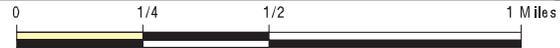
MAP ID	WELL ID	LOCATION FROM TP
2	CAOG11000214146	1/2 - 1 Mile NNW
A3	CAOG11000210205	1/2 - 1 Mile ENE
A4	CAOG11000210210	1/2 - 1 Mile ENE
5	CAOG11000204571	1/2 - 1 Mile SW
A6	CAOG11000210618	1/2 - 1 Mile ENE
B7	CAOG11000210142	1/2 - 1 Mile East
C8	CAOG11000209682	1/2 - 1 Mile East
C9	CAOG11000191888	1/2 - 1 Mile East
B10	CAOG11000192010	1/2 - 1 Mile ENE
D11	CAOG11000210141	1/2 - 1 Mile ENE
12	CAOG11000200836	1/2 - 1 Mile NNE
E13	CAOG11000192002	1/2 - 1 Mile East
B14	CAOG11000192011	1/2 - 1 Mile East
C15	CAOG11000191886	1/2 - 1 Mile East
D16	CAOG11000193168	1/2 - 1 Mile ENE
E17	CAOG11000191887	1/2 - 1 Mile East
D18	CAOG11000200838	1/2 - 1 Mile ENE
19	CAOG11000210095	1/2 - 1 Mile NE
F20	CAOG11000191884	1/2 - 1 Mile East
F21	CAOG11000191885	1/2 - 1 Mile East
F22	CAOG11000209680	1/2 - 1 Mile East
23	CAOG11000192012	1/2 - 1 Mile East
24	CAOG11000209681	1/2 - 1 Mile East
G25	CAOG11000192030	1/2 - 1 Mile ESE
26	CAOG11000204659	1/2 - 1 Mile SSW
G27	CAOG11000192031	1/2 - 1 Mile ESE
G28	CAOG11000203189	1/2 - 1 Mile East

# PHYSICAL SETTING SOURCE MAP - 5630209.2s



- 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



<p>SITE NAME: 1341 W 141st Street          ADDRESS: 1341 W 141st Street          Gardena CA 90247          LAT/LONG: 33.90423 / 118.299823</p>	<p>CLIENT: Stantec          CONTACT: Alicia Jansen          INQUIRY #: 5630209.2s          DATE: April 23, 2019 4:34 pm</p>
--	---

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**NE**  
 1/4 - 1/2 Mile  
 Higher

**CA WELLS      CADW60000019966**

Objectid:	19966	Latitude:	33.909
Longitude:	-118.294	Site code:	339090N1182940W002
State well numbe:	03S14W13J006S	Local well name:	"
Well use id:	6	Well use descrip:	Unknown
County id:	19	County name:	Los Angeles
Basin code:	'4-11.03'	Basin desc:	West Coast
Dwr region id:	80238	Dwr region:	Southern Region Office
Site id:	CADW60000019966		

**A2**  
**NE**  
 1/4 - 1/2 Mile  
 Higher

**CA WELLS      CADW60000019967**

Objectid:	19967	Latitude:	33.909
Longitude:	-118.294	Site code:	339090N1182940W003
State well numbe:	03S14W13J007S	Local well name:	"
Well use id:	6	Well use descrip:	Unknown
County id:	19	County name:	Los Angeles
Basin code:	'4-11.03'	Basin desc:	West Coast
Dwr region id:	80238	Dwr region:	Southern Region Office
Site id:	CADW60000019967		

**A3**  
**NE**  
 1/4 - 1/2 Mile  
 Higher

**CA WELLS      CADW60000016089**

Objectid:	16089	Latitude:	33.909
Longitude:	-118.294	Site code:	339090N1182940W004
State well numbe:	03S14W13J008S	Local well name:	"
Well use id:	6	Well use descrip:	Unknown
County id:	19	County name:	Los Angeles
Basin code:	'4-11.03'	Basin desc:	West Coast
Dwr region id:	80238	Dwr region:	Southern Region Office
Site id:	CADW60000016089		

**A4**  
**NE**  
 1/4 - 1/2 Mile  
 Higher

**CA WELLS      CADW60000019964**

Objectid:	19964	Latitude:	33.909
Longitude:	-118.294	Site code:	339090N1182940W001
State well numbe:	03S14W13J005S	Local well name:	"
Well use id:	6	Well use descrip:	Unknown
County id:	19	County name:	Los Angeles
Basin code:	'4-11.03'	Basin desc:	West Coast
Dwr region id:	80238	Dwr region:	Southern Region Office
Site id:	CADW60000019964		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**A5**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000138926**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S014W13J008S	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:	1998	Well Depth:	730
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

**A6**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000138925**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S014W13J008S	Type:	Well
Description:	Not Reported	HUC:	18070104
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:	19950830	Well Depth:	140
Well Depth Units:	ft	Well Hole Depth:	1020
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	37	Level reading date:	2002-09-25
Feet below surface:	97.56	Feet to sea level:	Not Reported
Note:	A nearby site that taps the same aquifer was being pumped.		

Level reading date:	2002-03-29	Feet below surface:	96.66
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		

Level reading date:	2001-09-26	Feet below surface:	96.66
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		

Level reading date:	2001-07-11	Feet below surface:	96.45
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-06-28	Feet below surface:	96.40
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-03-28	Feet below surface:	96.97
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-12-01	Feet below surface:	96.52
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2000-10-19	Feet below surface:	96.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-29	Feet below surface:	96.56
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-02	Feet below surface:	96.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-04	Feet below surface:	96.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-06	Feet below surface:	96.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-12	Feet below surface:	96.47
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	96.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-30	Feet below surface:	96.38
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-25	Feet below surface:	96.48
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-17	Feet below surface:	96.29
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-05	Feet below surface:	96.41
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-23	Feet below surface:	96.27
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1998-01-13	Feet below surface:	96.65
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-10-22	Feet below surface:	96.88
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-06-06	Feet below surface:	96.75
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-02	Feet below surface:	96.70
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-10	Feet below surface:	96.77
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-03-26	Feet below surface:	96.77
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-02-19	Feet below surface:	96.96
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1997-01-17	Feet below surface:	97.21
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1996-08-05	Feet below surface:	97.64
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1996-07-26	Feet below surface:	97.57
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-11	Feet below surface:	97.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-28	Feet below surface:	97.67
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-05	Feet below surface:	96.53
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-05-31	Feet below surface:	97.19
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1996-05-30	Feet below surface:	97.13
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1996-04-18	Feet below surface:	97.20
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-04-09	Feet below surface:	97.16
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1995-11-28	Feet below surface:	97.66
Feet to sea level:	Not Reported	Note:	Not Reported

**A7  
NE  
1/2 - 1 Mile  
Higher**

**FED USGS USGS40000138923**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S014W13J006S	Type:	Well
Description:	Not Reported	HUC:	18070104
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:	19950830	Well Depth:	465
Well Depth Units:	ft	Well Hole Depth:	1020
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	37	Level reading date:	2002-09-25
Feet below surface:	206.93	Feet to sea level:	Not Reported
Note:	A nearby site that taps the same aquifer was being pumped.		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	2002-03-29	Feet below surface:	201.53
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	2001-09-26	Feet below surface:	201.45
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	2001-07-11	Feet below surface:	200.81
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-28	Feet below surface:	200.98
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-28	Feet below surface:	173.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-01	Feet below surface:	172.34
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-19	Feet below surface:	175.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-29	Feet below surface:	175.93
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-02	Feet below surface:	176.01
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-04	Feet below surface:	177.85
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-06	Feet below surface:	178.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-12	Feet below surface:	180.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	177.15
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-30	Feet below surface:	173.35
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-25	Feet below surface:	154.21
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-17	Feet below surface:	154.60
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-05	Feet below surface:	155.13
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-23	Feet below surface:	156.38
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1998-01-13	Feet below surface:	157.85
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-10-22	Feet below surface:	158.39

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-06-06	Feet below surface:	136.27
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-02	Feet below surface:	150.91
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1997-04-10	Feet below surface:	152.64
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-03-29	Feet below surface:	152.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-26	Feet below surface:	152.33
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-02-19	Feet below surface:	153.37
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-01-17	Feet below surface:	150.50
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1996-07-26	Feet below surface:	138.25
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-11	Feet below surface:	156.17
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-28	Feet below surface:	156.69
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-05	Feet below surface:	151.88
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-05-31	Feet below surface:	148.45
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1996-05-30	Feet below surface:	143.71
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-04-18	Feet below surface:	153.72
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-04-09	Feet below surface:	139.86
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1995-11-28	Feet below surface:	128.44
Feet to sea level:	Not Reported	Note:	Not Reported

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A8**  
**NE**  
**1/2 - 1 Mile**  
**Higher**

**FED USGS      USGS40000138922**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S014W13J005S	Type:	Well
Description:	Not Reported	HUC:	18070104
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:	19950830	Well Depth:	990
Well Depth Units:	ft	Well Hole Depth:	1020
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	35	Level reading date:	2002-09-25
Feet below surface:	139.72	Feet to sea level:	Not Reported
Note:	A nearby site that taps the same aquifer was being pumped.		

Level reading date:	2002-03-29	Feet below surface:	138.18
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		

Level reading date:	2001-09-26	Feet below surface:	137.42
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		

Level reading date:	2001-07-11	Feet below surface:	135.71
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-06-28	Feet below surface:	135.25
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2001-03-28	Feet below surface:	131.92
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-12-01	Feet below surface:	132.58
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-10-19	Feet below surface:	132.71
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-09-29	Feet below surface:	132.85
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-08-02	Feet below surface:	133.13
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-04-04	Feet below surface:	133.03
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	2000-01-06	Feet below surface:	133.50
Feet to sea level:	Not Reported	Note:	Not Reported

Level reading date:	1999-10-12	Feet below surface:	132.44
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1999-10-04	Feet below surface:	132.42
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-30	Feet below surface:	132.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-25	Feet below surface:	131.07
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-17	Feet below surface:	131.39
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-05	Feet below surface:	131.55
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-23	Feet below surface:	130.19
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-01-13	Feet below surface:	130.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-10-22	Feet below surface:	130.10
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-06-06	Feet below surface:	129.14
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-05-02	Feet below surface:	129.04
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-04-10	Feet below surface:	128.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-03-26	Feet below surface:	128.79
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1997-01-17	Feet below surface:	128.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-26	Feet below surface:	127.45
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-07-11	Feet below surface:	126.92
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-28	Feet below surface:	126.52
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-05	Feet below surface:	126.03
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-05-31	Feet below surface:	125.87
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-05-30	Feet below surface:	125.80
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-04-18	Feet below surface:	124.28
Feet to sea level:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-04-09	Feet below surface:	124.32
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1995-11-28	Feet below surface:	123.82
Feet to sea level:	Not Reported	Note:	Not Reported

**A9  
NE  
1/2 - 1 Mile  
Higher**

**FED USGS USGS40000138924**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S014W13J007S	Type:	Well
Description:	Not Reported	HUC:	18070104
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:	19950830	Well Depth:	365
Well Depth Units:	ft	Well Hole Depth:	1020
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	36	Level reading date:	2002-09-25
Feet below surface:	162.87	Feet to sea level:	Not Reported
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	2002-03-29	Feet below surface:	165.58
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	2001-09-26	Feet below surface:	166.61
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	2001-07-11	Feet below surface:	166.64
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-06-28	Feet below surface:	167.16
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2001-03-28	Feet below surface:	150.68
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-12-01	Feet below surface:	144.12
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-10-19	Feet below surface:	146.37
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-09-29	Feet below surface:	144.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-08-02	Feet below surface:	151.32
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-04-04	Feet below surface:	153.50

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	2000-01-06	Feet below surface:	152.97
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-12	Feet below surface:	148.50
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-10-04	Feet below surface:	148.00
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1999-08-30	Feet below surface:	137.28
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-11-25	Feet below surface:	140.76
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-17	Feet below surface:	142.02
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-10-05	Feet below surface:	142.94
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1998-04-23	Feet below surface:	148.67
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1998-01-13	Feet below surface:	151.61
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-10-22	Feet below surface:	155.08
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-06-06	Feet below surface:	129.81
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1997-05-02	Feet below surface:	149.68
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1997-04-10	Feet below surface:	150.23
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-03-26	Feet below surface:	149.56
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-02-19	Feet below surface:	151.43
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1997-01-17	Feet below surface:	146.55
Feet to sea level:	Not Reported		
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1996-07-26	Feet below surface:	132.38
Feet to sea level:	Not Reported	Note:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Level reading date:	1996-07-11	Feet below surface:	153.27
Feet to sea level:	Not Reported	Note:	
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-06-28	Feet below surface:	155.87
Feet to sea level:	Not Reported	Note:	Not Reported
Level reading date:	1996-06-05	Feet below surface:	142.83
Feet to sea level:	Not Reported	Note:	
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-05-31	Feet below surface:	144.65
Feet to sea level:	Not Reported	Note:	
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1996-05-30	Feet below surface:	141.58
Feet to sea level:	Not Reported	Note:	
Note:	A nearby site that taps the same aquifer had been pumped recently.		
Level reading date:	1996-04-18	Feet below surface:	148.64
Feet to sea level:	Not Reported	Note:	
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1996-04-09	Feet below surface:	145.90
Feet to sea level:	Not Reported	Note:	
Note:	A nearby site that taps the same aquifer was being pumped.		
Level reading date:	1995-11-28	Feet below surface:	123.58
Feet to sea level:	Not Reported	Note:	Not Reported

**10  
NE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000138929**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S014W13J004S	Type:	Well
Description:	Not Reported	HUC:	18070104
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:	500
Well Depth Units:	ft	Well Hole Depth:	618
Well Hole Depth Units:	ft		

**11  
NNE  
1/2 - 1 Mile  
Higher**

**FED USGS      USGS40000138974**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	003S014W13B002S	Type:	Well
Description:	Not Reported	HUC:	18070104
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		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	565
Well Depth Units:	ft	Well Hole Depth:	565
Well Hole Depth Units:	ft		

**B12**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    4180**

Seq:	4180	Prim sta c:	03S/14W-13B02 S
Frds no:	1910155003	County:	19
District:	15	User id:	MET
System no:	1910155	Water type:	G
Source nam:	BALLONA WELL 03	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335500.0	Longitude:	1181800.0
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:	1910155	System nam:	SCWC - SOUTHWEST
Hqname:	SOUTHERN CALIF WATER CO	Address:	17140 S. AVELON BLVD.,STE 100
City:	CARSON	State:	CA
Zip:	90746	Zip ext:	Not Reported
Pop serv:	141449	Connection:	49234
Area serve:	SOUTHWEST		

**B13**  
**North**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS    4183**

Seq:	4183	Prim sta c:	03S/14W-14A01 S
Frds no:	1910155012	County:	19
District:	15	User id:	MET
System no:	1910155	Water type:	G
Source nam:	EL SEGUNDO-WEST WELL 01	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335500.0	Longitude:	1181800.0
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:	1910155	System nam:	SCWC - SOUTHWEST
Hqname:	SOUTHERN CALIF WATER CO	Address:	17140 S. AVELON BLVD.,STE 100
City:	CARSON	State:	CA
Zip:	90746	Zip ext:	Not Reported
Pop serv:	141449	Connection:	49234
Area serve:	SOUTHWEST		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**C14**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      4181**

Seq:	4181	Prim sta c:	03S/14W-13J03 S
Frds no:	1910155013	County:	19
District:	15	User id:	MET
System no:	1910155	Water type:	G
Source nam:	SOUTH WELL 03	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335400.0	Longitude:	1181700.0
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:	1910155	System nam:	SCWC - SOUTHWEST
Hqname:	SOUTHERN CALIF WATER CO	Address:	17140 S. AVELON BLVD.,STE 100
City:	CARSON	State:	CA
Zip:	90746	Zip ext:	Not Reported
Pop serv:	141449	Connection:	49234
Area serve:	SOUTHWEST		

**C15**  
**ESE**  
**1/2 - 1 Mile**  
**Higher**

**CA WELLS      4182**

Seq:	4182	Prim sta c:	03S/14W-13J04 S
Frds no:	1910155014	County:	19
District:	15	User id:	MET
System no:	1910155	Water type:	G
Source nam:	SOUTH WELL 04	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	335400.0	Longitude:	1181700.0
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:	1910155	System nam:	SCWC - SOUTHWEST
Hqname:	SOUTHERN CALIF WATER CO	Address:	17140 S. AVELON BLVD.,STE 100
City:	CARSON	State:	CA
Zip:	90746	Zip ext:	Not Reported
Pop serv:	141449	Connection:	49234
Area serve:	SOUTHWEST		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**1**

**ENE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000210124**

Districtnu:	1	Apinumber:	03714382
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Republic Petroleum Company	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Any Area
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Amestoy	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandoneddd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	PDH
Site id:	CAOG11000210124		

**2**

**NNW**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000214146**

Districtnu:	1	Apinumber:	03720614
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Shell Western Exploration & Production Inc.	Fieldname:	Any Field
Countyname:	Los Angeles	Section:	13
Areaname:	Any Area	Range:	14W
Township:	03S	Elevation:	Not Reported
Basemeridi:	SB	Gissourcec:	hud
Locationde:	Not Reported	Leasename:	Agate
Comments:	Not Reported	Epawell:	N
Wellnumber:	1-13	Confidenti:	N
Hydraulica:	N	Welldeptha:	0
Spuddate:	Not Reported	Abandoneddd:	Not Reported
Redrillfoo:	0	Directiona:	Directionally drilled
Completion:	Not Reported	Site id:	CAOG11000214146
Gissymbol:	PDH		

**A3**

**ENE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000210205**

Districtnu:	1	Apinumber:	03714491
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Petro-Lewis Corporation	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Any Area
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Amestoy	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:	POG
Site id:	CAOG11000210205		

**A4  
ENE  
1/2 - 1 Mile**

**OIL\_GAS CAOG11000210210**

Districtnu:	1	Apinumber:	03714500
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Petro-Lewis Corporation	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Any Area
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Howard Park	Wellnumber:	5
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:	CAOG11000210210		

**5  
SW  
1/2 - 1 Mile**

**OIL\_GAS CAOG11000204571**

Districtnu:	1	Apinumber:	03705283
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	B
Operatorna:	Circle Oil & Gas Co.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	23	Township:	03S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Not Reported	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:	CAOG11000204571		

**A6  
ENE  
1/2 - 1 Mile**

**OIL\_GAS CAOG11000210618**

Districtnu:	1	Apinumber:	03715027
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Operatorna:	Petro-Lewis Corporation	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Any Area
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Trust	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spupdate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000210618		

**B7**  
**East**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000210142**

Districtnu:	1	Apinumber:	03714409
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Cooper & Brain Inc.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Any Area
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Bank Of America	Wellnumber:	5
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spupdate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000210142		

**C8**  
**East**  
**1/2 - 1 Mile**

**OIL\_GAS      CAOG11000209682**

Districtnu:	1	Apinumber:	03713618
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Any Area
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Universal-Trust	Wellnumber:	17
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spupdate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000209682		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**C9**  
**East**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000191888**

Districtnu:	1	Apinumber:	03713628
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Forster Oil Co.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Main
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	92.89	Locationde:	Not Reported
Gissourcec:	gps	Comments:	61807068.ssf
Leasename:	Leitch	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:	CAOG11000191888		

**B10**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000192010**

Districtnu:	1	Apinumber:	03714406
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Cooper & Brain Inc.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Main
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	89.404	Locationde:	Not Reported
Gissourcec:	gps	Comments:	61807088.ssf
Leasename:	Bank Of America	Wellnumber:	2
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:	CAOG11000192010		

**D11**  
**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000210141**

Districtnu:	1	Apinumber:	03714407
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Shell Western Exploration & Production Inc.	Fieldname:	Rosecrans
Countyname:	Los Angeles	Section:	18
Areaname:	Any Area	Range:	13W
Township:	03S	Elevation:	Not Reported
Basemeridi:	SB	Gissourcec:	hud
Locationde:	Not Reported	Leasename:	Bank
Comments:	Not Reported		

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Wellnumber:	3	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:	CAOG11000210141

**12**

**NNE**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000200836**

Districtnu:	1	Apinumber:	03700473
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Jack Herley and Paul L. Kelley	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	13	Township:	03S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	T.I.T.	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:	CAOG11000200836		

**E13**

**East**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000192002**

Districtnu:	1	Apinumber:	03714371
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Forster Oil Co.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Main
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	97.086	Locationde:	Not Reported
Gissourcec:	gps	Comments:	61807079.ssf
Leasename:	Sutherland	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:	CAOG11000192002		

**B14**

**East**

**1/2 - 1 Mile**

**OIL\_GAS**

**CAOG11000192011**

Districtnu:	1	Apinumber:	03714408
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Operatorna:	Cooper & Brain Inc.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Main
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	88.586	Locationde:	Not Reported
Gissourcec:	gps	Comments:	61807088.ssf
Leasename:	Bank Of America	Wellnumber:	4
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:	CAOG11000192011		

**C15  
East  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000191886**

Districtnu:	1	Apinumber:	03713615
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Sherwin D. Yoelin	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Main
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	104.039	Locationde:	Not Reported
Gissourcec:	gps	Comments:	61807068.ssf
Leasename:	Universal-Trust	Wellnumber:	10
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:	CAOG11000191886		

**D16  
ENE  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000193168**

Districtnu:	1	Apinumber:	03720755
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Cooper & Brain Inc.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Main
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	108.853	Locationde:	Not Reported
Gissourcec:	gps	Comments:	61807088.ssf
Leasename:	Bank Of America	Wellnumber:	6
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:	CAOG11000193168		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**E17**

**East**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000191887**

Districtnu:	1	Apinumber:	03713617
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Sherwin D. Yoelin	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Main
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	107.099	Locationde:	Not Reported
Gissourcec:	gps	Comments:	61807068.ssf
Leasename:	Universal-Trust	Wellnumber:	15
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000191887		

**D18**

**ENE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000200838**

Districtnu:	1	Apinumber:	03700475
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Any Area
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Universal-Trust	Wellnumber:	18
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000200838		

**19**

**NE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000210095**

Districtnu:	1	Apinumber:	03714351
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	J. H. Marion	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Any Area
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Howard Park	Wellnumber:	4

## 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:	CAOG11000210095		

**F20  
East  
1/2 - 1 Mile**

**OIL\_GAS CAOG11000191884**

Districtnu:	1	Apinumber:	03713612
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Sherwin D. Yoelin	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Main
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	110.258	Locationde:	Not Reported
Gissourcec:	gps	Comments:	61807068.ssf
Leasename:	Universal-Trust	Wellnumber:	5
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:	CAOG11000191884		

**F21  
East  
1/2 - 1 Mile**

**OIL\_GAS CAOG11000191885**

Districtnu:	1	Apinumber:	03713614
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Sherwin D. Yoelin	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Main
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	103.441	Locationde:	Not Reported
Gissourcec:	gps	Comments:	61807068.ssf
Leasename:	Universal-Trust	Wellnumber:	8
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:	CAOG11000191885		

**F22  
East  
1/2 - 1 Mile**

**OIL\_GAS CAOG11000209680**

Districtnu:	1	Apinumber:	03713613
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Any Area
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Universal-Trust	Wellnumber:	6
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spupdate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000209680		

**23  
East  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000192012**

Districtnu:	1	Apinumber:	03714410
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Cooper & Brain Inc.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Main
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	101.751	Locationde:	Not Reported
Gissourcec:	gps	Comments:	61807079.ssf
Leasename:	Republic Trust	Wellnumber:	1
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spupdate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	AOG
Site id:	CAOG11000192012		

**24  
East  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000209681**

Districtnu:	1	Apinumber:	03713616
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Chevron U.S.A. Inc.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Any Area
Section:	18	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Universal-Trust	Wellnumber:	14
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spupdate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000209681		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance

Database EDR ID Number

**G25**  
**ESE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000192030**

Districtnu:	1	Apinumber:	03714451
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	A
Operatorna:	Breitburn Operating L.P.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Main
Section:	19	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	105.736	Locationde:	Not Reported
Gissourcec:	gps	Comments:	61801079.cor
Leasename:	Rosecrans	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:	CAOG11000192030		

**26**  
**SSW**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000204659**

Districtnu:	1	Apinumber:	03705414
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	Y	Wellstatus:	P
Operatorna:	Gardena Royalties Co.	Countyname:	Los Angeles
Fieldname:	Any Field	Areaname:	Any Area
Section:	24	Township:	03S
Range:	14W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Community	Wellnumber:	4-1
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:	CAOG11000204659		

**G27**  
**ESE**  
**1/2 - 1 Mile**

**OIL\_GAS CAOG11000192031**

Districtnu:	1	Apinumber:	03714452
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	I
Operatorna:	Breitburn Operating L.P.	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Main
Section:	19	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	98.167	Locationde:	Not Reported
Gissourcec:	gps	Comments:	61807068.ssf
Leasename:	Rosecrans	Wellnumber:	2

## 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:	AOG
Site id:	CAOG11000192031		

**G28  
East  
1/2 - 1 Mile**

**OIL\_GAS      CAOG11000203189**

Districtnu:	1	Apinumber:	03704002
Blmwell:	N	Redrillcan:	Not Reported
Dryhole:	N	Wellstatus:	P
Operatorna:	Petro-Lewis Corporation	Countyname:	Los Angeles
Fieldname:	Rosecrans	Areaname:	Any Area
Section:	19	Township:	03S
Range:	13W	Basemeridi:	SB
Elevation:	Not Reported	Locationde:	Not Reported
Gissourcec:	hud	Comments:	Not Reported
Leasename:	Rosecrans	Wellnumber:	27
Epawell:	N	Hydraulica:	N
Confidenti:	N	Spuddate:	Not Reported
Welldeptha:	0	Redrillfoo:	0
Abandonedd:	Not Reported	Completion:	Not Reported
Directiona:	Unknown	Gissymbol:	POG
Site id:	CAOG11000203189		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

State Database: CA Radon

### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90247	21	0

Federal EPA Radon Zone for LOS ANGELES County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

---

### Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish and Wildlife

Telephone: 916-445-0411

## HYDROGEOLOGIC INFORMATION

### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

#### California Drinking Water Quality Database

Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

#### California Oil and Gas Well Locations

Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

#### California Earthquake Fault Lines

Source: California Division of Mines and Geology

The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### RADON

#### State Database: CA Radon

Source: Department of Public Health

Telephone: 916-210-8558

Radon Database for California

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

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**1335, 1337, 1341, AND 1343 WEST 141ST STREET, GARDENA, CALIFORNIA**

Appendix E aGENCY Records  
May 21, 2019

## **Appendix E AGENCY RECORDS**



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=SUMPS, 5=PITS, PONDS, LAGOONS & OTHERS)

I OWNER  
NAKAYAMA NURSERY INC DBA LLOYD  
1341 W 141ST STREET

GARDENA

CA 90247

II FACILITY

LLOYD'S NURSERY  
1341 W. 141ST STREET  
GARDENA

CA 90247

MAILING ADDRESS  
TOWNSHIP/RANGE/SECTION  
1341 W 141ST ST  
GARDENA

CA 90247

DEALER/FOREMAN/SUPERVISOR  
TELEPHONE

(213) 323-8208

TYPE OF BUSINESS  
NO. OF CONTAINERS

NURSERY

1

CROSS STREET :  
NORMANDIE

III 24-HR. CONTACT PERSON / TELEPHONE  
DAY: HARUKO NAKAYAMA MRS.

(213) 323-8208

NIGHT:

( ) -

\*\*\*\*\* OWNER ASSIGNED CONTAINER NUMBER: 1

\*\*\*\*\* STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000003159001 \*\*\*\*\*

IV DESCRIPTION

A. CONTAINER TYPE : TANK  
B. MANUFACTURER/YR OF MFG: /  
C. YEAR INSTALLED : 1964  
D. CAPACITY (GALLONS) : 500

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 : YES

V CONTAINER CONSTRUCTION

A. THICKNESS: B. VALTING: UNKNOWN C. WALLING: UNKNOWN  
D. MATERIAL : STEEL CLAD  
E. LINING : UNLINED  
F. WRAPPING : UNKNOWN

VI PIPING

A. ABOVEGROUND PIPING :  
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:  
B. UNDERGROUND PIPING : NONE

VII LEAK DETECTION

NONE

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER

12031 UNLEADED MOTOR VEHICLE FUEL



# COUNTY OF LOS ANGELES

## DEPARTMENT OF PUBLIC WORKS

*"To Enrich Lives Through Effective and Caring Service"*

900 SOUTH FREMONT AVENUE  
ALHAMBRA, CALIFORNIA 91803-1331  
Telephone: (626) 458-5100  
<http://dpw.lacounty.gov>

GAIL FARBER, Director

ADDRESS ALL CORRESPONDENCE TO:  
P.O. BOX 1460  
ALHAMBRA, CALIFORNIA 91802-1460

SCANNED  
TO DMS  
NOV 10 2015  
By RVE ✓

IN REPLY PLEASE  
REFER TO FILE: EP-1  
011173-011182

November 10, 2015

LLOYD T. NAKAYAMA CO TR  
1341 West 141st Street  
Gardena, CA 90247-2223

**HAZARDOUS MATERIALS UNDERGROUND STORAGE  
CLOSURE/SITE INVESTIGATION REPORT  
CLOSURE APPLICATION NOS. 3294B AND 8419B  
FACILITY LOCATED AT 1341 WEST 141ST STREET, GARDENA**

This office reviewed the final site investigation report dated September 22, 1991, for the subject facility.

Pursuant to the California Health and Safety Code, Chapter 6.7, Section 25297(b), we are referring this matter to the California Regional Water Quality Control Board (CRWQCB). For further information regarding the CRWQCB's requirements, please contact Mr. Yue Rong at 320 West 4th Street, Suite 200, Los Angeles, CA 90013-2343, (213) 576-6710. Any future requirements are subject to the direction and approval of the CRWQCB.

Please submit all future correspondences to the CRWQCB with a copy sent to this office.

TC-8642-01

SEPTEMBER 22, 1991

11173-11182

00105424W

RECEIVED

OCT 10 1991

DEPARTMENT OF PUBLIC WORKS  
WASTE MANAGEMENT DIVISION

SCANNED  
TO DMS  
OCT 28 2015  
BY *DVE*  
AQC

# TANK CLOSURE REPORT

## LLOYD'S NURSERY GARDENA, CALIFORNIA

PREPARED FOR

MR. LLOYD NAKAYAMA  
1341 W. 141st STREET  
GARDENA, CALIFORNIA 90247

PREPARED BY

TETRA TECH, INC.  
PASADENA, CALIFORNIA

# TETRA TECH

LLOYD'S NURSERY  
TANK CLOSURE REPORT

RECEIVED

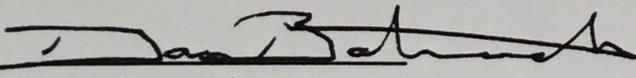
OCT 10 1991  
DEPARTMENT OF PUBLIC WORKS  
WASTE MANAGEMENT DIVISION

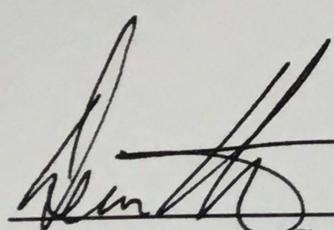
for

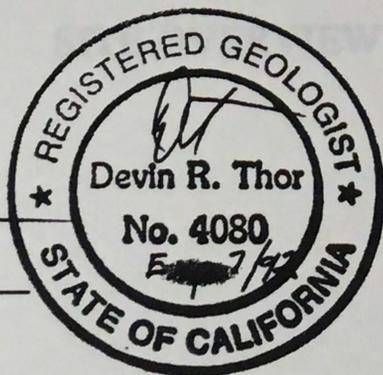
MR. LLOYD NAKAYAMA  
1341 W. 141st STREET  
GARDENA, CALIFORNIA

September 22, 1991

Prepared by: Tetra Tech, Inc.  
670 N. Rosemead Blvd.  
Pasadena, CA 91107

  
Dan Batrack  
Project Manager

  
Devin Thor, R.G.  
Project Geologist



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2.0 SITE LOCATION AND DESCRIPTION ..... 1

3.0 TANK REMOVAL OPERATIONS ..... 1

4.0 PRELIMINARY SITE INVESTIGATION ..... 4

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## LIST OF APPENDICES

- 1.0 INTRODUCTION
- APPENDIX A L&M LOADER CLOSURE REPORT
- APPENDIX B BORING PERMIT
- APPENDIX C BORING LOG
- APPENDIX D LABORATORY REPORTS

### 2.0 SITE LOCATION AND DESCRIPTION

The Lloyd's Nursery facility is located at 1341 W. 141st Street in a residential and commercial area in the City of Gardena. The Harbor Freeway is located approximately 1/4 mile east of the site. Figure 1 presents the site location with respect to major roads and intersections.

The property consists primarily of greenhouses, sheds, and an office. The majority of the site is paved with asphalt, with the exception of an unpaved area at the former location of the underground tank. Figure 2 presents an overview of Lloyd's Nursery facility.

### 3.0 TANK REMOVAL OPERATIONS

The Lloyd's Nursery facility previously stored gasoline in a 500 gallon steel underground storage tank (UST) for use in refueling vehicles. The age of the tank is currently unknown. Lloyd's Nursery has since discontinued the storage and dispensing of motor vehicle fuels at the site. An application for closure permit (#3294B) was approved and filed with the Los Angeles Department of Public Works, Waste Management Division (LAPW-WMD) on September 24, 1987. Copies of the initial permits are presented in Appendix A.

## 1.0 INTRODUCTION

The following tank closure report has been prepared on behalf of Mr. Lloyd Nakayama for the removal of a 500 gallon gasoline tank located at Lloyd's Nursery in the City of Gardena. The tank was removed in 1987 by L&M Loader Service. At the request of the Los Angeles County Department of Public Works, one soil boring to 40 feet below ground surface was completed at the former location of the tank. Soil samples were collected at 5, 10, 20, 30 and 40 feet below grade and composited for laboratory analysis. The single composite sample was analyzed for petroleum compounds to determine if soil contamination had resulted from the tank. This report includes a description of the site, a discussion of all field activities, a presentation of the results of the investigation, and an evaluation of the boring program.

## 2.0 SITE LOCATION AND DESCRIPTION

The Lloyd's Nursery facility is located at 1341 W. 141st Street in a residential and commercial area in the City of Gardena. The Harbor Freeway is located approximately 1/4 mile east of the site. Figure 1 presents the site location with respect to major roads and intersections.

The property consists primarily of greenhouses, sheds, and an office. The majority of the site is paved with asphalt, with the exception of an unpaved area at the former location of the underground tank. Figure 2 presents an overview of Lloyd's Nursery facility.

## 3.0 TANK REMOVAL OPERATIONS

The Lloyd's Nursery facility previously stored gasoline in a 500 gallon steel underground storage tank (UST) for use in refueling vehicles. The age of the tank is currently unknown. Lloyd's Nursery has since discontinued the storage and dispensing of motor vehicle fuels at the site. An application for closure permit (#3294B) was approved and filed with the Los Angeles Department of Public Works, Waste Management Division (LDPW-WMD) on September 28, 1987. Copies of the initial permits are presented in Appendix A.

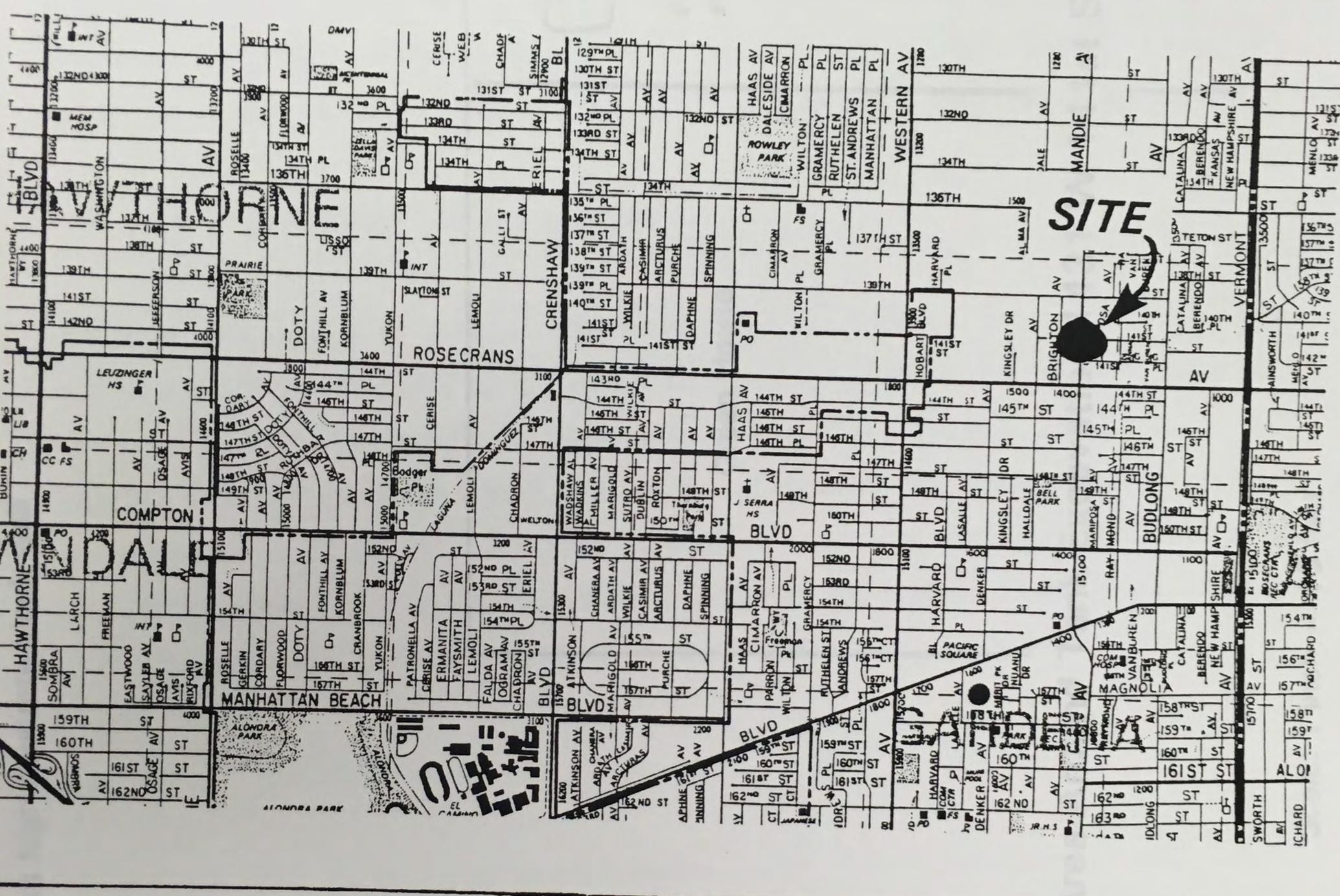
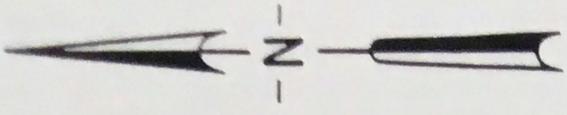


FIGURE 1 - GENERAL LOCATION MAP

Lloyd's Nursery  
 1341 W. 141st St.  
 Gardena, CA



6 foot high concrete block wall

Boring TT-1



Former 500 gallon gasoline tank

Covered Area

Green House

Planted Area

Plot Plan Area Around Tank Excavation 1431 W 141st Street

Normandie Avenue

Scale: 1 inch = 10 feet

Figure 2 - SITE OVERVIEW

Lloyd's Nursery  
1341 W. 141st St.  
Gardena, CA

L&M Loader was contracted by Mr. Lloyd Nakayama to remove the gasoline UST. On September 30, 1987, the 500 gallon tank was exposed, cleaned, and removed from the ground. The tank was transported to American Metal Recycling for destruction.

Following removal of the tank, a soil sample was reportedly collected and submitted to a laboratory for analysis. A tank closure report was then submitted by L&M Loader to LADPW-WMD for review. A copy of the L&M Loader Closure Report is presented in Appendix A.

#### **4.0 Preliminary Site Investigation**

Based on the absence of essential documentation in the Closure Report, LADPW-WMD determined that the report was incomplete and additional investigation was required. As shown in Permit No. 8419B (Appendix B), one soil boring to 40 feet at the former tank location was required to satisfy permanent closure requirements. The permit also required that soil samples be collected at 5, 10, 20, 30, and 40 feet, composited into one sample, and analyzed for total petroleum compounds. The findings of the investigation are expected to act as a baseline to determine if subsurface contamination was present and if further investigation is warranted.

##### **4.1 Boring Program**

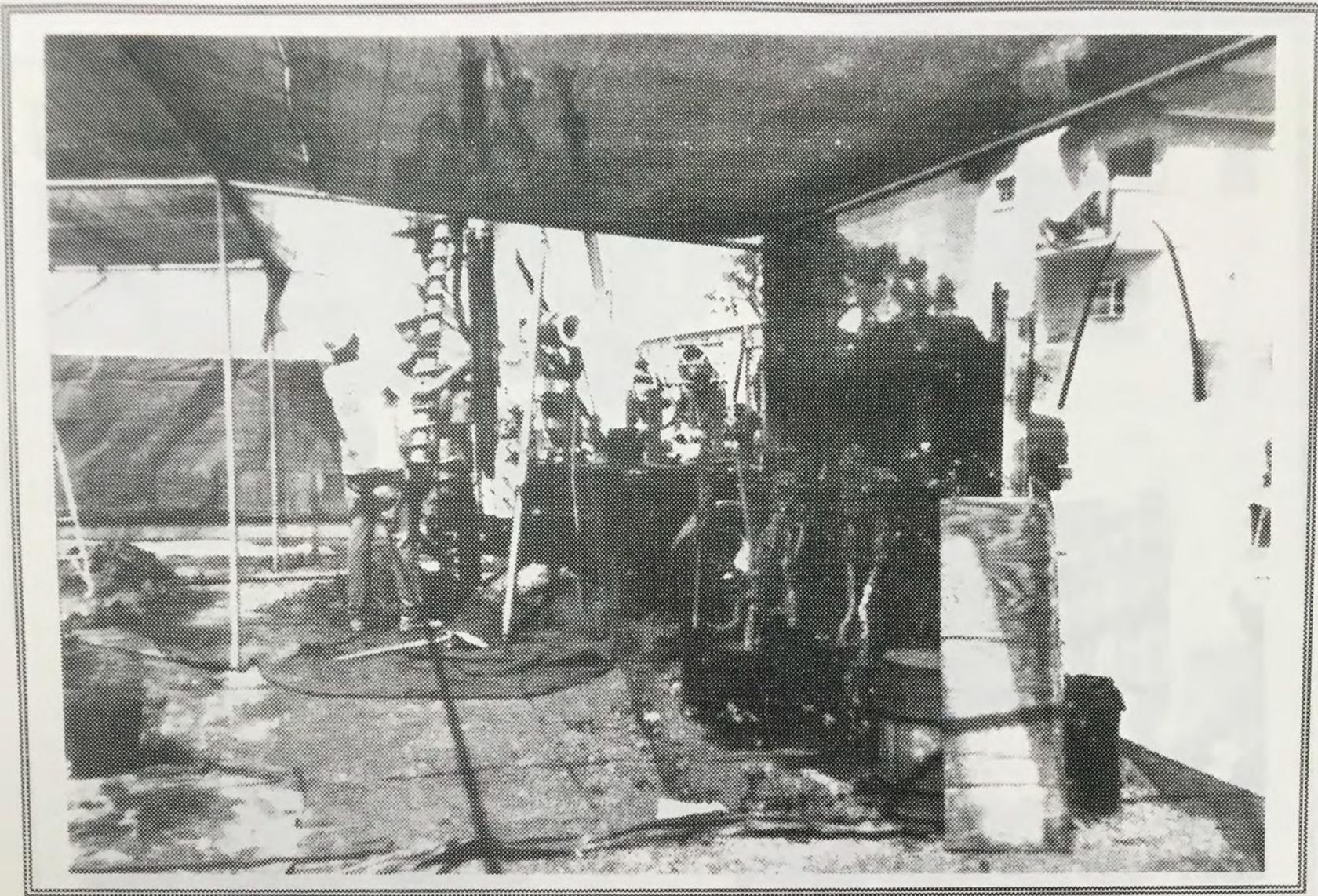
Tetra Tech, Inc. (Tetra Tech) was contracted by Mr. Lloyd Nakayama to perform the preliminary site investigation. All work was completed in accordance with criteria established by LCDPW-WMD and the California Regional Water Quality Control Board: Los Angeles Region.

On August 30, 1991, Tetra Tech completed one soil boring, designated as Tt-1, to a total depth of 40 feet bgs at the former location of the tank (See Figure 2). The drilling was conducted using a standard 4-inch diameter hollow-stem auger on a truck-mounted drilling rig. Hollow-stem augers were used in order to allow the collection of undisturbed soil samples through the center of the augers. Photos 1 through 4 on the following pages have been assembled to portray various stages of the drilling operation.

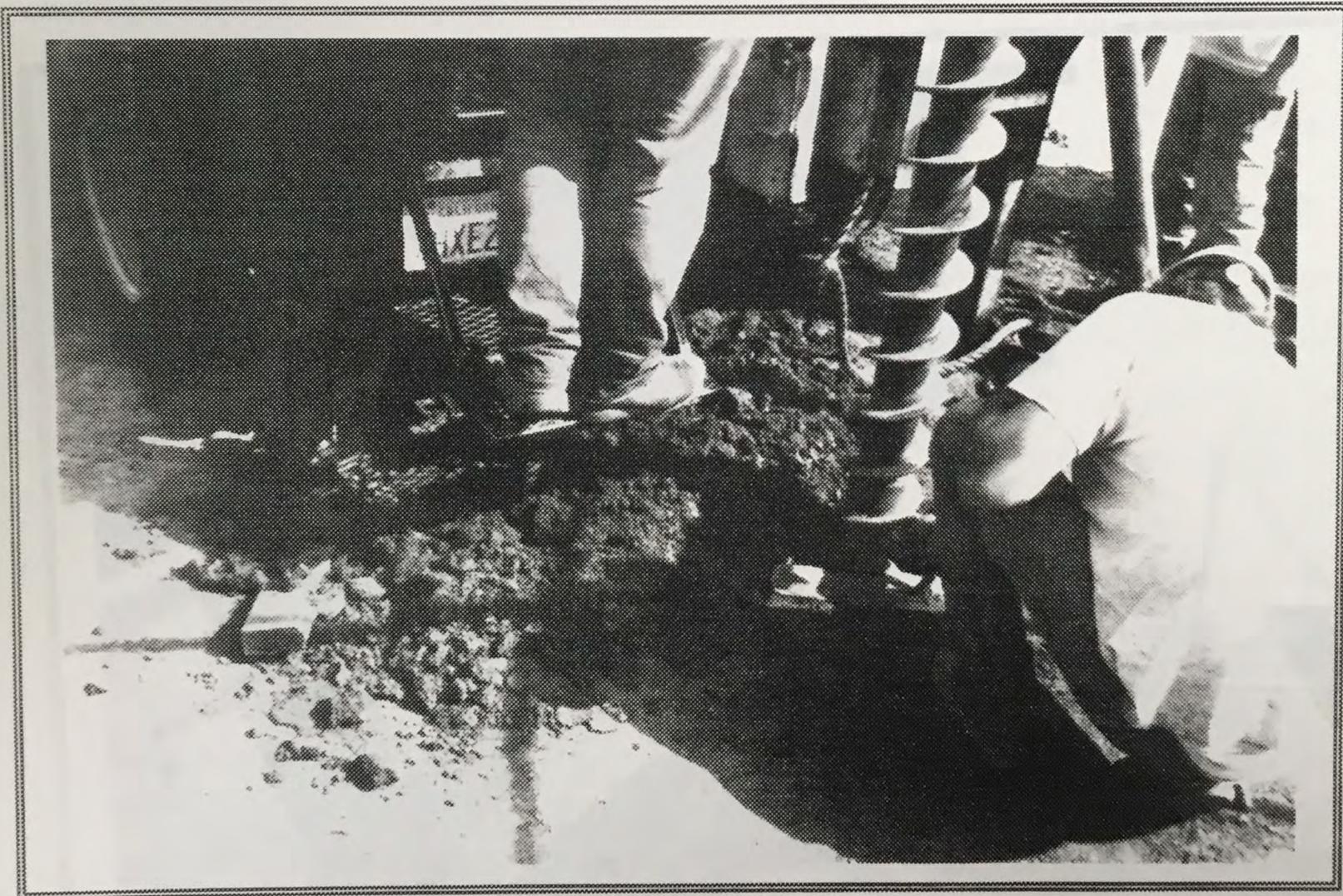
In order to evaluate the presence of contaminants (i.e. petroleum hydrocarbons and aromatic hydrocarbons), Tetra Tech collected soil samples at 5, 10, 20, 30, and 40 feet bgs in the soil boring. The soil sampling was conducted by a Tetra Tech project engineer and a staff geologist.

Each of the soil samples were collected using a modified California split spoon fitted with brass liners. The sampler was driven into the soil in front of the drill bit to collect undisturbed samples. Preparation of the samples for laboratory analysis involved first covering both ends of the filled brass sleeve with aluminum foil, and then sealing with teflon end caps. The samples were then appropriately labelled and placed on blue ice. Sample identification numbers were recorded on a chain-of-custody form,

Several actions were taken to minimize the potential for cross contamination between sampling intervals. The hollow-stem augers were steam cleaned prior to being delivered to the site. Tetra Tech set up a staging area for storing the clean brass sleeves to be used for collecting the soil samples, and established a decontamination area to clean the split spoon sampler between each sampling drive (See Photograph #3). Between each sampling drive, the split spoon sampler was washed with TSP solution, rinsed in clean tap water and final rised with distilled water.



Photograph #1  
Overview of Drill Rig



Photograph #2  
Drilling of Boring TT-1



The field geologist reported on the  
in the morning.

Photograph #3  
Decontamination Staging Area



Photograph #4  
Sample From 40 Foot Depth

### 4.3 Soil Conditions

Tetra Tech's geologist logged the boring by inspecting the drill cuttings and examining the samples collected. A boring log was completed which included soil type description using the United Soil Classification System. A copy of the Soil Boring Log is presented in Appendix C.

The subsurface soils encountered in the boring consist primarily of pale brown, moderately to well sorted fine grained sands. Groundwater was encountered in the boring at approximately 35 feet in a horizon of silty very fine-grained sand. Approximately 30 minutes following initial groundwater contact, the static water level in the boring had risen to approximately 16 feet, indicating that the aquifer is confined.

The field geologist reported no obvious petroleum odor or other indication of soil contamination in the boring.

### 5.0 Laboratory Analysis

As described in Section 4.2, a total of 5 samples were collected from soil boring TT-1. In accordance with the LADPW-WMD permit, the 5 samples were composited and analyzed for Total Petroleum Hydrocarbons (TPH) by EPA Method 8015 Modified (*for gasoline, diesel, and motor oil fractions*) and Aromatic Volatile Organics (AVO) by EPA Method 8020. Copies of all Laboratory Reports and the Chain-of-Custody form are presented in Appendix D.

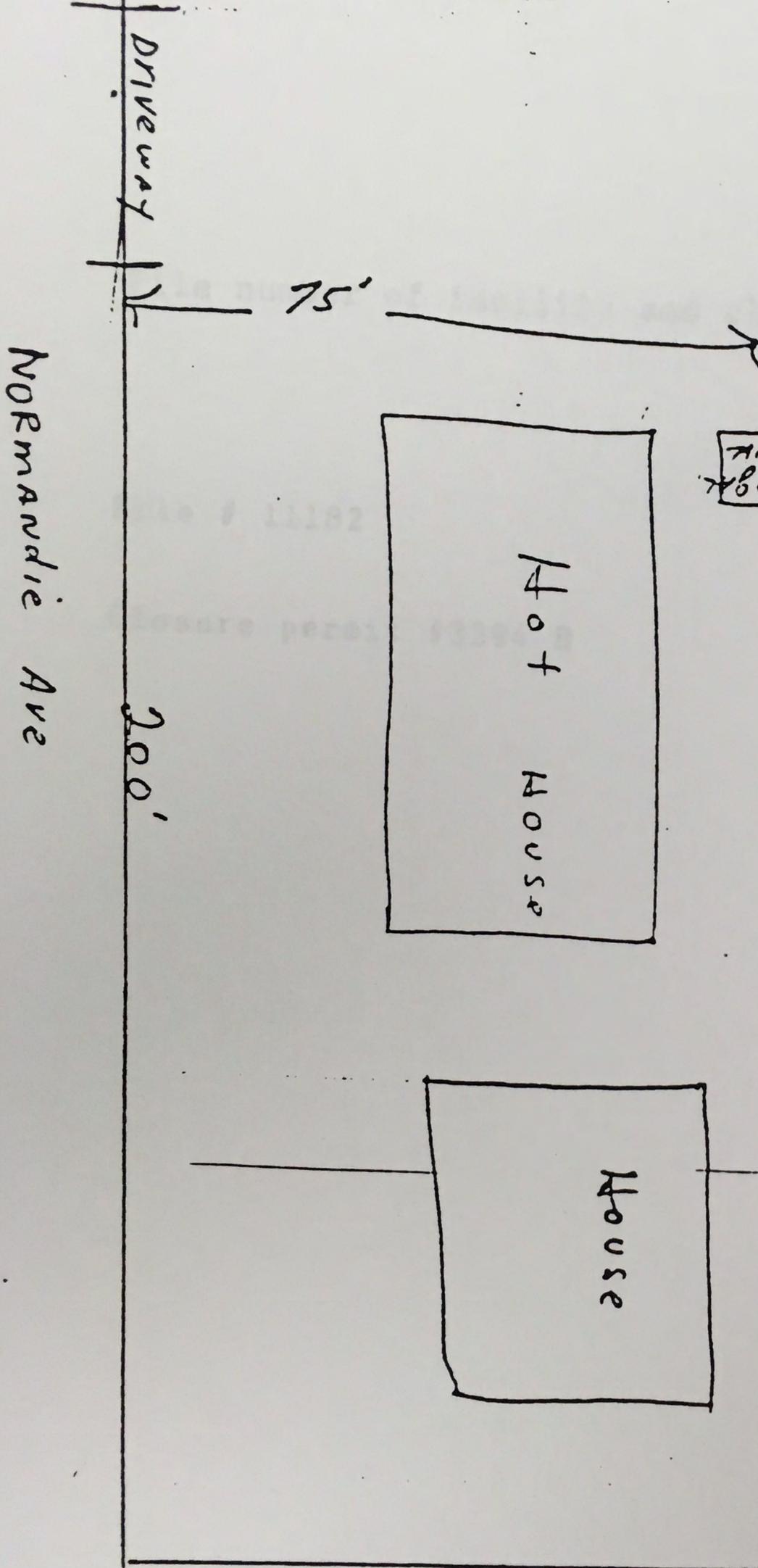
## **6.0 Evaluation of Laboratory Results**

The laboratory analyses reported no detectable concentrations of TPH or AVO compounds were reported in the composited samples. This laboratory data is consistent with the observations recorded during the field drilling program.

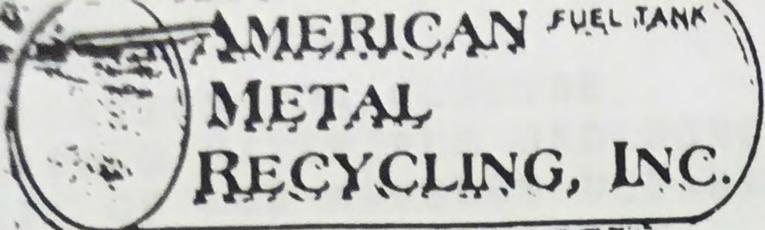
## **7.0 Conclusions**

Petroleum contamination was not detected as a result of the boring program. All work was completed in accordance with LADPW-WMD permit criteria and guidelines. As a result of the previous tank closure operation completed by L&M Loader and the ensuing preliminary site investigation, Tetra Tech has found no evidence that any contamination has resulted from the former 500 gallon gasoline tank.

LAND SURVEY SERVICE  
LAND SURVEYING  
IN THE STATE OF CALIFORNIA  
REGISTERED PROFESSIONAL SURVEYOR  
No. 12345



1341 W. 141st. St.  
Lloyd's Nursery



No. 193

# TANK DISPOSAL FORM

2202 South Milliken Avenue  
 Ontario, CA 91761  
 (714) 947-2888

Date: Sept 30, 1987  
 Job # \_\_\_\_\_  
 P.O. # \_\_\_\_\_

CONTRACTOR: Les Rosenthal  
 ADDRESS: 904 Silver Spur Rd, Rolling Hills Estates, CA 90274  
 JOB SITE: \_\_\_\_\_  
 ADDRESS: 1431 Normandy, Gardena, CA  
 DESTINATION: A.M.R. 2202 S. Milliken Ave., Ontario, CA 91761

DATE	TIME	PROJECTED TANKS	ORDERED BY:	LIC. NO.
------	------	-----------------	-------------	----------

SPECIAL INSTRUCTIONS: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

COMMODITY (SPECIFY) \_\_\_\_\_

	QTY.	TANKS RECEIVED		NET TONS	TOTAL
		GALLONS	TYPE F*S*		
		280	<input type="checkbox"/> <input type="checkbox"/>	.15	.22
<input checked="" type="checkbox"/> Services Rendered		500	<input type="checkbox"/> <input checked="" type="checkbox"/>	.22	
		550	<input type="checkbox"/> <input type="checkbox"/>	.25	
		1000 - 12ft.	<input type="checkbox"/> <input type="checkbox"/>	.46	
		1000 - 6ft.	<input type="checkbox"/> <input type="checkbox"/>	.63	
		1500	<input type="checkbox"/> <input type="checkbox"/>	.90	
<input type="checkbox"/> Disposal Fee	100.00	2000	<input type="checkbox"/> <input type="checkbox"/>	1.00	
<input type="checkbox"/> Extensive Loading Time	150.00	2500	<input type="checkbox"/> <input type="checkbox"/>	1.18	
		3000	<input type="checkbox"/> <input type="checkbox"/>	1.36	
		4000	<input type="checkbox"/> <input type="checkbox"/>	1.70	
<input type="checkbox"/> Disposal Fee with Permit	250.00	5000	<input type="checkbox"/> <input type="checkbox"/>	2.50	
<input type="checkbox"/> Fiberglass Tank Disposal Fee Per Tank	200.00	6000	<input type="checkbox"/> <input type="checkbox"/>	2.92	
		7500	<input type="checkbox"/> <input type="checkbox"/>	3.36	
<input type="checkbox"/> Cancellation Fee	250.00	8000	<input type="checkbox"/> <input type="checkbox"/>	3.55	
<input checked="" type="checkbox"/> Other Specify <u>Drop-off</u>		9000	<input type="checkbox"/> <input type="checkbox"/>	3.94	
		10000	<input type="checkbox"/> <input type="checkbox"/>	4.47	

TOTAL CHARGES \$ 0

NO. OF TANKS 1      TOTAL NET TONS .22

\*F = FIBERGLASS      \*S = STEEL 105

All fees incurred are per load unless specified.  
 Terms are net 30 days from date of invoice.

**CERTIFICATE OF TANK DISPOSAL/DESTRUCTION**  
 THIS IS TO CERTIFY THE RECEIPT AND ACCEPTANCE OF THE TANK(S) AS SPECIFIED ABOVE. ALL MATERIALS SPECIFIED HAVE BEEN COMPLETELY DESTROYED FOR SCRAP PURPOSES ONLY.

[Signature]  
 AUTHORIZED REP.

9-30-87  
 CONTRACTOR COPY      DATE

APPLICATION FOR CLOSURE  
 HAZARDOUS MATERIALS UNDERGROUND STORAGE  
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS  
 WASTE MANAGEMENT DIVISION  
 250 ALCAZAR STREET  
 LOS ANGELES, CALIFORNIA 90033

3294 B

OWNER:  
 NAME Lloyd Nukyan Nursery  
 ADDRESS 1341 141st Street CITY Covina STATE CA ZIP 91024

FACILITY:  
 NAME SAME AS ABOVE  
 SITE ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ ZIP \_\_\_\_\_  
 MAILING ADDRESS \_\_\_\_\_ CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_  
 CONTACT PERSON \_\_\_\_\_ TITLE \_\_\_\_\_ PHONE \_\_\_\_\_

CLOSURE REQUESTED:  
 TEMPORARY (REFER TO CONDITIONS A AND B ON BACK OF THIS FORM)  
 EFFECTIVE DATE OF CLOSURE \_\_\_\_\_  
 DATE OPERATION WILL RESUME \_\_\_\_\_  
 PERMANENT, TANK(S) REMOVAL DISPOSAL DESTINATION \_\_\_\_\_  
 (REFER TO CONDITIONS A AND C ON BACK OF THIS FORM)  
 PERMANENT, TANK(S) IN PLACE  
 (REFER TO CONDITIONS A AND D ON BACK OF THIS FORM)

TANK(S) DESCRIPTION: (ATTACH ADDITIONAL LIST IF NECESSARY.)

TANK NO.	MATERIAL	AGE (YEARS)	CAPACITY (GAL)	MATERIALS STORED (PAST AND PRESENT)
1	Steel	20	500 gal	Fuel (Unleaded)

HAS ANY UNAUTHORIZED DISCHARGE EVER OCCURRED AT THIS SITE? YES  NO   
 HAVE STRUCTURAL REPAIRS EVER BEEN MADE ON THESE TANKS? YES  NO   
 WILL NEW UNDERGROUND TANKS BE INSTALLED FOLLOWING CLOSURE? YES  NO   
 WILL ANY WELLS, INCLUDING MONITORING WELLS, BE ABANDONED? YES  NO

IF THE RESPONSE TO ANY OF THE ABOVE QUESTIONS IS YES, ATTACH EXPLANATION.

BY SIGNATURE BELOW THE APPLICANT CERTIFIES THAT HE/SHE HAS READ AND UNDERSTANDS THE CONDITIONS ON THE REVERSE SIDE OF THIS FORM AND THAT THE STATEMENTS AND DISCLOSURES ABOVE ARE TRUE AND CORRECT.  
 APPLICANT'S SIGNATURE [Signature] DATE 9/28/87  
 OWNER  OPERATOR  CONTRACTOR L.M. Leifer Service  
 STATE LICENSE NO. 504308

TO BE COMPLETED BY THE COUNTY ENGINEER  
 BY SIGNATURE BELOW APPLICANT IS GRANTED APPROVAL TO PROCEED WITH THE CLOSURE.  
 FEE COLLECTED \$ 141  
 PERMIT NO 3294B  
 FILE NO 11182 R/C 28  
[Signature] DATE 9-28-87  
 TO ARRANGE FOR AN INSPECTION, TELEPHONE 800-930-AM

CLOSURE PERMIT SUPPLEMENT  
 HAZARDOUS MATERIALS UNDERGROUND STORAGE  
 LOS ANGELES COUNTY  
 DEPARTMENT OF PUBLIC WORKS  
 WASTE MANAGEMENT DIVISION  
 250 ALCAZAR STREET  
 LOS ANGELES, CALIFORNIA 90033

Closure Permit  
 No. 3294 B  
 File No.  
 I-11182-2B

To satisfy the permanent closure requirements for underground storage tanks previously storing hazardous materials, site integrity must be demonstrated by the analysis of soil samples and, if applicable, groundwater samples as outlined below. These requirements are in addition to the conditions listed on the Application for Closure or contained in an approved Closure Plan.

1. Samples shall be obtained at the sampling points (SP) indicated on the attached plot plan.
2. For each SP, samples shall be obtained at the following depths:

SP	Depth(s)	Compounds	Analysis Method
<u>1</u>	<u>2 ft below tank inlet</u>	<u>TPHC</u>	<u>EPA 8015</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

3. All soil samples obtained shall be undisturbed and unexposed prior to analysis. The method used to obtain the samples and the date of sampling shall be included in the final report.
4. If groundwater is encountered during sampling, a groundwater monitoring well shall be established at the most downgradient sampling point. The well shall be developed by removing a minimum of four well volumes and a groundwater sample shall be obtained and analyzed.
5. The analysis results for all soil samples shall be expressed in milligrams per kilogram (mg/kg). Analysis results for groundwater samples shall be expressed in parts per billion (ppb).
6. Analysis results shall be reported on laboratory letterhead and shall include the following information: a) The date the analysis was conducted; b) The method of extraction (if applicable); c) The method of analysis.
7. All soil/groundwater samples obtained shall be handled and transported to a laboratory in strict accordance with applicable EPA regulations utilizing chain-of-custody procedures. Chain-of-custody documentation shall be included in the final report.
8. If the soil/groundwater analysis indicates undefined contamination at the facility, additional sampling shall be required to define the vertical and lateral extent present.
9. A final report that contains all of the above required information shall be submitted to the office above within one (1) month from the sampling date or 180 days from the date of this permit, whichever

APPLICATION FOR CLOSURE  
 HAZARDOUS MATERIALS UNDERGROUND STORAGE  
 COUNTY OF LOS ANGELES-DEPARTMENT OF PUBLIC WORKS  
 WASTE MANAGEMENT DIVISION  
 100 S. FREMONT AVENUE  
 GARDENA, CALIFORNIA 91803-1331

Permit 8419 B  
 File 11182 R/C 2B  
 Fee \$ 207  
 Check  Cash

Tank removed on  
 Sep. 30, 1987  
 For site investigation only.

OWNER: Name Lloyd Nakayama (Lloyd's Nursery, Inc.) Phone 213-323-8208  
 Mailing Address 1341 W. 141st Street City Gardena State CA Zip 90247

FACILITY:  
 Occupant Name Lloyd's Nursery Phone 213-323-8208  
 Site Address 1341 W. 141st Street City Gardena Zip 90247  
 Mailing Address - Same - City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_  
 Contact Person Lloyd Nakayama Title Owner

CONTRACTOR , complete below: OWNER/OPERATOR AS CONTRACTOR   
 Name Tetra Tech, Inc. Phone 818-449-6400  
 State License No. 551-555 Class A

CLOSURE REQUESTED:  
 PERMANENT, TANK REMOVAL (See Conditions A and C Attached)  
 How many underground tanks will remain after this closure? - 0 -  
 PERMANENT, CLOSURE IN PLACE (See Conditions A and D Attached)  
 TEMPORARY (See Conditions A and B Attached)

TANK DESCRIPTION:	PLOT PLAN ATTACHED <input checked="" type="checkbox"/>		EXISTING HMUSP NO. _____	
Tank No.	Tank Mat'l	Age	Capacity	Materials Stored (Past/Present)
1	Gasoline	unknown	500 gal.	Gasoline - Tank removed from site on 9/30/87 Closure Report determined incomplete by LADPW

COMPLETE THE FOLLOWING:

Has an unauthorized release ever occurred at this site?	<input type="checkbox"/>	YES	<input checked="" type="checkbox"/>	NO
Have structural repairs ever been made to these tanks?	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Will new underground tanks be installed after closure?	<input type="checkbox"/>		<input checked="" type="checkbox"/>	
Will any wells, including monitoring wells, be abandoned?	<input type="checkbox"/>		<input checked="" type="checkbox"/>	

NOTICE: CONTAMINATED TANKS AND RESIDUES THAT MAY BE LEFT IN TANKS TO BE CLOSED MAY BE A HAZARDOUS WASTE WHICH MUST BE TRANSPORTED AND DISPOSED OF PURSUANT TO CHAPTER 6.5, CALIFORNIA HEALTH & SAFETY CODE. FAILURE TO COMPLY MAY BE PROSECUTED AS A FELONY VIOLATION.

By signature below the applicant certifies that all statements and disclosures above are true and correct and that they have read and agree to abide by this permit and all conditions and limitations attached.

Applicant's Signature Lloyd Nakayama (owner) Date 8/28/91  
 (Print Name) LLOYD T NAKAYAMA Phone (213) 323-8208  
 Owner  Operator  Contractor

TO BE COMPLETED BY THE DEPARTMENT OF PUBLIC WORKS  
 PURSUANT TO SECTION 11.80.070B, LOS ANGELES COUNTY CODE, PERMISSION IS HEREBY GRANTED TO PROCEED WITH THE CLOSURE DESCRIBED ABOVE SUBJECT TO THE ATTACHED CONDITIONS AND LIMITATIONS . THIS PERMIT EXPIRES 180 DAYS FROM THE DATE BELOW.

T.A. TIDEMANSON  
 Director of Public Works

By Rani Iyer Date 8/28/91

# TETRA TECH BORING LOG

TT-1 PAGE 1 OF 1

CLIENT LLOYD NAKAYAMA DRILL CONTRACTOR LAYNE ENVIRONMENTAL DATE 8/30/91

PROJECT # TC-8642-01 GEOLOGIST D. THOR

BORE HOLE DIAMETER 8 in. DRILL METHOD HOLLOW STEM SIGNATURE \_\_\_\_\_

SAMPLE METHOD SPLIT SPOON LOCATION GARDENA REGISTRATION # 4080

DEPTH, ft	BLOW COUNT	OVA/HNu (ppm)	SAMPLE	COLUMN	USCS	GEOLOGIC DESCRIPTION	WELL DESIGN
							BACKFILL WITH DRILL CUTTINGS
5					SW	PALE BROWN, MOIST, POORLY SORTED, GRAVELLY, FINE- TO MEDIUM-GRAINED SAND.	
10					SP	PALE BROWN, MOIST, MODERATELY SORTED, VERY FINE- TO FINE-GRAINED SAND.	
15							
20					SP	AS ABOVE, WITH INCREASING FINE-GRAINED SAND.	
25							
30					SP	PALE BROWN, MOIST, WELL SORTED FINE-GRAINED SAND.	
35							
					SM	PALE BROWN, WET, WELL SORTED SILTY, VERY FINE-GRAINED SAND. BOTTOM OF BOREHOLE 41 FEET	

**1335, 1337, 1341, AND 1343 WEST 141ST STREET, GARDENA, CALIFORNIA**

Appendix F Historical Records  
May 21, 2019

## **Appendix F HISTORICAL RECORDS**



PAGE 16703

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  
NAKAYAMA NURSERY INC DBA LLOYD  
1341 W 141ST STREET

GARDENA

CA 90247

II FACILITY

LLOYD'S NURSERY  
1341 W. 141ST STREET  
GARDENA

CA 90247

MAILING ADDRESS  
TOWNSHIP/RANGE/SECTION  
1341 W 141ST ST  
GARDENA

CA 90247

DEALER/FOREMAN/SUPERVISOR  
TELEPHONE

(213) 323-8208

TYPE OF BUSINESS  
NO. OF CONTAINERS

NURSERY

1

CROSS STREET :  
NORMANDIE

III 24-HR. CONTACT PERSON / TELEPHONE  
DAY: HARUKO NAKAYAMA MRS.

(213) 323-8208

NIGHT:

( ) -

\*\*\*\*\* OWNER ASSIGNED CONTAINER NUMBER: 1

\*\*\*\*\* STATE BOARD ASSIGNED CONTAINER ID NUMBER: 00000003159001 \*\*\*\*\*

IV DESCRIPTION

A. CONTAINER TYPE : TANK  
B. MANUFACTURER/YR OF MFG: /  
C. YEAR INSTALLED : 1964  
D. CAPACITY (GALLONS) : 500

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 : YES

V CONTAINER CONSTRUCTION

A. THICKNESS: B. VALTING: UNKNOWN C. WALLING: UNKNOWN  
D. MATERIAL : STEEL CLAD  
E. LINING : UNLINED  
F. WRAPPING : UNKNOWN

VI PIPING

A. ABOVEGROUND PIPING :  
C. REPAIRS : NONE IF YES, YEAR OF MOST RECENT REPAIR:  
B. UNDERGROUND PIPING : NONE

VII LEAK DETECTION

NONE

VIII CHEMICAL COMPOSITION OF SUBSTANCES CURRENTLY STORED IN CONTAINER

12031 UNLEADED MOTOR VEHICLE FUEL

1341 W 141st Street

1341 W 141st Street

Gardena, CA 90247

Inquiry Number: 5630209.3

April 24, 2019

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

04/24/19

**Site Name:**

1341 W 141st Street  
1341 W 141st Street  
Gardena, CA 90247  
EDR Inquiry # 5630209.3

**Client Name:**

Stantec  
735 E. Carnegie Drive, Suite 280  
SAN BERNARDINO, CA 92408  
Contact: Alicia Jansen



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Stantec 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](http://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 #** 99BB-4CD0-978B

**PO #** NA

**Project** NA

**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 #: 99BB-4CD0-978B

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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1341 W 141st Street

1341 W 141st Street

Gardena, CA 90247

Inquiry Number: 5630209.4

April 23, 2019

# EDR Historical Topo Map Report

with QuadMatch™



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Historical Topo Map Report

04/23/19

**Site Name:**

1341 W 141st Street  
1341 W 141st Street  
Gardena, CA 90247  
EDR Inquiry # 5630209.4

**Client Name:**

Stantec  
735 E. Carnegie Drive, Suite 280  
SAN BERNARDINO, CA 92408  
Contact: Alicia Jansen



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Stantec 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.#** NA  
**Project:** NA

**Latitude:** 33.90423 33° 54' 15" North  
**Longitude:** -118.299823 -118° 17' 59" West  
**UTM Zone:** Zone 11 North  
**UTM X Meters:** 379825.70  
**UTM Y Meters:** 3752297.72  
**Elevation:** 53.29' above sea level

**Maps Provided:**

2012	1934
1981	1930, 1934
1972	1924
1964	1923
1952	1896
1950	
1948	
1937, 1941	

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## **Topo Sheet Key**

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### **2012 Source Sheets**



Inglewood  
2012  
7.5-minute, 24000

### **1981 Source Sheets**



Inglewood  
1981  
7.5-minute, 24000  
Aerial Photo Revised 1978

### **1972 Source Sheets**



Inglewood  
1972  
7.5-minute, 24000  
Aerial Photo Revised 1972

### **1964 Source Sheets**



Inglewood  
1964  
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.

### 1952 Source Sheets



Inglewood  
1952  
7.5-minute, 24000  
Aerial Photo Revised 1947

### 1950 Source Sheets



Inglewood  
1950  
7.5-minute, 24000  
Aerial Photo Revised 1947

### 1948 Source Sheets



Inglewood  
1948  
7.5-minute, 24000

### 1937, 1941 Source Sheets



Watts  
1937  
7.5-minute, 24000



Torrance  
1941  
7.5-minute, 24000

## Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

### 1934 Source Sheets



Torrance  
1934  
7.5-minute, 20000

### 1930, 1934 Source Sheets



Inglewood  
1930  
7.5-minute, 24000



Compton  
1930  
7.5-minute, 24000

### 1924 Source Sheets



Watts  
1924  
7.5-minute, 24000



Torrance  
1924  
7.5-minute, 24000



Compton  
1924  
7.5-minute, 24000



Inglewood  
1924  
7.5-minute, 24000

### 1923 Source Sheets

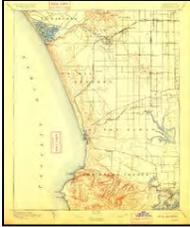


Watts  
1923  
7.5-minute, 24000

## ***Topo Sheet Key***

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

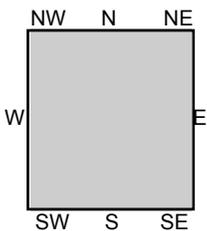
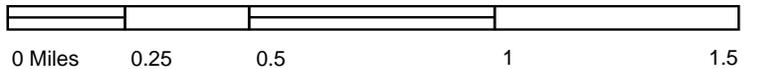
### **1896 Source Sheets**



Redondo  
1896  
15-minute, 62500



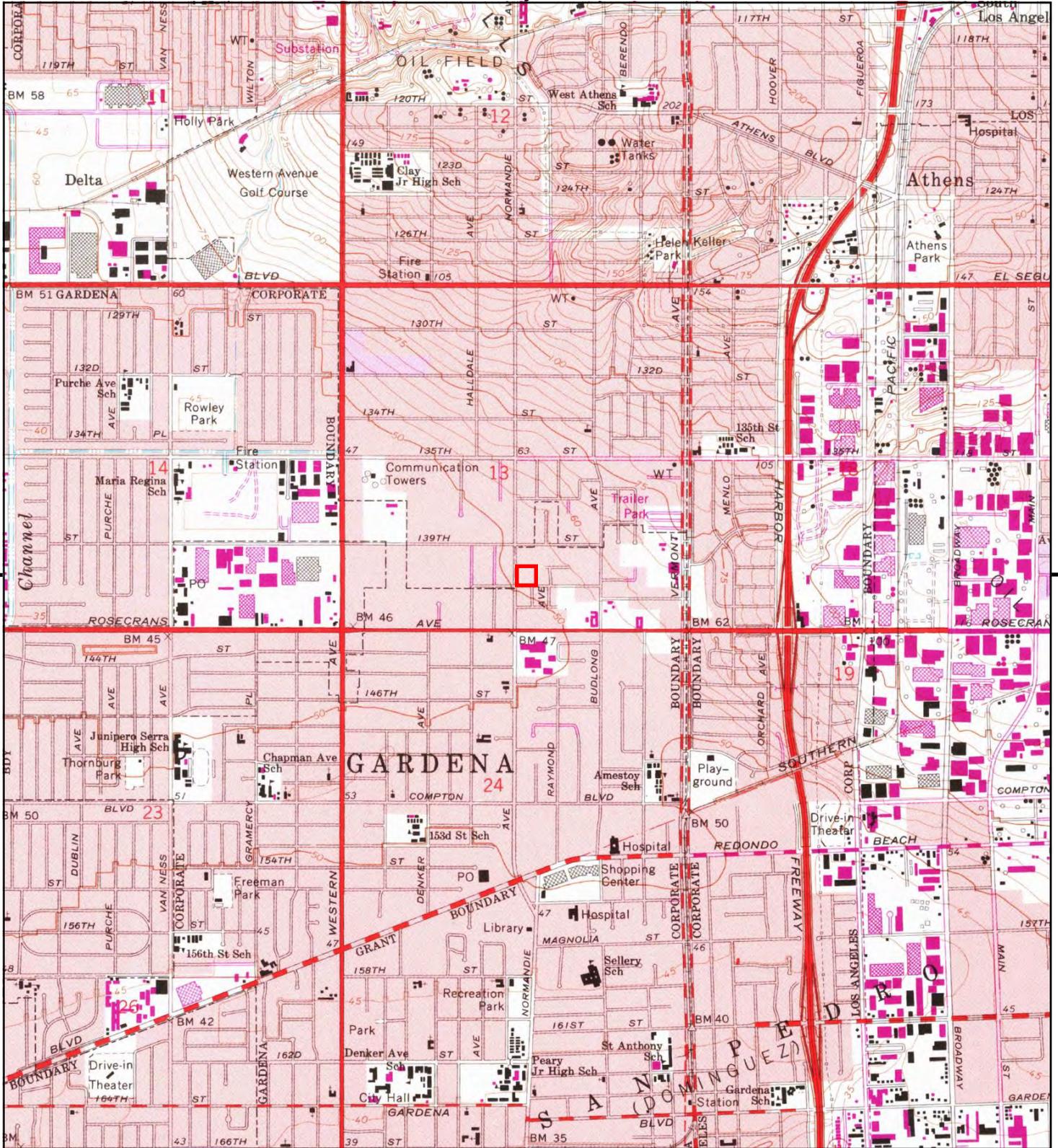
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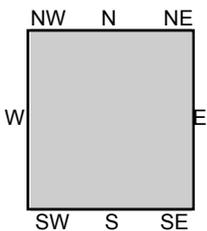
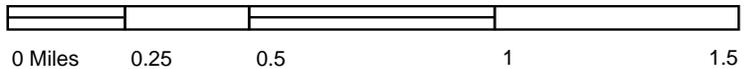
TP, Inglewood, 2012, 7.5-minute

SITE NAME: 1341 W 141st Street  
 ADDRESS: 1341 W 141st Street  
 Gardena, CA 90247  
 CLIENT: Stantec





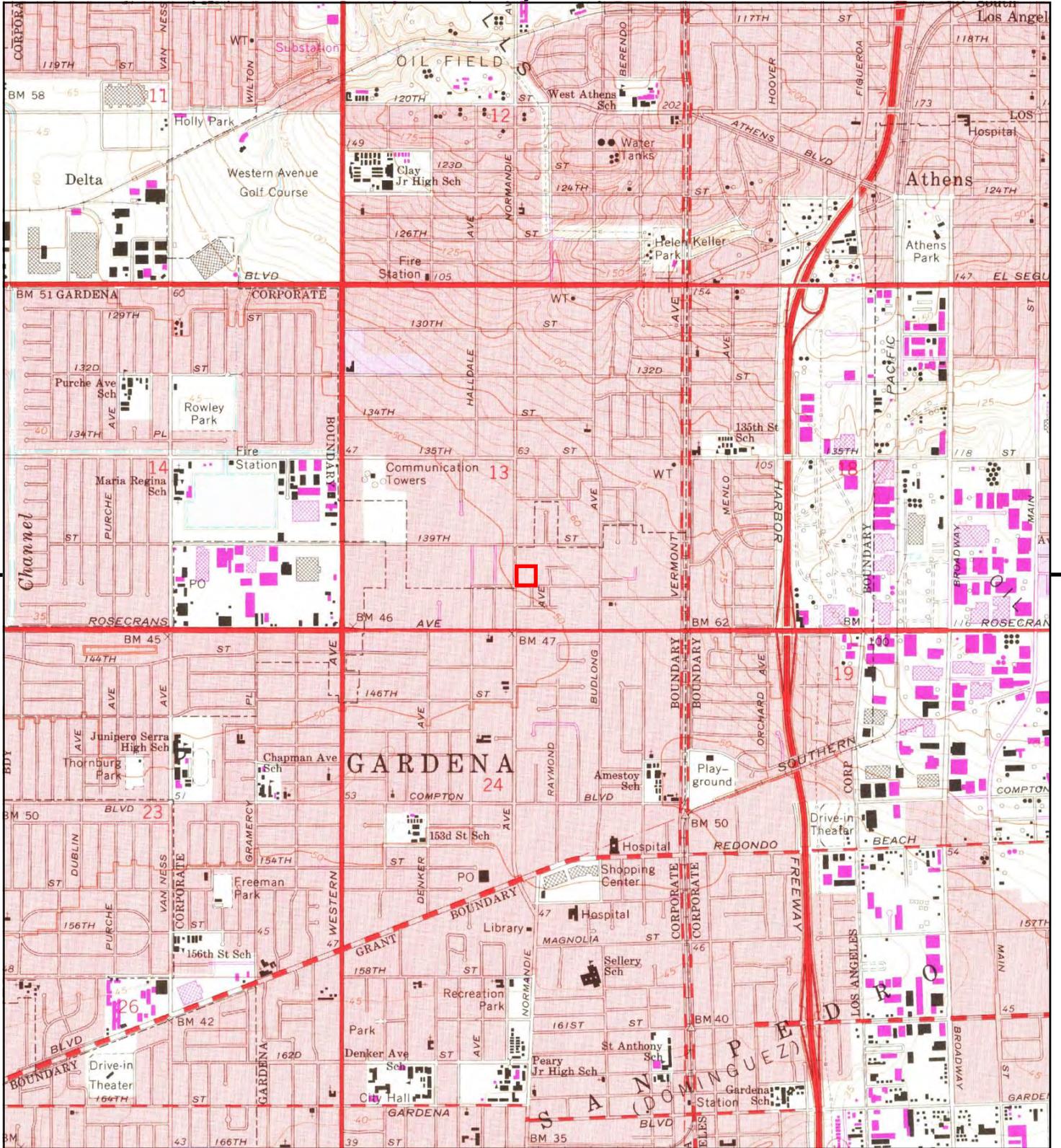
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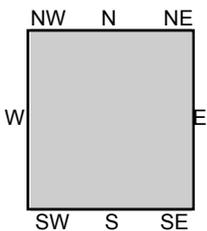
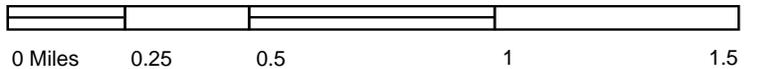
TP, Inglewood, 1981, 7.5-minute

SITE NAME: 1341 W 141st Street  
 ADDRESS: 1341 W 141st Street  
 Gardena, CA 90247  
 CLIENT: Stantec





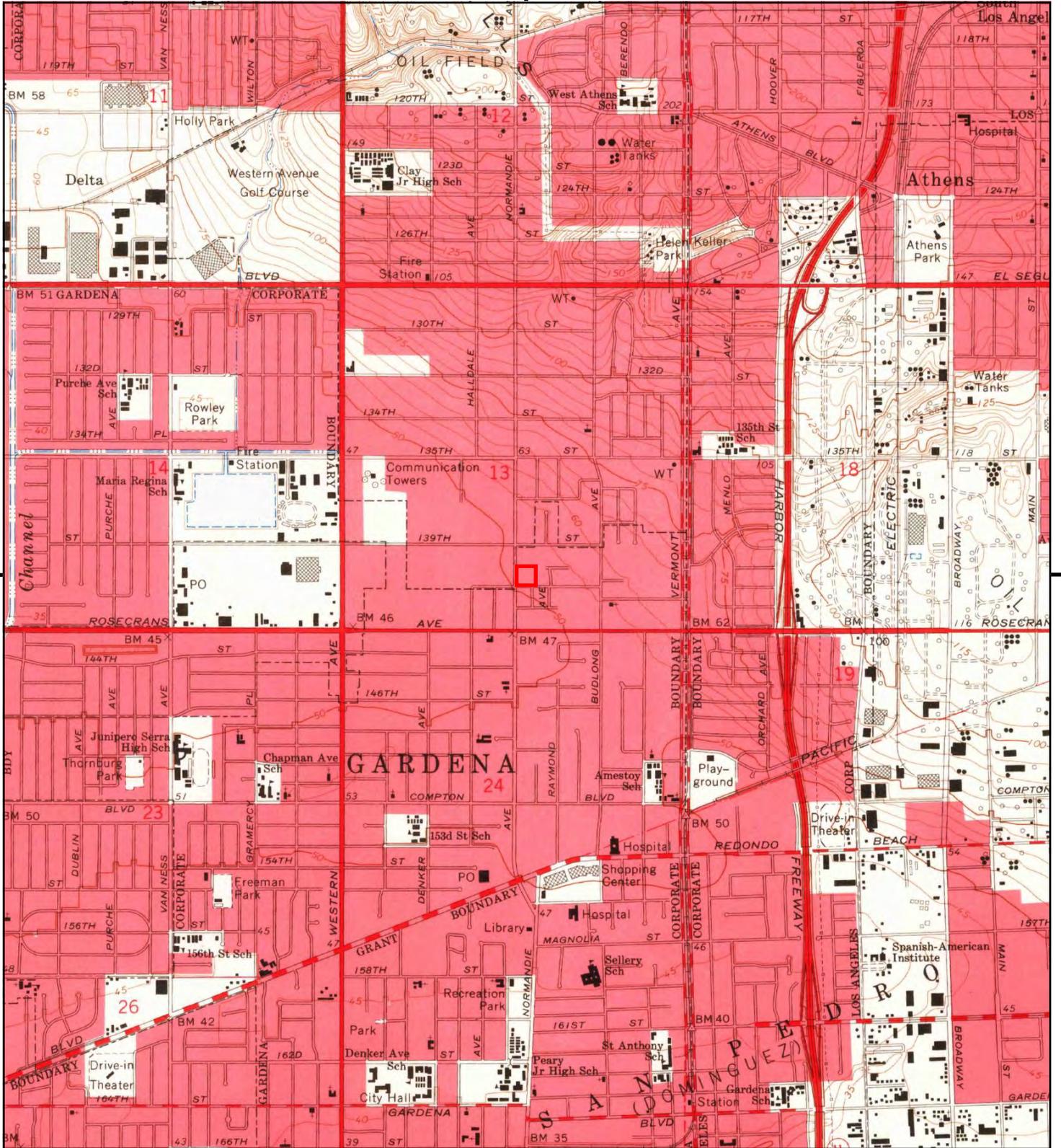
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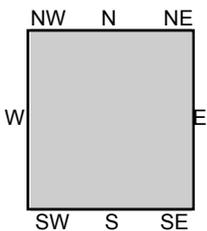
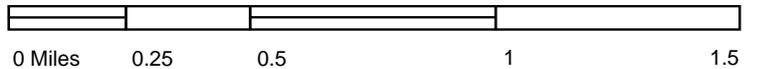
TP, Inglewood, 1972, 7.5-minute

SITE NAME: 1341 W 141st Street  
 ADDRESS: 1341 W 141st Street  
 Gardena, CA 90247  
 CLIENT: Stantec





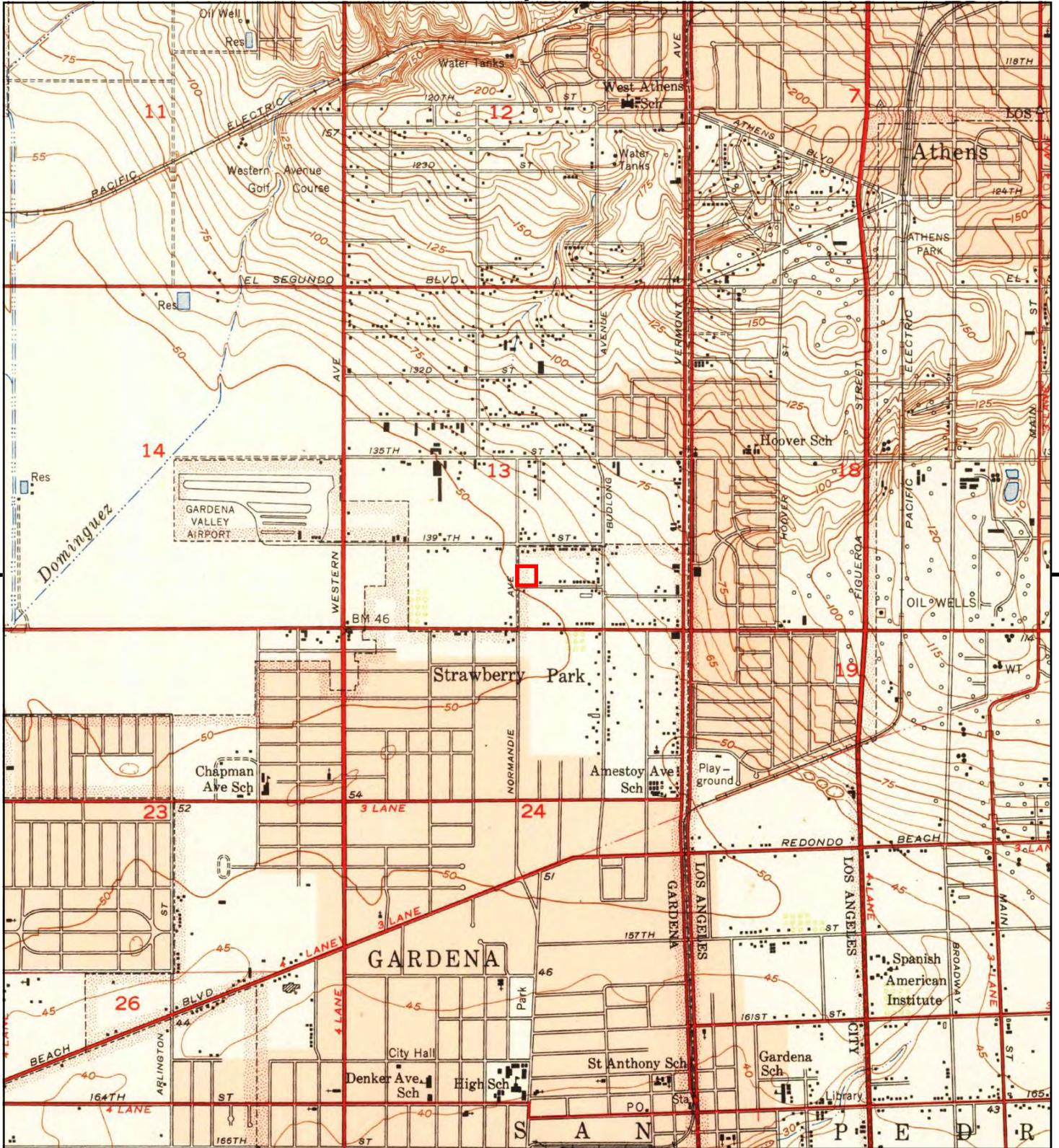
This report includes information from the following map sheet(s).



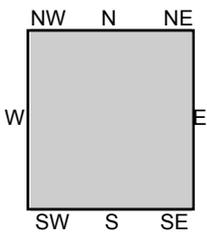
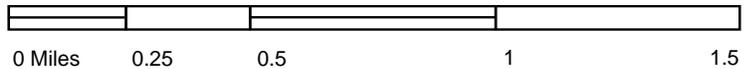
TP, Inglewood, 1964, 7.5-minute

SITE NAME: 1341 W 141st Street  
 ADDRESS: 1341 W 141st Street  
 Gardena, CA 90247  
 CLIENT: Stantec





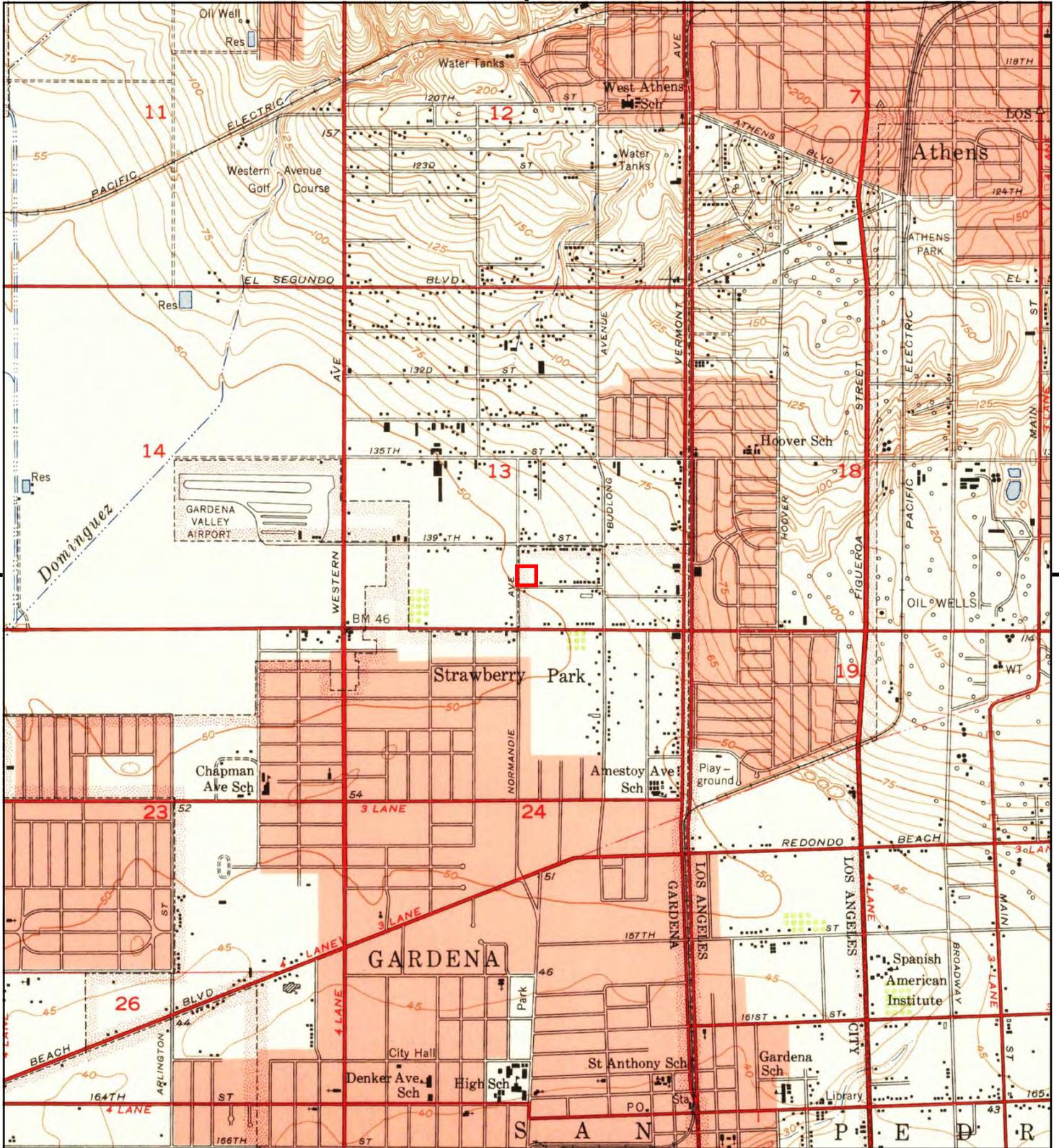
This report includes information from the following map sheet(s).



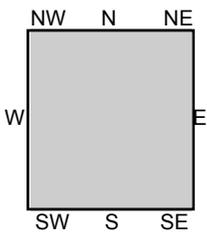
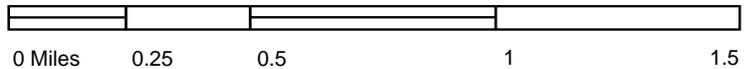
TP, Inglewood, 1952, 7.5-minute

SITE NAME: 1341 W 141st Street  
 ADDRESS: 1341 W 141st Street  
 Gardena, CA 90247  
 CLIENT: Stantec





This report includes information from the following map sheet(s).

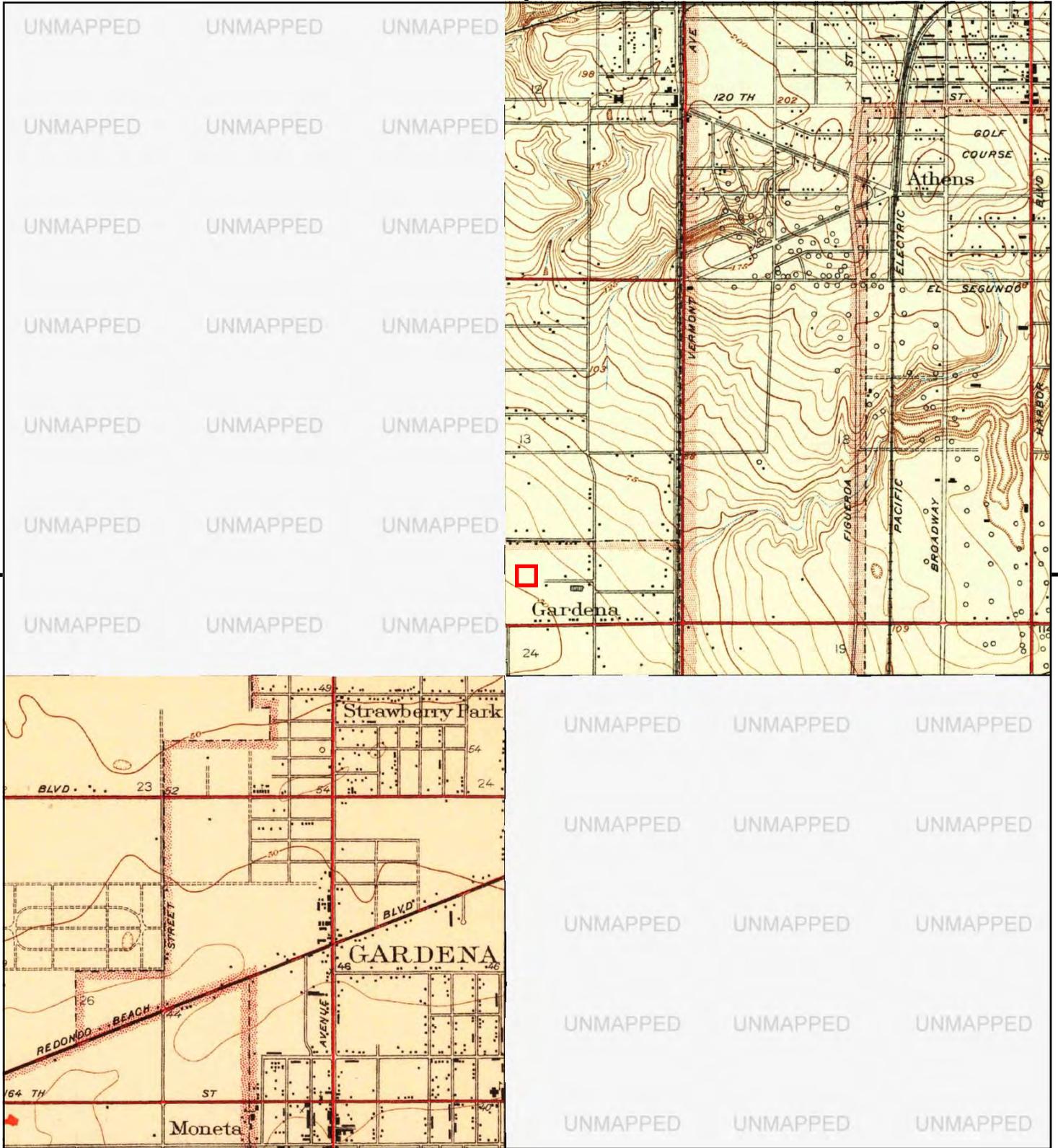


TP, Inglewood, 1950, 7.5-minute

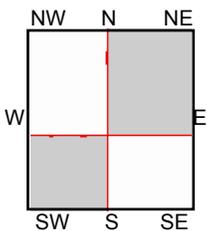
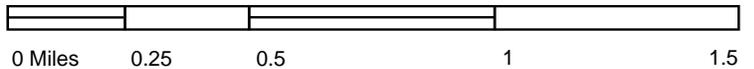
SITE NAME: 1341 W 141st Street  
 ADDRESS: 1341 W 141st Street  
 Gardena, CA 90247  
 CLIENT: Stantec







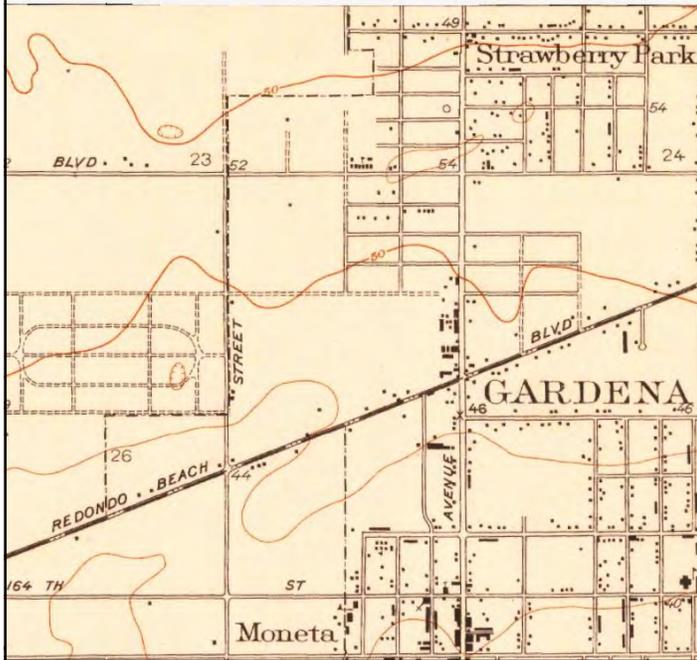
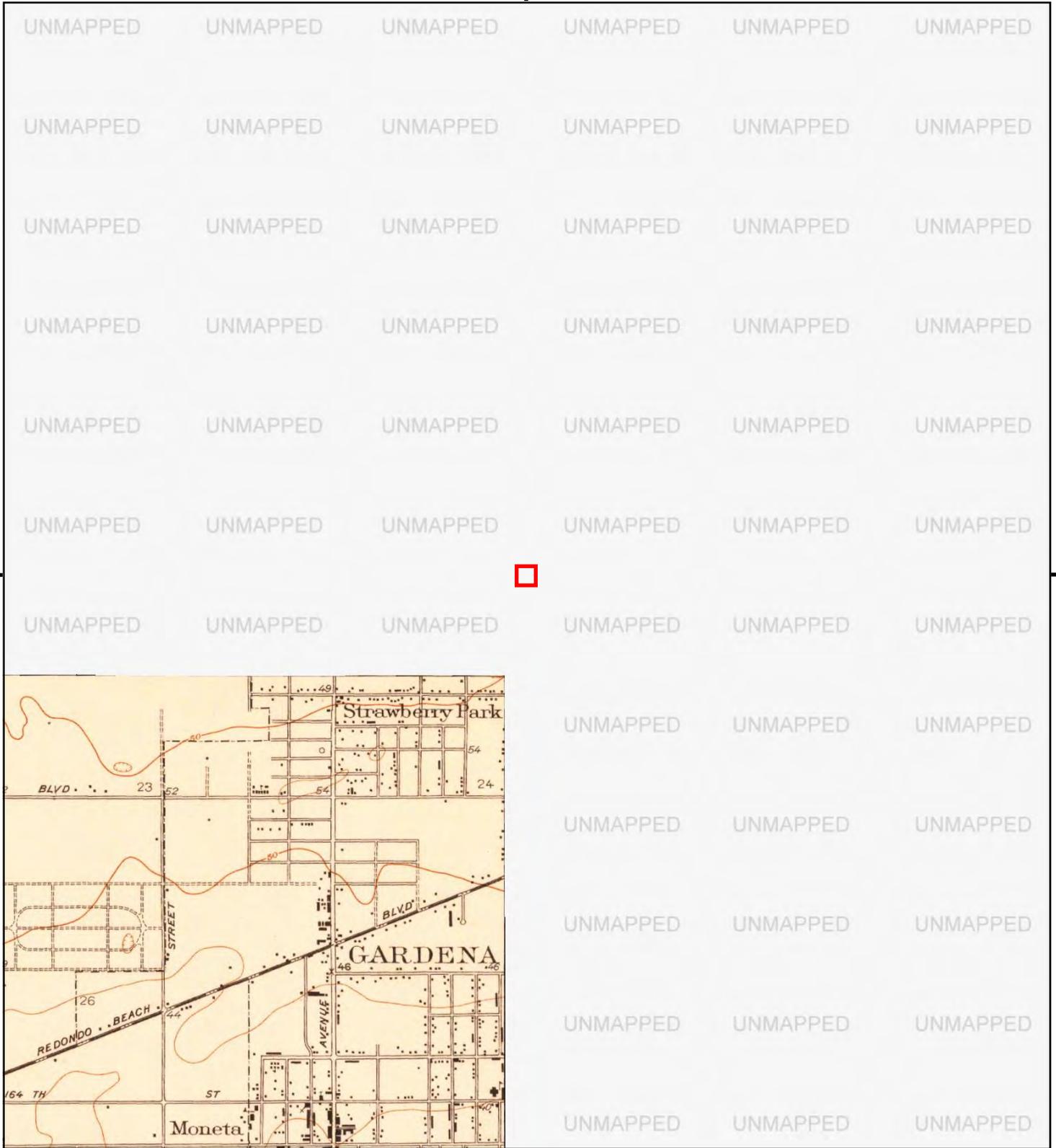
This report includes information from the following map sheet(s).



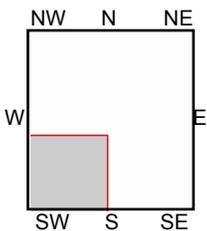
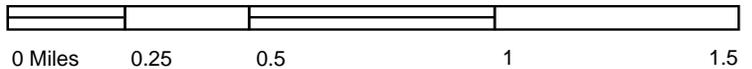
TP, Watts, 1937, 7.5-minute  
 SW, Torrance, 1941, 7.5-minute

SITE NAME: 1341 W 141st Street  
 ADDRESS: 1341 W 141st Street  
 Gardena, CA 90247  
 CLIENT: Stantec





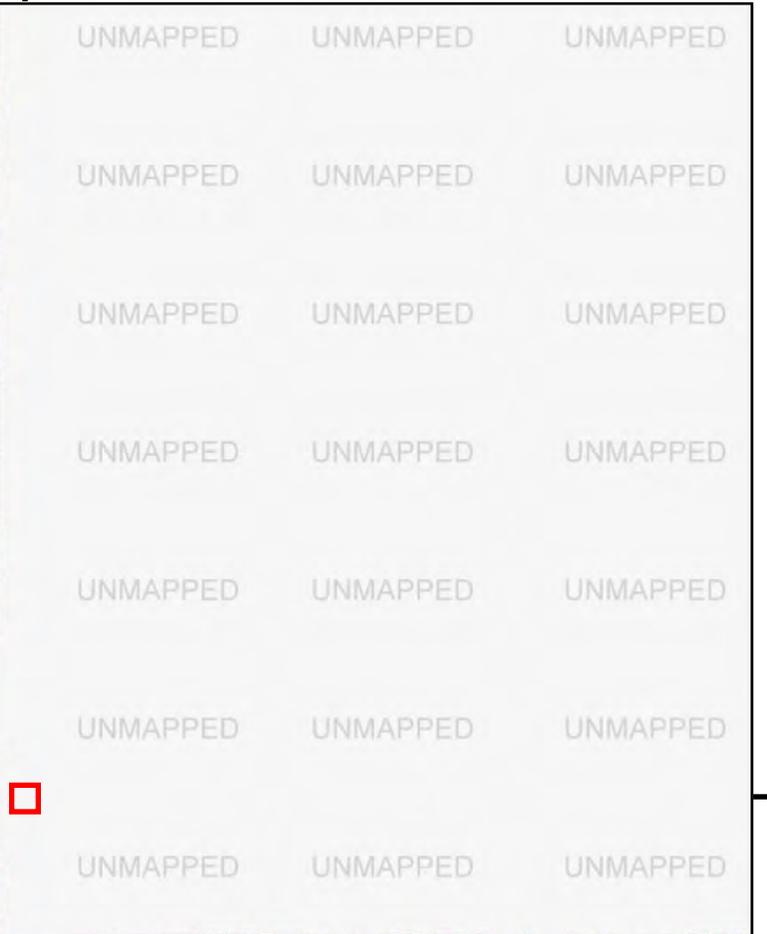
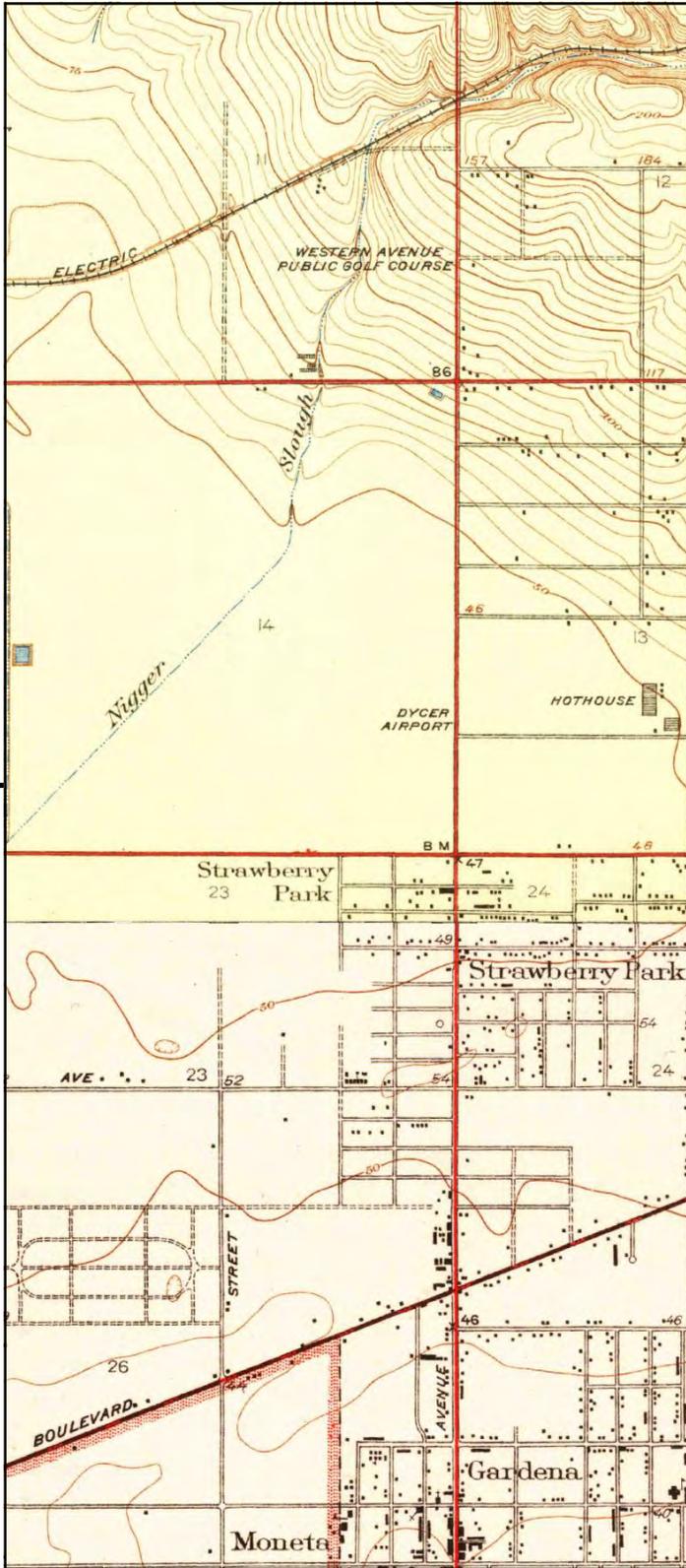
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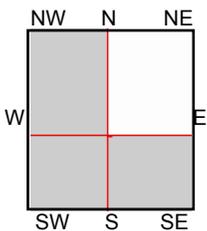
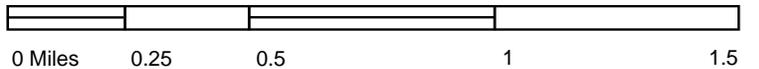
SW, Torrance, 1934, 7.5-minute

SITE NAME: 1341 W 141st Street  
 ADDRESS: 1341 W 141st Street  
 Gardena, CA 90247  
 CLIENT: Stantec





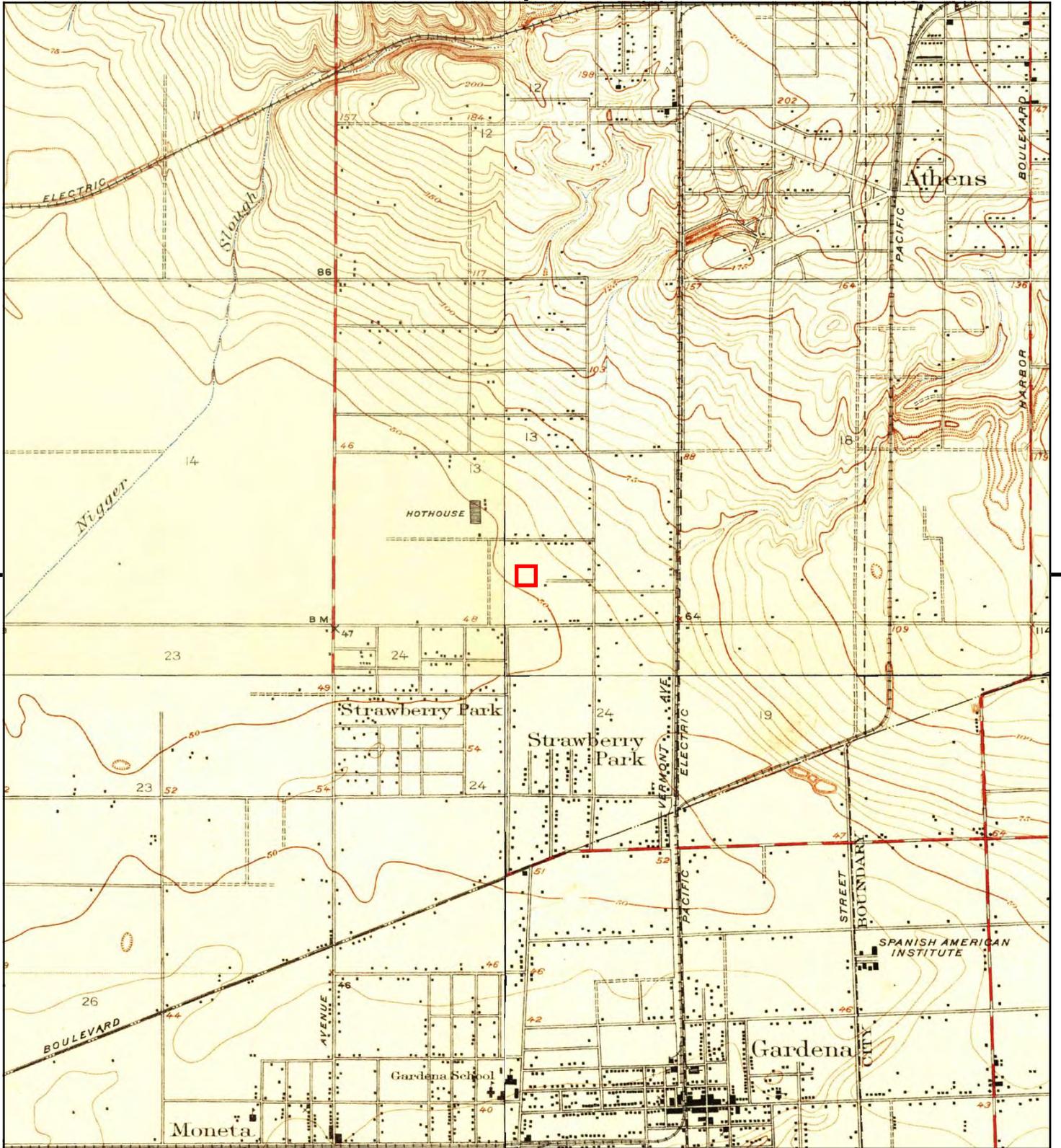
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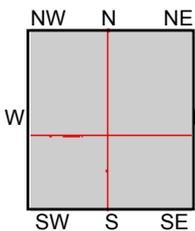
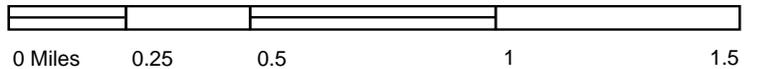
SE, Compton, 1930, 7.5-minute  
 SW, Torrance, 1934, 7.5-minute  
 NW, Inglewood, 1930, 7.5-minute

SITE NAME: 1341 W 141st Street  
 ADDRESS: 1341 W 141st Street  
 Gardena, CA 90247  
 CLIENT: Stantec





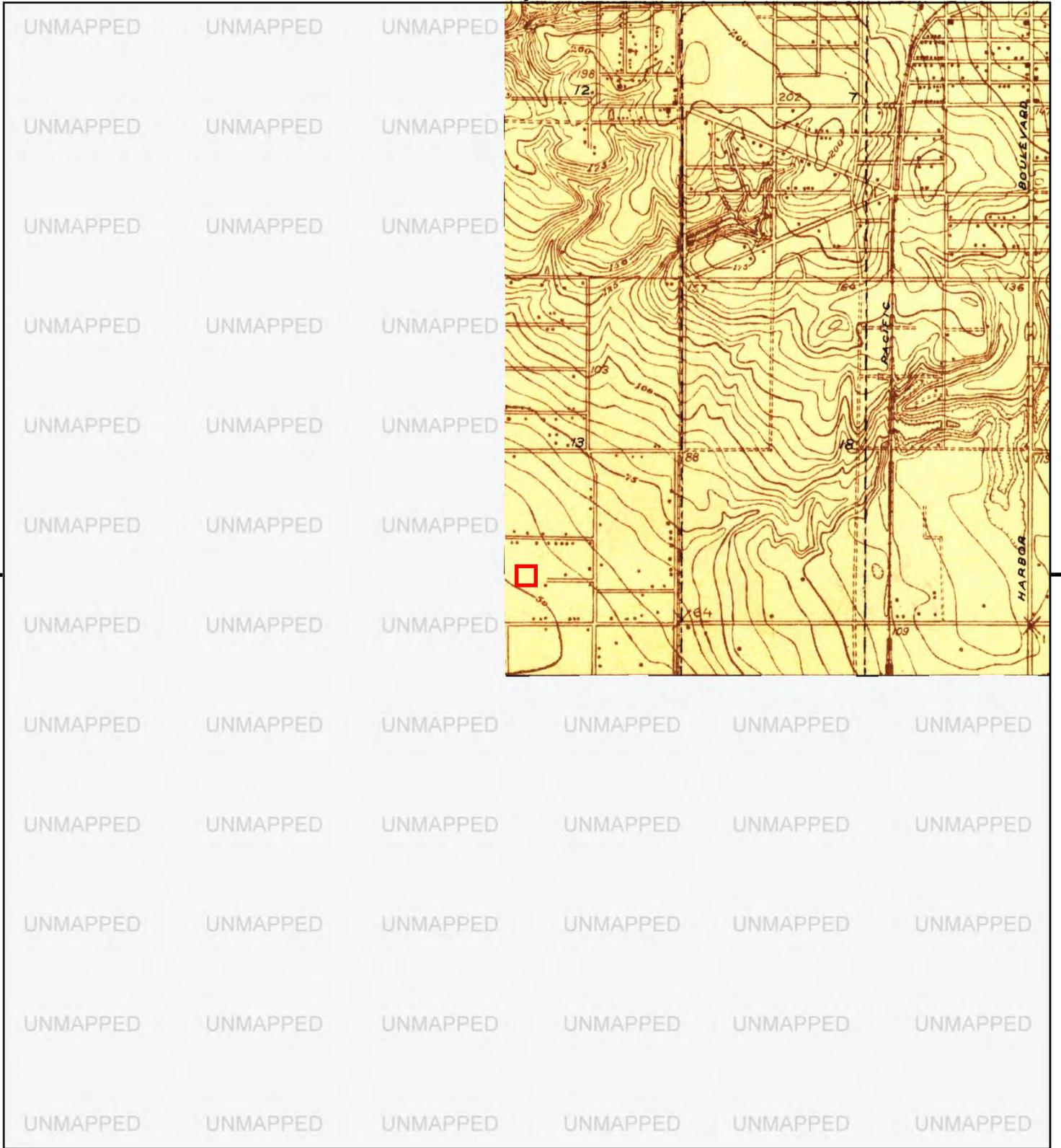
This report includes information from the following map sheet(s).



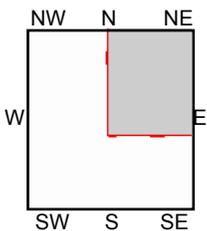
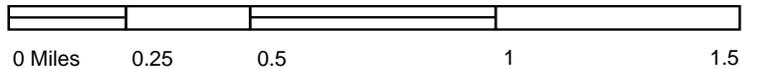
TP, Watts, 1924, 7.5-minute  
 SE, Compton, 1924, 7.5-minute  
 SW, Torrance, 1924, 7.5-minute  
 NW, Inglewood, 1924, 7.5-minute

**SITE NAME:** 1341 W 141st Street  
**ADDRESS:** 1341 W 141st Street  
 Gardena, CA 90247  
**CLIENT:** Stantec





This report includes information from the following map sheet(s).



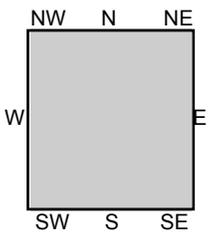
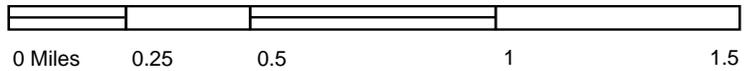
TP, Watts, 1923, 7.5-minute

SITE NAME: 1341 W 141st Street  
ADDRESS: 1341 W 141st Street  
Gardena, CA 90247  
CLIENT: Stantec





This report includes information from the following map sheet(s).



TP, Redondo, 1896, 15-minute

SITE NAME: 1341 W 141st Street  
ADDRESS: 1341 W 141st Street  
Gardena, CA 90247  
CLIENT: Stantec





**1341 W 141st Street**

1341 W 141st Street

Gardena, CA 90247

Inquiry Number: 5630209.8

April 24, 2019

## The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

04/24/19

**Site Name:**

1341 W 141st Street  
1341 W 141st Street  
Gardena, CA 90247  
EDR Inquiry # 5630209.8

**Client Name:**

Stantec  
735 E. Carnegie Drive, Suite 280  
SAN BERNARDINO, CA 92408  
Contact: Alicia Jansen



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 10, 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
1977	1"=500'	Flight Date: January 18, 1977	EDR Proprietary Brewster Pacific
1972	1"=500'	Flight Date: October 30, 1972	EDR Proprietary Brewster Pacific
1963	1"=500'	Flight Date: February 28, 1963	USGS
1952	1"=500'	Flight Date: April 12, 1952	USDA
1947	1"=500'	Flight Date: June 29, 1947	FAIR
1938	1"=500'	Flight Date: December 08, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR
1923	1"=500'	Flight Date: January 01, 1923	FAIR

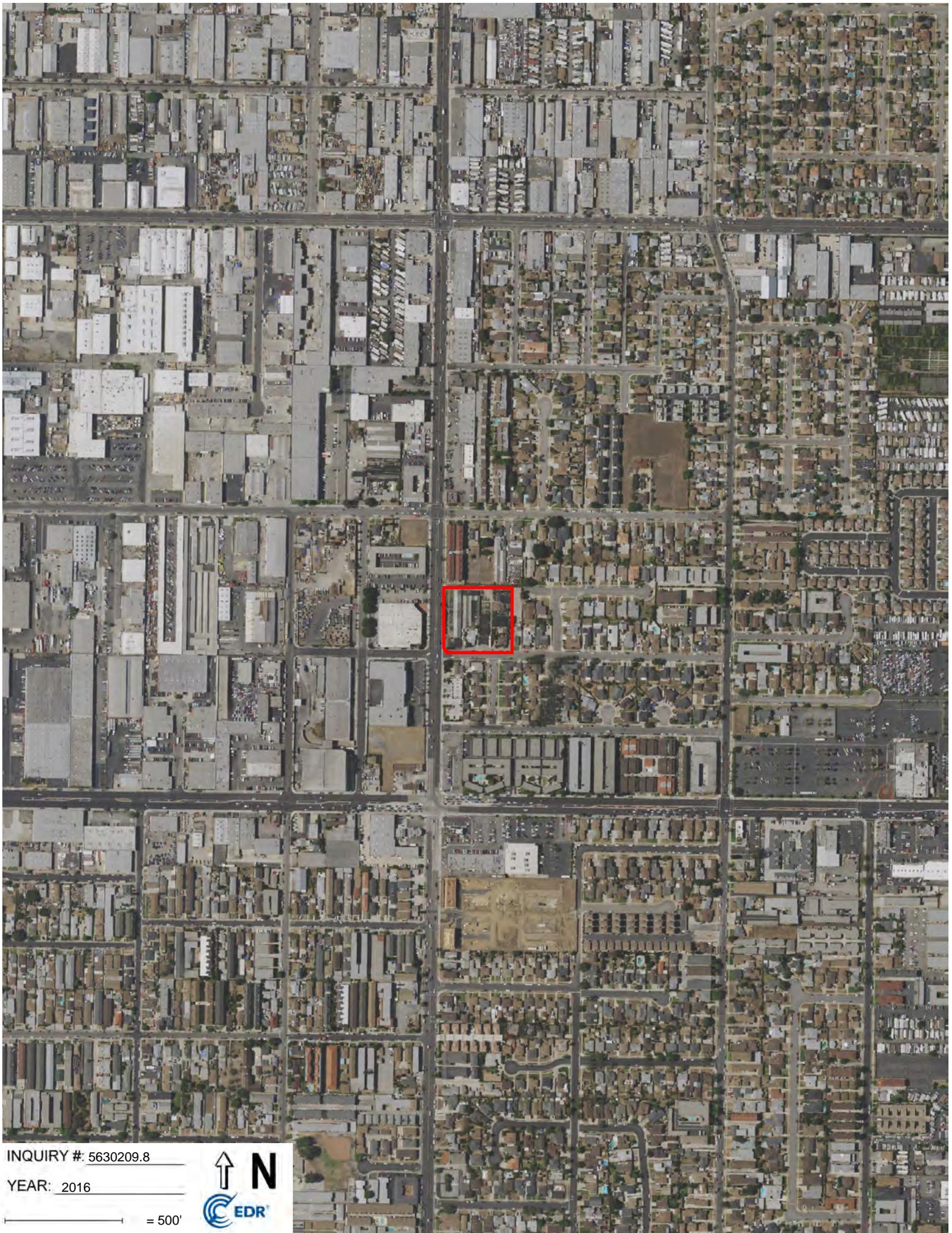
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INQUIRY #: 5630209.8

YEAR: 2016

— = 500'



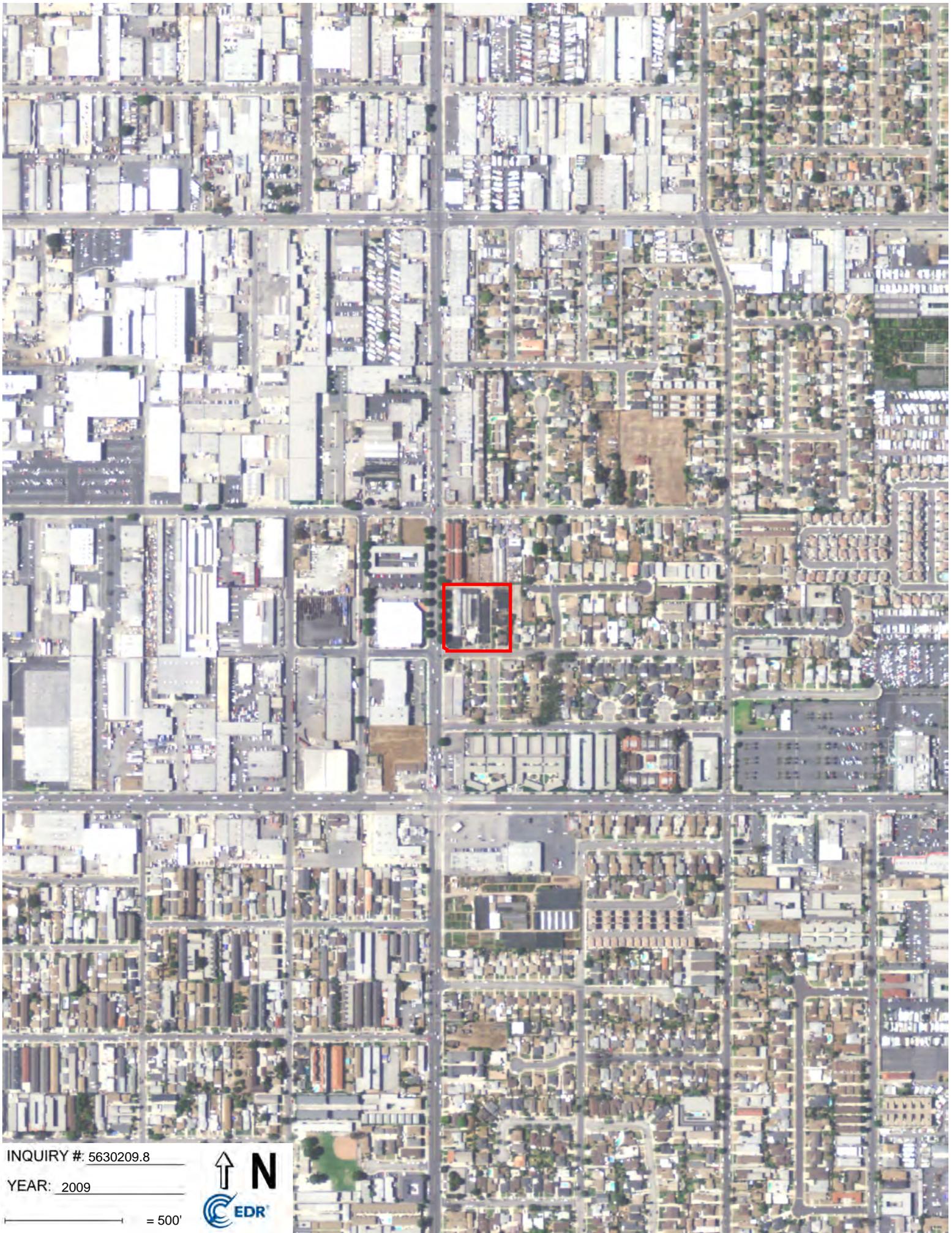


INQUIRY # 5630209.8

YEAR: 2012

— = 500'



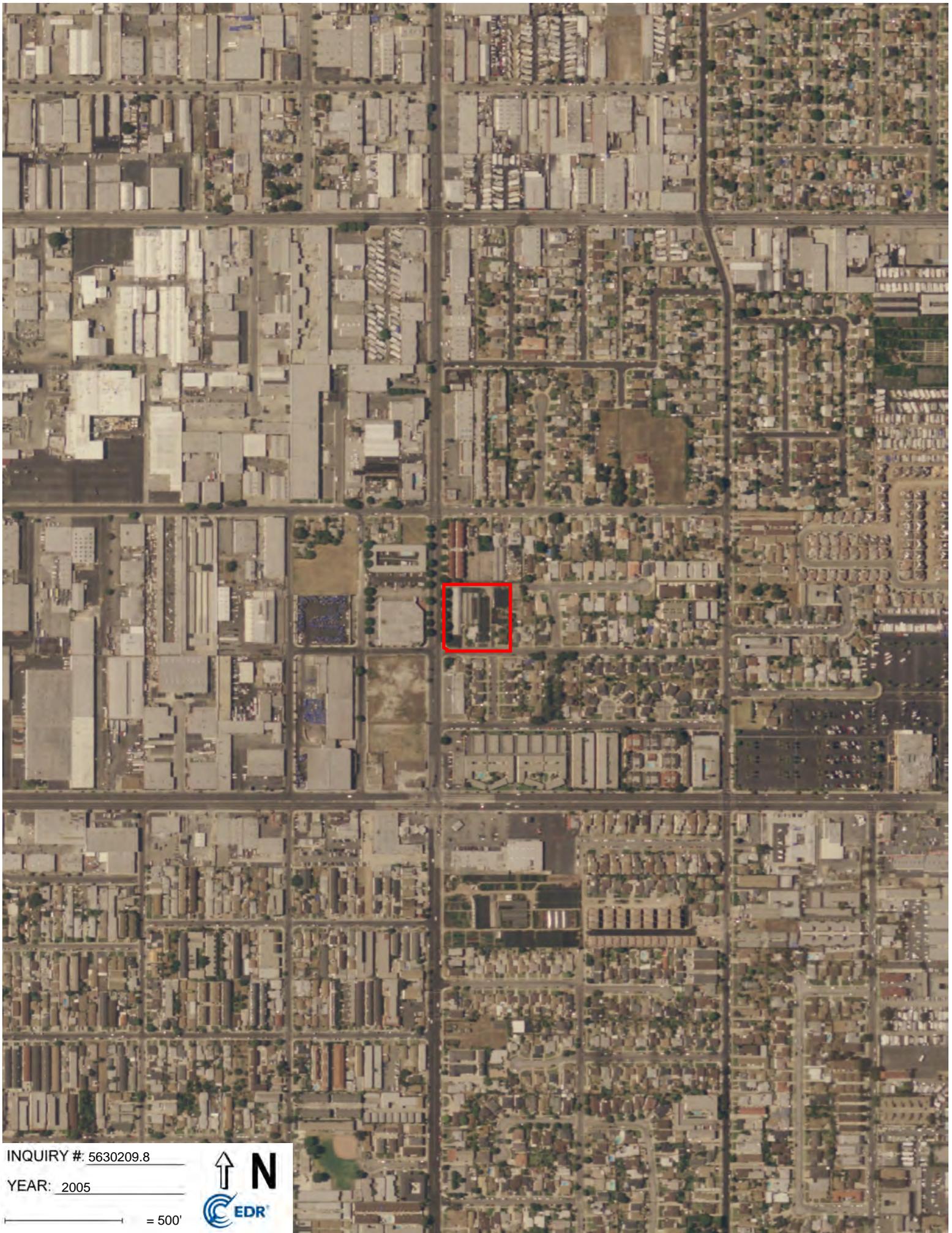


INQUIRY #: 5630209.8

YEAR: 2009

— = 500'





INQUIRY #: 5630209.8

YEAR: 2005

— = 500'



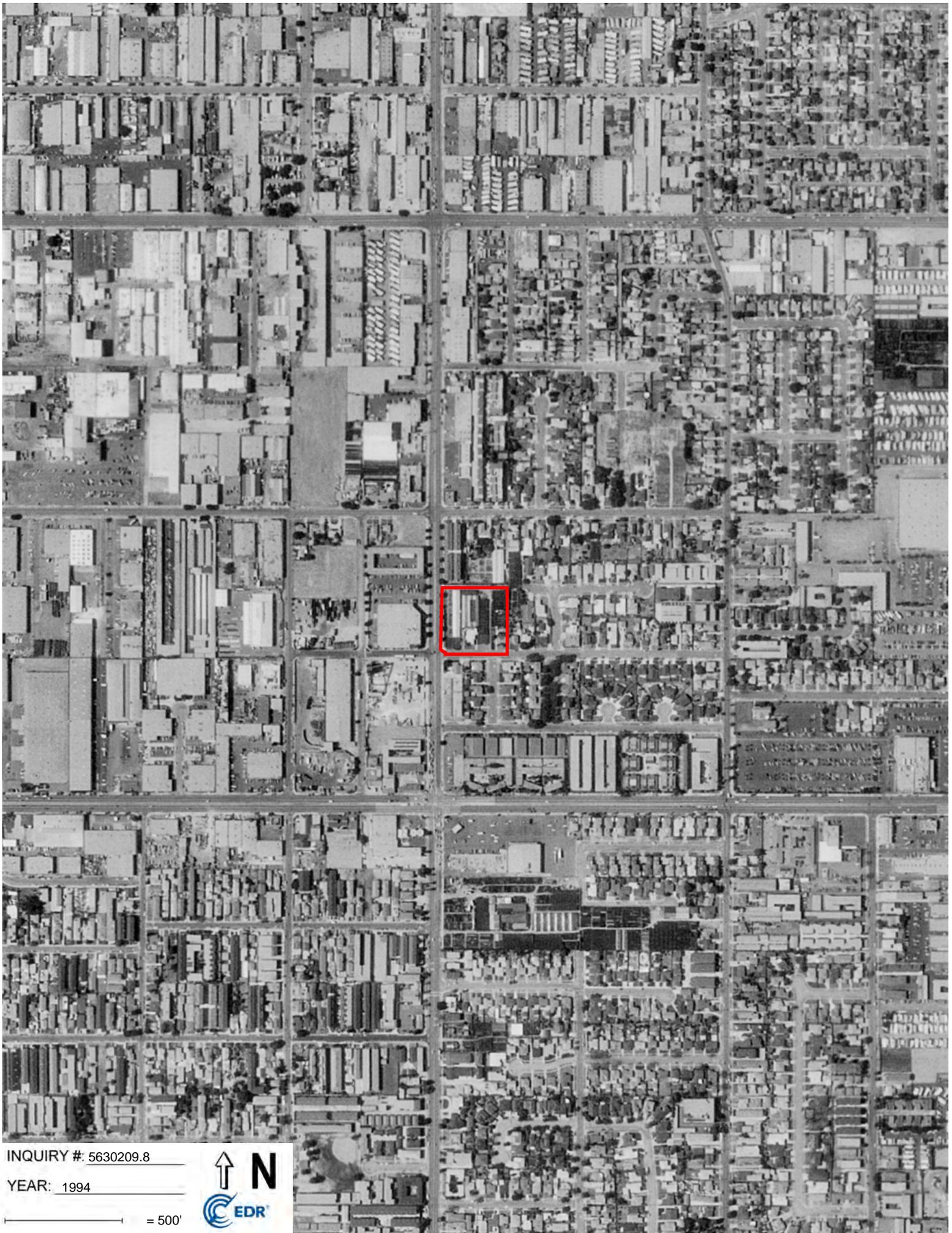


INQUIRY #: 5630209.8

YEAR: 2002

— = 500'



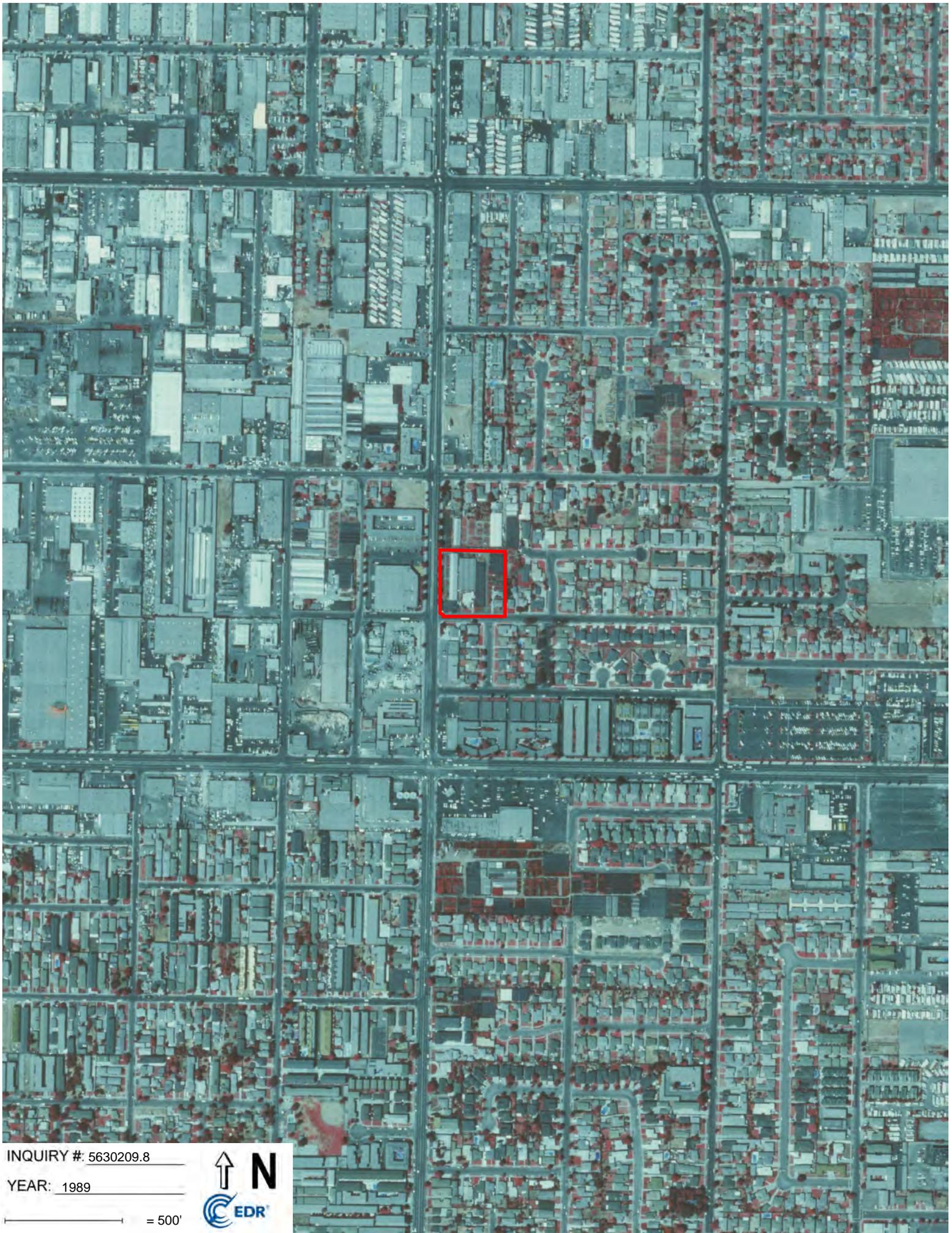


INQUIRY #: 5630209.8

YEAR: 1994

— = 500'



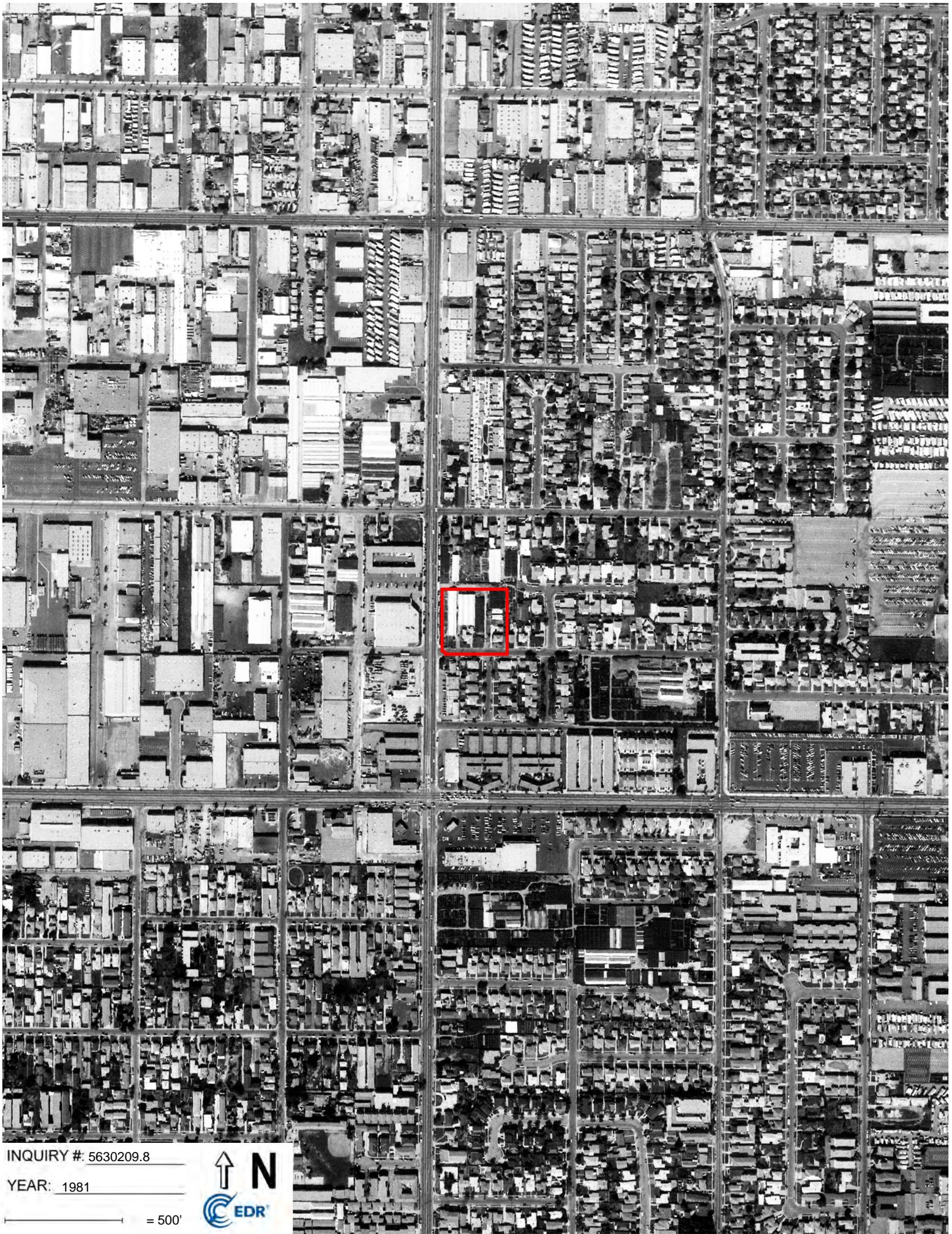


INQUIRY #: 5630209.8

YEAR: 1989

— = 500'



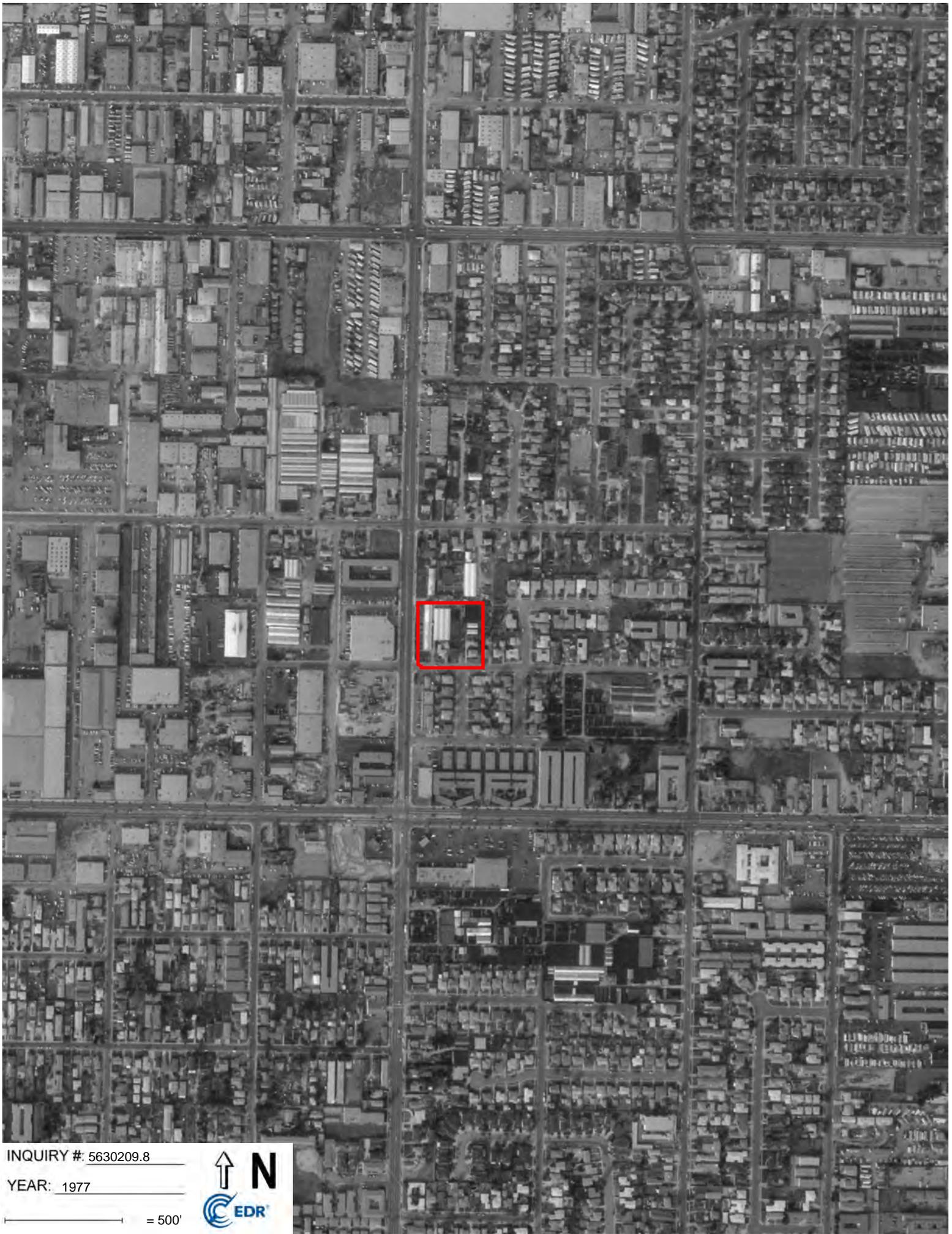


INQUIRY #: 5630209.8

YEAR: 1981

— = 500'





INQUIRY #: 5630209.8

YEAR: 1977

— = 500'



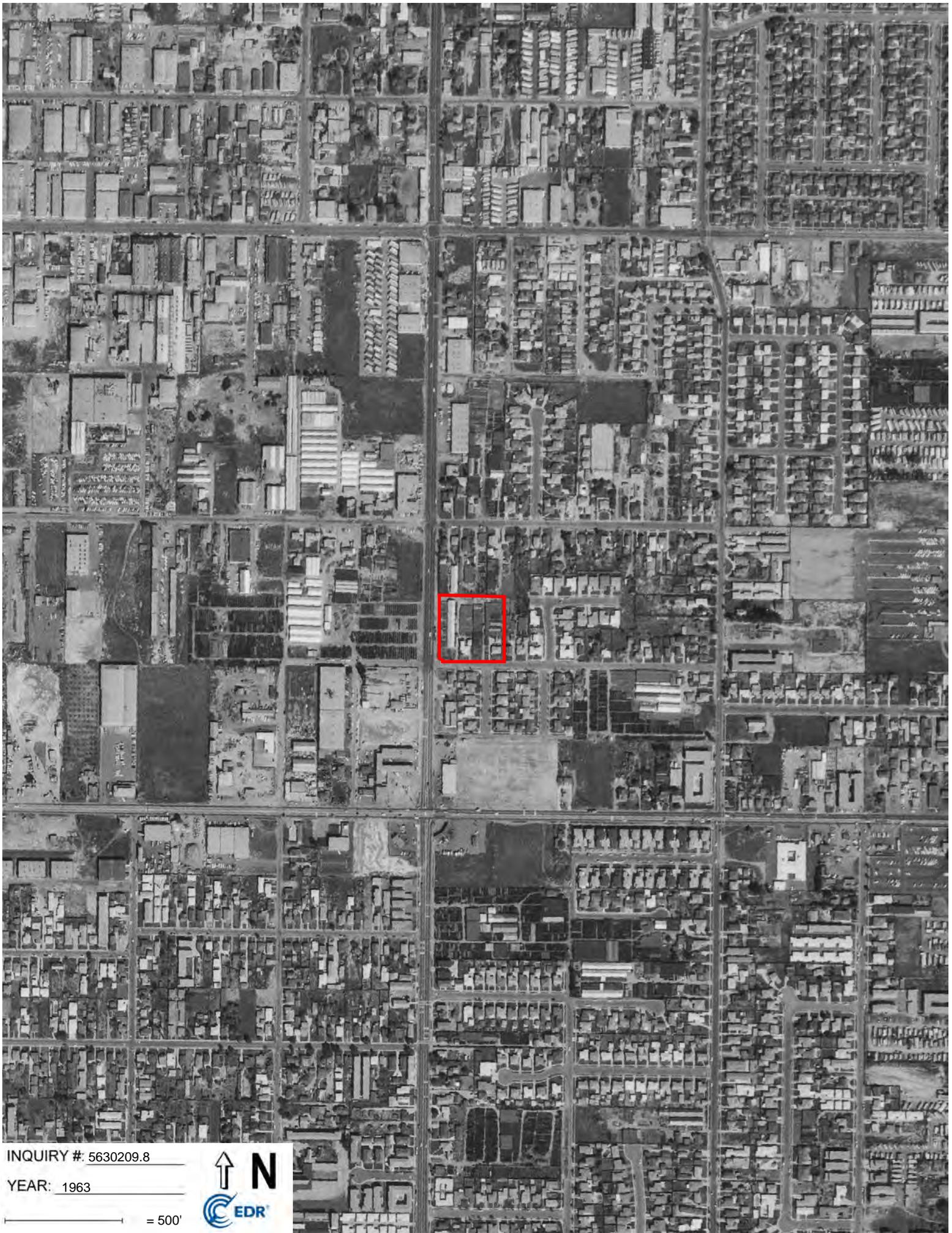


INQUIRY #: 5630209.8

YEAR: 1972

— = 500'





INQUIRY #: 5630209.8

YEAR: 1963

— = 500'





INQUIRY #: 5630209.8

YEAR: 1952

— = 500'



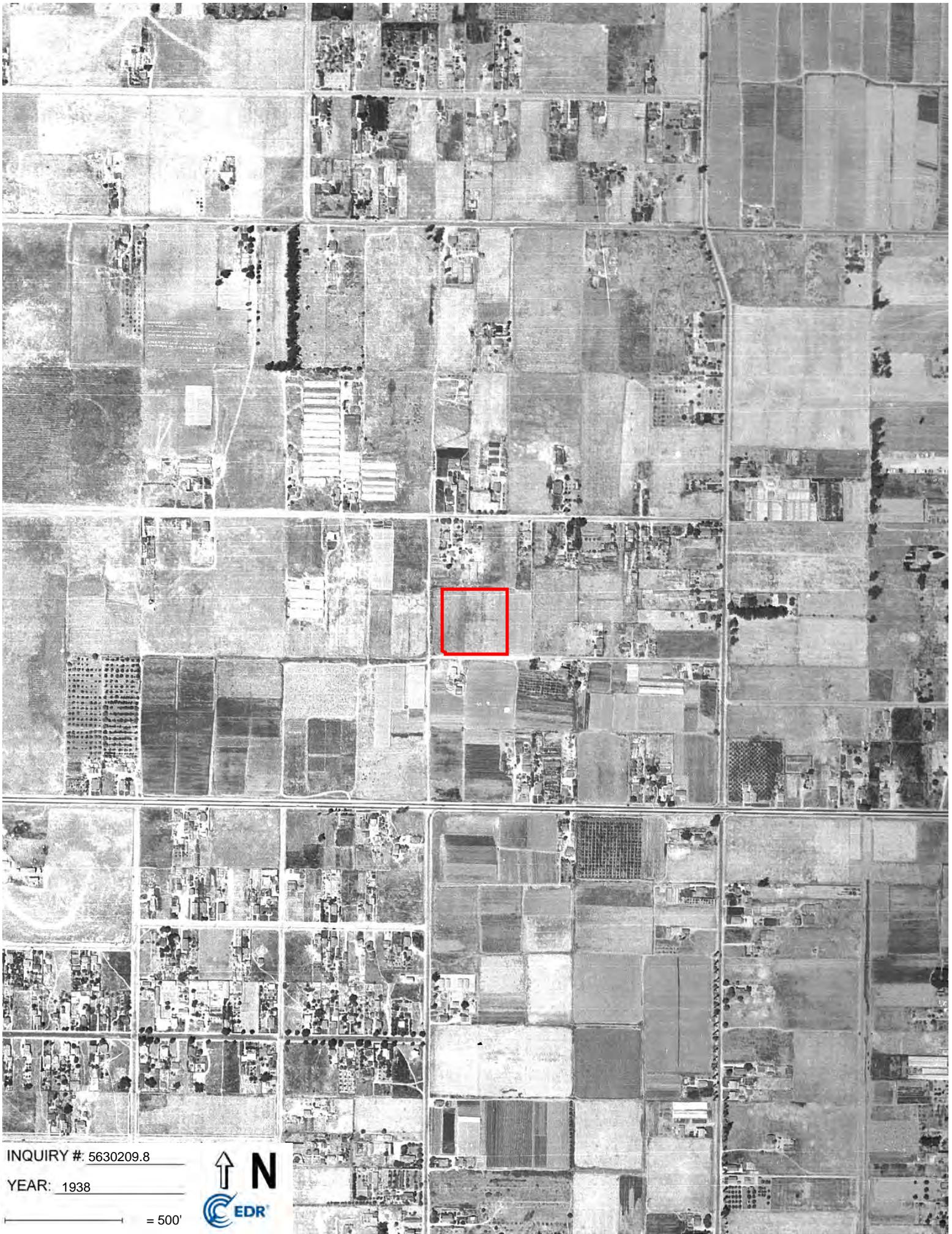


INQUIRY #: 5630209.8

YEAR: 1947

— = 500'





INQUIRY #: 5630209.8

YEAR: 1938

— = 500'



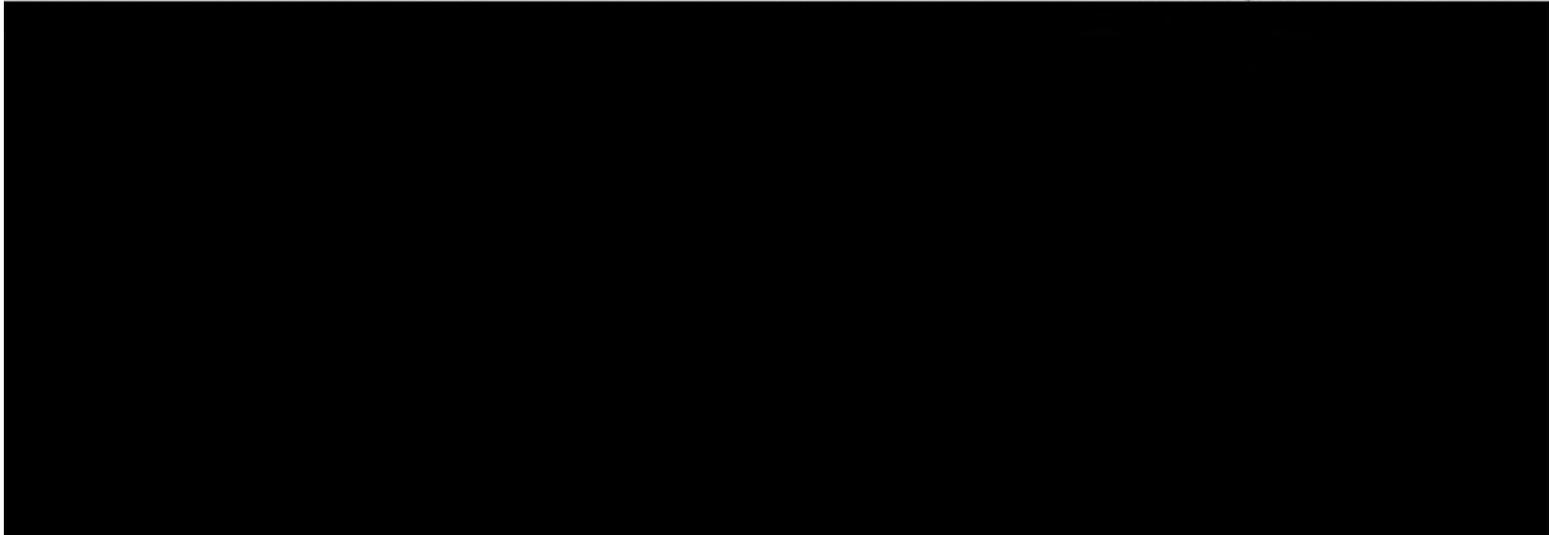


INQUIRY #: 5630209.8

YEAR: 1928

— = 500'





**1341 W 141st Street**

1341 W 141st Street  
Gardena, CA 90247

Inquiry Number: 5630209.5  
April 24, 2019

# The EDR-City Directory Abstract

## TABLE OF CONTENTS

### SECTION

Executive Summary

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City Directory Images

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

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## EXECUTIVE SUMMARY

### DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

### RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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Data by

**infoUSA**<sup>®</sup>

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### RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
2014	EDR Digital Archive	X	X	X	-
2010	EDR Digital Archive	X	X	X	-
2006	Haines Company	-	-	-	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	X	X	-
	Haines & Company, Inc.	X	X	X	-
2000	Pacific Bell Telephone	-	-	-	-
1999	Haines Company	-	-	-	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
1970	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	-	-	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
	Pacific Telephone and Telegraph Company	-	X	X	-
	Pacific Telephone and Telegraph Company	X	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	X	X	-
	R. L. Polk & Co.	X	X	X	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Los Angeles Directory Co Publishers	-	-	-	-
1950	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	X	X	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	-	-	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	-	-	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Co.	-	X	X	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
1928	Los Angeles Directory Co.	-	X	X	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

## EXECUTIVE SUMMARY

### SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

<u>Address</u>	<u>Type</u>	<u>Findings</u>
1337 W 141st Street	Client Entered	
1343 W 141st Street	Client Entered	
1335 W 141st Street	Client Entered	X
1355 W 141st Street	Client Entered	

## FINDINGS

### TARGET PROPERTY INFORMATION

#### ADDRESS

1341 W 141st Street  
Gardena, CA 90247

#### FINDINGS DETAIL

Target Property research detail.

#### W 141ST PL

##### 1335 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	GRO-RITE NURSERY	Pacific Telephone
	INOUYE A E GRO-RLTE NURSERY	Pacific Telephone
1954	GRO-RITE NURSERY	R. L. Polk & Co.
	INOUYE A E GRO-RITE NURSERY	R. L. Polk & Co.
1950	O ENNURSERY	Pacific Telephone

##### 1341 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	LLOYD S NURSERY	Pacific Telephone
1957	NAKAYAMNA LLOYD-OAVIS	Pacific Telephone
1954	NAKAYAMA LLOYD	R. L. Polk & Co.

#### W 141ST ST

##### 1335 W 141ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	RUSSODeolrnda	Haines & Company, Inc.
1985	INOUYE A E	Pacific Bell
1980	INOUYE A E	Pacific Telephone
1975	INOUYE A E	Pacific Telephone
1970	INOUYE A E	Pacific Telephone
1964	INOUYE A E	Pacific Telephone
1960	GRORITE NURSERY	Pacific Telephone
	INOUYE A E GRO-RITE NURSERY	Pacific Telephone

## FINDINGS

### W 141st St

#### 1341 W 141st St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	LLOYDS NURSERY INC	EDR Digital Archive
2010	LLOYDS NURSERY INC	EDR Digital Archive

### W 141ST ST

#### 1341 W 141ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	LLOYDSNURSERY	Haines & Company, Inc.
1985	LLOYDS NURSERY	Pacific Bell
	NAKAYAMA LLOYD T	Pacific Bell
1980	NAKAYAMA LLOYD T	Pacific Telephone
1975	LLOYDS NURSERY	Pacific Telephone
	NAKAYAMA LLOYD T	Pacific Telephone
1970	NAKAYAMA LLOYD T	Pacific Telephone
1964	NAKAYAMA LLOYD	Pacific Telephone
1960	NAKAYSMA LLOYD	Pacific Telephone

### W 141st Street

#### 1335 W 141st Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	RUSSODeolrnda	Haines & Company, Inc.
1985	INOUYE A E	Pacific Bell
1980	INOUYE A E	Pacific Telephone
1975	INOUYE A E	Pacific Telephone
1970	INOUYE A E	Pacific Telephone
1964	INOUYE A E	Pacific Telephone
1960	GRORITE NURSERY	Pacific Telephone
	INOUYE A E GRO-RITE NURSERY	Pacific Telephone
1957	GRO-RITE NURSERY	Pacific Telephone
	INOUYE A E GRO-RLTE NURSERY	Pacific Telephone
1954	GRO-RITE NURSERY	R. L. Polk & Co.
	INOUYE A E GRO-RITE NURSERY	R. L. Polk & Co.
1950	O ENNURSERY	Pacific Telephone

## FINDINGS

1337 W 141st Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
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1343 W 141st Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
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1355 W 141st Street

<u>Year</u>	<u>Uses</u>	<u>Source</u>
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## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### 139TH W

##### 1320 139TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	ELMORE O B	Pacific Bell
1990	ELMORE O B	Pacific Bell

##### 1330 139TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	EDELMAN DAVID	Pacific Bell

##### 1334 139TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	124 MIZERA PAUL F	Pacific Bell

##### 1335 139TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	101 BAKER JOE E	Pacific Bell
	103 TRAN DINH VAN	Pacific Bell
	104 EPIFANO MICHAEL	Pacific Bell
	105 FACTS & FIGURES CITYWATCH	Pacific Bell
	239 COATE WM O	Pacific Bell
	133 MARTIN MARK T	Pacific Bell
	139 REYES JOSE F	Pacific Bell
	114 WORRELL ROBERT & MARY ANN	Pacific Bell
	218 BRISTER CHARLES	Pacific Bell
	204 TRAN DU	Pacific Bell
1990	102 BAKER ADRIAN	Pacific Bell
	101 BAKER JOE E	Pacific Bell
	105 FACTS & FIGURES	Pacific Bell
	111 CUTLER V	Pacific Bell
	113 STEWART L	Pacific Bell
	114 WORRELL ROBERT & MARY ANN	Pacific Bell
	133 MARTIN MARK T	Pacific Bell
	135 STEWART ALLAN D	Pacific Bell
	136 PAUL S	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	139 REYES JOSE F	Pacific Bell
	204 CHOW JOHN	Pacific Bell
	206 ZITKO JOHN	Pacific Bell
	230 ERDELLAN IVAN	Pacific Bell
	236 KIM SUNG MOO	Pacific Bell

### 1338 139TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	TAKATA NURSERY	Pacific Bell
1990	TAKATA NURSERY	Pacific Bell
	EDELMAN RAYMOND DAVID	Pacific Bell

### 1346 139TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	DOHI ALBERT R	Pacific Bell
1990	DOHI ALBERT R	Pacific Bell

### 1350 139TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GONZALEZ PEDRO JR	Pacific Bell
	GONZALEZ PEDRO JR	Pacific Bell

### 1360 139TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	A UNIVERSAL LINK COMPANY OF AMERICA	Pacific Bell

### 140TH W

#### 1252 140TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	TANAKA E	Pacific Bell
1990	TANAKA E	Pacific Bell

#### 1256 140TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	NAKAMURA MASASHI	Pacific Bell
1990	INDUSTRIAL LANDSCAPE	Pacific Bell
	NAKAMURA MASASHI	Pacific Bell

## FINDINGS

### 1257 140TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MEKARU CLIFFORD K	Pacific Bell

### 1265 140TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	AOYAMA M	Pacific Bell

### 1305 140TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	KATO PAUL S	Pacific Bell
1990	KATO PAUL S	Pacific Bell

### 1313 140TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	KOMATSU AIKE G	Pacific Bell
1990	KOMATSU AIKE G	Pacific Bell

### 1314 140TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MATSUMOTO JACK S	Pacific Bell

### 1317 140TH W

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	TRAN NGHIA T	Pacific Bell
1990	TRAN NGHIA T	Pacific Bell

## BRIGHTON AVE

### 14066 BRIGHTON AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1942	Behne Fremont Lottie	Los Angeles Directory Co.

## Brighton Ave

### 14103 Brighton Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	BEST PACKING SUPPLY INC	EDR Digital Archive
	PAPER OPTIONS	EDR Digital Archive
	BEST PACKING SUPPLY INC	EDR Digital Archive
	PAPER OPTIONS	EDR Digital Archive

## FINDINGS

### **BRIGHTON AVE**

#### **14103 BRIGHTON AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2001	BACKGROUNDSTO	Haines & Company, Inc.
1995	BEST PAPER CO	Pacific Bell
	Best Packing Supply	Pacific Bell
	Best Paper Co	Pacific Bell
1990	BEST PAPER CO GARDENA	Pacific Bell
	BEST PACKING SUPPLY GARDENA	Pacific Bell
	BEST PAPER CO	Pacific Bell
1986	BEST PACKING SUPPLY GARDENA	Pacific Bell
	BEST PAPER CO GARDENA	Pacific Bell
	V I P PACKING INC GARDENA	Pacific Bell
1985	V I P PACKING INC	Pacific Bell
	BEST PAPER CO	Pacific Bell
	BEST PACKING SUPPLY	Pacific Bell
1975	GRAND MANOR	Pacific Telephone
	DAVIS & SONS POWER SWEEPING SERVICE	Pacific Telephone
	COLONIAL HOUSE FURNITURE MFRS	Pacific Telephone

### **Brighton Ave**

#### **14107 Brighton Ave**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2014	HANKOOK TRADING INC	EDR Digital Archive
	DDIS INC	EDR Digital Archive
	HANKOOK INTERNATIONAL INC	EDR Digital Archive
	HANKOOK TRADING INC	EDR Digital Archive
	DDIS INC	EDR Digital Archive
	HANKOOK INTERNATIONAL INC	EDR Digital Archive
2010	HANKOOK INTERNATIONAL INC	EDR Digital Archive
	H2O USA	EDR Digital Archive
	DDIS INC	EDR Digital Archive
	HANKOOK INTERNATIONAL INC	EDR Digital Archive
	H2O USA	EDR Digital Archive
	DDIS INC	EDR Digital Archive

## FINDINGS

### **BRIGHTON AVE**

#### **14107 BRIGHTON AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ANGELSTEXTILES	Haines & Company, Inc.
1995	ANGELS TEXTILES	Pacific Bell
	Angels Textiles	Pacific Bell

#### **14109 BRIGHTON AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines & Company, Inc.
1995	SIGLA FURNITURE	Pacific Bell
	Sigla Furniture	Pacific Bell
	Manoch Internatl Imports Inc	Pacific Bell
1990	CHEMRITE PLANT	Pacific Bell
1985	ARCHITECTURL SOURCES INC	Pacific Bell
1976	Creative Mfg Co Inc	Pacific Telephone

#### **14214 BRIGHTON AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	HOCam Ti	Haines & Company, Inc.

### **Brighton Ave**

#### **14216 Brighton Ave**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CRUZ CONTROL AUTO REPAIR	EDR Digital Archive
	CRUZ CONTROL AUTO REPAIR	EDR Digital Archive

### **BRIGHTON AVE**

#### **14216 BRIGHTON AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Adanac Industries Div	Pacific Telephone
1975	ADANAC INDUSTRIES DIV	Pacific Telephone

### **DEANNA CT**

#### **14100 DEANNA CT**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SAPODACA Helen	Haines & Company, Inc.

## FINDINGS

### 14101 DEANNA CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	DUNGANh	Haines & Company, Inc.

### 14106 DEANNA CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SFAJARDORu lh	Haines & Company, Inc.
1990	SHAH PILIP	Pacific Bell

### 14107 DEANNA CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	RODRIGUEZEmillo	Haines & Company, Inc.

### 14114 DEANNA CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	WILLIAMSMichael	Haines & Company, Inc.
1990	MILLER P E	Pacific Bell

### 14115 DEANNA CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OTRINHS uang	Haines & Company, Inc.
1990	TRINH TU QUANG	Pacific Bell

### 14186 DEANNA CT

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Ruffin P	Pacific Bell

### MARIPOSA AVE S

#### 14104 MARIPOSA AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	OKUMOTO HIDEO	Pacific Bell

#### 14108 MARIPOSA AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	KOCHUYAMA JINNY	Pacific Bell

#### 14109 MARIPOSA AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	ITO YOSHIO	Pacific Bell
1990	ITO YOSHIO	Pacific Bell

## FINDINGS

### 14115 MARIPOSA AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	HAYASHI SAKAE	Pacific Bell
1990	HAYASHI SAKAE	Pacific Bell

### 14116 MARIPOSA AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	LEE PETER GU	Pacific Bell

### N NORMANDIE AVE

#### 14281 N NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	MALOUMIAN BADRIK	Pacific Telephone

### NORMANDIE AVE

#### 14003 NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1931	Johnson M C Mr	Los Angeles Directory Co.

#### 14215 NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	ANDERSON CLARENCE GARDENA	Pacific Bell

### NORMANDIE AVE S

#### 13890 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	CONTINENTAL CUISINE	Pacific Bell
1990	CONTINENTAL CUISINE	Pacific Bell

#### 13921 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	234 LOWE JESSE J	Pacific Bell
	104 LIGHTFOOT MIYOKO	Pacific Bell
	115 GALVEZ VERONICA	Pacific Bell
	117 FLEISCHMAN WILLIAM	Pacific Bell
	119 ANDERSON CECIL RAY	Pacific Bell
	124 BURGUENO ARNULFO H	Pacific Bell
	129 WARD MARGARINE	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	133 POINSETTIA GARDENS APARTMENT MOTEL	Pacific Bell
	213 SAGER S	Pacific Bell
1990	MGR POINSETTIA GARDENS APARTMENT MOTEL	Pacific Bell
	104 BOONE GEORGE	Pacific Bell
	111 MA JAMES	Pacific Bell
	113 WONG FLORENCE	Pacific Bell
	117 FLEISCHMAN WILLIAM	Pacific Bell
	128 COPELAND BRIAN K	Pacific Bell
	131 KOVAR DENNIS	Pacific Bell
	201 ZIMMERMAN B	Pacific Bell
	202 TANAKA KATHIE	Pacific Bell
	207 HILL MICHAEL R	Pacific Bell
	209 MOSBEY R	Pacific Bell
	213 SEVER J	Pacific Bell
	214 LIGHTFOOT MIYOKO	Pacific Bell
	215 THOMAS ARCHIE	Pacific Bell
	227 NICHOLS CLAUD & JOYCE	Pacific Bell
	236 FISHER R A	Pacific Bell

### 14011 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ON TARGET ADVERTISING	Pacific Bell

### 14083 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	TECHNOMOTION	Pacific Bell
	ARVAN INC	Pacific Bell
	DAFAX ARVAN INC	Pacific Bell

### 14105 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	CORNERSTONE CONCRETE PUMPING CO	Pacific Bell
	PEARMAN & SON INC	Pacific Bell
1990	PEARMAN & SON INC	Pacific Bell
	CORNERSTONE CONCRETE PUMPING CO	Pacific Bell
	PEARMAN & SON INC	Pacific Bell

## FINDINGS

### 14116 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	CIRCLE OF JOY BIBLE CHURCH	Pacific Bell
1990	EL BUEN SAMARITANO IGLESIA CHRISTIANA	Pacific Bell

### 14118 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	ANGELES PRIVATE SECURITY	Pacific Bell
1990	MORRIS REGINALD PROTECTION ACCY	Pacific Bell

### 14120 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	P & C INTERIORS	Pacific Bell
1990	C & S CUSTOM MADE CUSHIONS	Pacific Bell

### 14122 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	EL BUEN SAMARITANO IGLESIA CHRISTIANA	Pacific Bell
1990	LOVE OF GOD CHURCH THE	Pacific Bell

### 14215 NORMANDIE AVE S

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	157 ANDERSON CLARENCE	Pacific Bell
	ROSE GARDEN VILLA BOARD AND CARE	Pacific Bell
	ROSE GARDEN BOARD AND CARE HOME	Pacific Bell

### RAYMOND AVE

#### 14004 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OUANShrley	Haines & Company, Inc.
1976	Quan Jack	Pacific Telephone

#### 14008 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	TOMIKAWAKiyoshi G	Haines & Company, Inc.
1995	TOMIKAWA KIYOSHI G	Pacific Bell
	Tomikawa Kiyoshi G	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	TOMIKAWA KIYOSHI G	Pacific Bell
1985	TOMIKAWA KIYOSH T G	Pacific Bell

### 14012 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	SHIMANE HELENE	Pacific Bell
	SHIMANE SAM	Pacific Bell

### 14060 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	FOJITAFrank	Haines & Company, Inc.

### 14100 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	IDEN PAUL W	Pacific Telephone
1975	IDEN PAUL W	Pacific Telephone

### 14101 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	JACOBS FRED C	Pacific Telephone

### 14104 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	LOZArturo	Haines & Company, Inc.

### 14105 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	HORSFIELD EDW A	Pacific Telephone
1975	HORSFIELD EDW A	Pacific Telephone

### 14108 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ACOBAGeorge	Haines & Company, Inc.
1995	Acoba Geo	Pacific Bell
	ACOBA GEO	Pacific Bell
1990	ACOBA GEO	Pacific Bell
1985	ACOBA GEO	Pacific Bell
1980	ACOBA GEO	Pacific Telephone

## FINDINGS

### 14109 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	LEUTam	Haines & Company, Inc.
	PRIBTORbare	Haines & Company, Inc.

### 14112 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	HUYNHTong	Haines & Company, Inc.
1980	HUYNH TONG T	Pacific Telephone

### 14113 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	BIRLWrton	Haines & Company, Inc.

### 14116 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines & Company, Inc.
1985	PEREGRIN JOS	Pacific Bell
1980	PEREGRIN JOS	Pacific Telephone

### 14117 RAYMOND AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	LOVATOKelle	Haines & Company, Inc.
1995	Kojaku Fred	Pacific Bell
	KOJAKU FRED	Pacific Bell
1990	KOJAKU FRED	Pacific Bell
1985	KOJAKU FRED	Pacific Bell
1980	KOJAKU FRED	Pacific Telephone
1975	KOJAKU FRED	Pacific Telephone

### S MARIPOSA AVE

#### 14100 S MARIPOSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	ASO GEO	Pacific Telephone
1964	ASO GEO	Pacific Telephone
	COLLINS ISABELLE	Pacific Telephone
1960	RUSSELL W A REV	Pacific Telephone
	ASO GEO	Pacific Telephone
1957	ASO GEO	Pacific Telephone
	HEISSKY AINIA	Pacific Telephone

## FINDINGS

### 14101 S MARIPOSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	TAKEUCHITokuyasu	Haines & Company, Inc.
1964	NAKAUCHI RICHARD E	Pacific Telephone
1960	NAKAUCHI RICHARD E	Pacific Telephone

### 14103 S MARIPOSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	HELIN JOE	Pacific Telephone
1954	HEFLIN JOE	R. L. Polk & Co.

### S Mariposa Ave

#### 14104 S Mariposa Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	HOMEPRIDE INVESTMENTS INC	EDR Digital Archive
	HOMEPRIDE INVESTMENTS INC	EDR Digital Archive

### S MARIPOSA AVE

#### 14104 S MARIPOSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	RATLIFFPBobby	Haines & Company, Inc.
1985	OKUMOTO HIDEO	Pacific Bell
1980	OKUMOTO HIDEO	Pacific Telephone
1975	OKUMOTO HIDEO	Pacific Telephone
1960	OKUMOTO HIDEO	Pacific Telephone
1957	OKUMETO HLDEO	Pacific Telephone

#### 14105 S MARIPOSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	DELACRUZRaul	Haines & Company, Inc.
1981	MURAGISHI TED S GARDENA	Pacific Telephone
1976	Muragishi Ted S	Pacific Telephone
1975	MURAGISHI TED S	Pacific Telephone
1964	MURAGISHI TED S	Pacific Telephone
1960	MURAGISHL TED S	Pacific Telephone
1957	MURAGISHI TED S	Pacific Telephone

## FINDINGS

### 14106 S MARIPOSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	CONTRERAS IGNACIO	Pacific Telephone
1960	CONTRERAS IGNACIO	Pacific Telephone
1957	PERKINS LEONARD M	Pacific Telephone

### 14108 S MARIPOSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	VASQUEZEugene	Haines & Company, Inc.
1964	AGUILAR JESSIE R	Pacific Telephone
	YOGI JOHN	Pacific Telephone
1960	YOGI JOHN	Pacific Telephone
1957	YOGI JOHN	Pacific Telephone

### 14109 S MARIPOSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	WARE Reginald	Haines & Company, Inc.
1985	ITO YOSHIO	Pacific Bell
1964	YOTA ISAO	Pacific Telephone
1960	YOTA ISAO	Pacific Telephone
1957	YOTA ISAO	Pacific Telephone

### 14111 S MARIPOSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Kennedy Terence	Pacific Bell
1985	KENNEDY TERENCE	Pacific Bell
1980	KENNEDR Y TERENCE	Pacific Telephone
1975	KENNEDY TERENCE	Pacific Telephone
1960	MATSUDA JOHN	Pacific Telephone
1957	MATSUDA JOHN	Pacific Telephone

### 14112 S MARIPOSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	VILLACORTAG	Haines & Company, Inc.
1964	TACULOG VINECA E	Pacific Telephone
1960	TACULOG VINECA E	Pacific Telephone
1957	TACULOG VINECA E	Pacific Telephone

### 14115 S MARIPOSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ARMOR Norvel	Haines & Company, Inc.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Hayashi Sakae	Pacific Bell
1985	HAYASHI TOMIO	Pacific Bell
1980	HAYASHI TOMBO	Pacific Telephone
1975	HAYASHI TOMIBO	Pacific Telephone
1964	AIHARA TORY	Pacific Telephone
1960	AIHARA TORY	Pacific Telephone
1957	AIHARA TORY	Pacific Telephone
	MOORE FLOY MRS	Pacific Telephone

### 14116 S MARIPOSA AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	BRYANTTnna	Haines & Company, Inc.
1995	Lee Peter Gu	Pacific Bell
1964	MITSUHATA GEO	Pacific Telephone
1960	MITSUHATA GEO	Pacific Telephone
1957	MITSUHATA GEO	Pacific Telephone

### S Normandie Ave

#### 13825 S Normandie Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	FROGGYS BAR & GRILL INC	EDR Digital Archive
	BLUE SKYE RESTAURANT & BAR	EDR Digital Archive
	BLUE SKYE RESTAURANT & BAR	EDR Digital Archive
	FROGGYS BAR & GRILL INC	EDR Digital Archive
2010	EVIL YVETTE INC	EDR Digital Archive
	BLUE SKYE RESTAURANT & BAR	EDR Digital Archive
	BLUE SKYE RESTAURANT & BAR	EDR Digital Archive
	EVIL YVETTE INC	EDR Digital Archive

#### 13890 S Normandie Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	LICON JESUS	EDR Digital Archive
	CONTINENTAL CUISINE	EDR Digital Archive
	LICON JESUS	EDR Digital Archive
	CONTINENTAL CUISINE	EDR Digital Archive

## FINDINGS

### **S NORMANDIE AVE**

#### **13890 S NORMANDIE AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	CONTLCUISINE	Haines & Company, Inc.
1995	Continental Cuisine	Pacific Bell
1985	CONTINENTAL CUISINE	Pacific Bell

### **S Normandie Ave**

#### **13921 S Normandie Ave**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	VERONICA CASTILLO	EDR Digital Archive
	VERONICA CASTILLO	EDR Digital Archive

### **S NORMANDIE AVE**

#### **13921 S NORMANDIE AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	RNEOSZordelh	Haines & Company, Inc.
	POINSETTIA GARDENS AOUALI TMohammed	Haines & Company, Inc.
1995	Andrade Guadalupe	Pacific Bell
	Burgueno Arnulfo H	Pacific Bell
	Culpepper Johnny	Pacific Bell
	Fleischman William	Pacific Bell
	Fowler Byron	Pacific Bell
	Galvez Veronica	Pacific Bell
	Poinsettia Gardens Apartment Motel	Pacific Bell
	Sever J	Pacific Bell
1985	CATZ C J	Pacific Bell
	COSTA THETA	Pacific Bell
	DIXON R G	Pacific Bell
	FLEISCHMAN WILLIAM	Pacific Bell
	HARIKAE MIEKO	Pacific Bell
	HENLEY R J	Pacific Bell
	HOFFMANN JOHN G	Pacific Bell
	HULL THOS E	Pacific Bell
	KOBATA GERALD	Pacific Bell
	MEHALCHICK MITSU	Pacific Bell
	NGUYEN DUNG	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	PLANKS C	Pacific Bell
	POINSETTIA GARDENS APARTMENT MOTEL	Pacific Bell
	POINTSETTIA TOURS	Pacific Bell
	ROBINSON WAYNE	Pacific Bell
	SMITH RAY	Pacific Bell
	SULLIVAN EUGENE J	Pacific Bell
	TOMINAGA TOSHIKO	Pacific Bell
	TOUSIGNANT CYNDI	Pacific Bell
	TSUCHIYAMA YOSHINOBU	Pacific Bell
	VAN DEN HEVEL JUDITH P	Pacific Bell
1980	COSTA THETA	Pacific Telephone
	DIA-PLASTICS OF CALIF INC	Pacific Telephone
	FLEISCHMAN WILLIAM	Pacific Telephone
	FUKUI TASUKU	Pacific Telephone
	HEE ROGER	Pacific Telephone
	IMAI TADASHI	Pacific Telephone
	ITO TOSHIYUKI	Pacific Telephone
	KATO YUJI	Pacific Telephone
	KONTA YUKIO	Pacific Telephone
	MASON JAS H	Pacific Telephone
	MEADOR J J	Pacific Telephone
	NEGISHI SHIGEMITSU	Pacific Telephone
	ORTEGA ALARICO L	Pacific Telephone
	POINSETTIA GARDENS APARTMENT MOTEL	Pacific Telephone
	LIGHTFOOT MIYOKO GARDENA	Pacific Telephone
	1975	FUKUDA SHIGERU
HO WAI		Pacific Telephone
LEVY HYMAN		Pacific Telephone
MCCULLOCH T L		Pacific Telephone
OHATA MASAE		Pacific Telephone
POINSETTIA GARDENS APARTMENT MOTEL		Pacific Telephone
1970	BOOTH WM E	Pacific Telephone
	CAREY MARY C	Pacific Telephone
	CARTER STANLEY J	Pacific Telephone
	HANSON ALVIN	Pacific Telephone
	HAYWARD FRED C	Pacific Telephone
	OHATA MASAE	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	POINSETTIA GARDENS APARTMENT MOTEL	Pacific Telephone
	STENBENG A	Pacific Telephone
	TERAO SABURO	Pacific Telephone
	TSUHUYAMA TOSHIRO	Pacific Telephone
1964	RYNNE JOHN F	Pacific Telephone
	SMITH RAY L	Pacific Telephone
	VON SZANKOWSKA HELENE F	Pacific Telephone
	POINSETTA GARDENS APT MODEL GARDENA	Pacific Telephone
	BROWN PAUL	Pacific Telephone

### 14003 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines & Company, Inc.
1928	JESOS ESPINOZA (MARIA) LAB H	Los Angeles Directory Co.

### 14011 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines & Company, Inc.
1985	VOLT TEMPORARY SERVICES	Pacific Bell
	VOLT TEMPORARY SERVICES	Pacific Bell
	VOLTELCON	Pacific Bell
1981	DAIWA CORP GARDENA	Pacific Telephone
1980	DAIWA CORP OF CALIF	Pacific Telephone
	DAIWA CORP	Pacific Telephone
1976	Daiwa Fiberglass Skis	Pacific Telephone
	DAIWA CORP	Pacific Telephone
1975	DAIWA CORP OF CALIF	Pacific Telephone
	DAIWA CORP	Pacific Telephone

### S Normandie Ave

#### 14083 S Normandie Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ARVAN INC	EDR Digital Archive
	US INDUSTRIAL TOOL AND SUP	EDR Digital Archive
	ARVAN INC	EDR Digital Archive
	US INDUSTRIAL TOOL AND SUP	EDR Digital Archive
2010	US INDUSTRIAL TOOL & SUPPLY CO	EDR Digital Archive

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	ARVAN INC	EDR Digital Archive
	TECHNOMOTION	EDR Digital Archive
	US INDUSTRIAL TOOL & SUPPLY CO	EDR Digital Archive
	TECHNOMOTION	EDR Digital Archive
	ARVAN INC	EDR Digital Archive

### S NORMANDIE AVE

#### 14083 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ARVANINC	Haines & Company, Inc.
1995	Dafax Arvan Inc	Pacific Bell
	Technomotion	Pacific Bell
	Arvan Inc	Pacific Bell

### S Normandie Ave

#### 14105 S Normandie Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	KUBRA AMERICA WEST INC	EDR Digital Archive
	KUBRA AMERICA WEST INC	EDR Digital Archive
2010	KUBRA AMERICA WEST INC	EDR Digital Archive
	WORLD SERVICE WEST	EDR Digital Archive
	WORLD SERVICE WEST	EDR Digital Archive
	KUBRA AMERICA WEST INC	EDR Digital Archive

### S NORMANDIE AVE

#### 14105 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines & Company, Inc.
1995	Cornerstone Concrete Pumping Co	Pacific Bell
	Pearman & Son Inc	Pacific Bell
1991	Pearman & Son Inc	Pacific Bell
1990	PEARMAN & SON INC GARDENA	Pacific Bell
1986	PEARMAN & SON READY MIXED CONCRT GARDENA	Pacific Bell
1985	PEARMAN & SON READY MIXED CONCRT	Pacific Bell
1981	PEARMAN & SON READY MIXED CONCRT GARDENA	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	PEARMAN & SON REEDY MIXED CONCRT	Pacific Telephone
1976	PEARMAN & SON ready mixed concr	Pacific Telephone
1975	PEARMAN & SON READY MIXED CONCRT	Pacific Telephone
1970	PEARMAN & SON READY MIXED CONCRETE	Pacific Telephone
	PEARMAN & SON READY MIXED CONCRETE	Pacific Telephone
1964	PEARMAN & SON READY MIXED CONCRETE	Pacific Telephone
	PEARMAN & SON READY MIXED CONCRETE	Pacific Telephone
1960	PEARMAN LACY S	Pacific Telephone
	PEARMAN LACY S	Pacific Telephone
1958	Pearman & Son concrete	Pacific Telephone
1957	PEARMAN & SON CONCRETE	Pacific Telephone
	PEARMAN & SON CONCRETE	Pacific Telephone

### **S Normandie Ave**

#### **14114 S Normandie Ave**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	A&M TOBACCO MARKET	EDR Digital Archive
	A&M TOBACCO MARKET	EDR Digital Archive

### **S NORMANDIE AVE**

#### **14114 S NORMANDIE AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OLEBEMelvm	Haines & Company, Inc.
1986	PAT S BEAUTY SUPPLIES GARDENA	Pacific Bell
1964	UNCLE JOE S BROASTER	Pacific Telephone

#### **14116 S NORMANDIE AVE**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	CIRCLEOFJOYBIBLE	Haines & Company, Inc.
1995	Circle Of Joy Bible Church	Pacific Bell
1985	KRUPNICK BOB	Pacific Bell
	GREAT WESTERN HOME IMPROVEMENT CENTER INC	Pacific Bell

## FINDINGS

### 14118 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines & Company, Inc.
1995	Angeles Private Security	Pacific Bell
	Sims William	Pacific Bell
1990	MORRIS REGINALD PROTECTION AGCY GARDENA	Pacific Bell
1985	MORRIS REGINALD PROTECTION AGCY	Pacific Bell
	MORRIS REGINALD PROTECTION AGENCY	Pacific Bell
1980	GONZALEAS BAR	Pacific Telephone
1970	STYLE TONE CLEANERS	Pacific Telephone

### S Normandie Ave

#### 14120 S Normandie Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	VICTORY IN CHRIST CHRISTIAN	EDR Digital Archive
	VICTORY IN CHRIST CHRISTIAN	EDR Digital Archive

### S NORMANDIE AVE

#### 14120 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	VICTORY IN CHRIST	Haines & Company, Inc.
1995	C & S Custom Made Cushions	Pacific Bell
1985	C & S CUSTOM MADE CUSHIONS	Pacific Bell
1980	C & S CUSTOM MADE CUSHIONS	Pacific Telephone
1975	FINES ELECTRONIC SUPPLY CO	Pacific Telephone
1970	MR T J S HAIR FASHIONS	Pacific Telephone
	T J S HAIR FASHIONS GARDENA	Pacific Telephone
1964	TROPIC CLEANERS GARDENA	Pacific Telephone

#### 14122 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ELBUEN	Haines & Company, Inc.
1995	El Buen Samaritano Iglesia Christiana Pentecostal	Pacific Bell
1985	BAP-GEON IMPORTED CAR & TRUCK PARTS	Pacific Bell
	GEON AUTOMOTIVE INC BAP GEON IMPORTED CAR & TRUCK PARTS	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BAP-GEON IMPORTED CAR & TRUCK PARTS TEMPLE CITY	Pacific Telephone
1980	BAP GEON IMPORTED CAR & TRUCK PARTS	Pacific Telephone
	GEON AUTOMOTIVE INC	Pacific Telephone
1975	BAP-GEON IMPORTED CAR PARTS	Pacific Telephone
1964	UNION SERV PLAN PHARMACY	Pacific Telephone

### 14215 S NORMANDIE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ANDERSON CLARENCE GARDENA	Pacific Bell
	ROSE GARDEN BOARD AND CARE HOME GARDENA	Pacific Bell
1986	ROSE GARDEN BOARD AND CARE HOME GARDENA	Pacific Bell
1985	CAVNESS ADELAIDA	Pacific Bell
	ROSE GARDEN BOARD AND CARE HOME	Pacific Bell
	ANDERSON CLARENCE	Pacific Bell
1981	ROSE GARDEN BOARD AND CARE HOME GARDENA	Pacific Telephone
	ROSE GARDEN VILLA BOARD AND CARE HOME GARDENA	Pacific Telephone
	ANDERSON CLARENCE GARDENA	Pacific Telephone
1980	BRIGHT SIDE CENTER	Pacific Telephone
	ANDERSON CLARENCE	Pacific Telephone
1976	Lawrence Le Roy M	Pacific Telephone
	Ros Nor Hotel & Villa	Pacific Telephone
1975	BOWMAN HELEN C	Pacific Telephone
	BOWMAN CHARLES S	Pacific Telephone
1970	ROS NOR HOTEL & VILLA &	Pacific Telephone
	KILLWORTH HELEN C	Pacific Telephone
1964	ROSENOR VILLA	Pacific Telephone
	ROSENOR VILLA	Pacific Telephone
1950	BINKAL RUBY F R	Pacific Telephone

### S Raymond Ave

#### 14109 S Raymond Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	POLYNESIAN SOCIETY INC	EDR Digital Archive
	POLYNESIAN SOCIETY INC	EDR Digital Archive

## FINDINGS

### **S RAYMOND AVE**

#### **14109 S RAYMOND AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1960	LASSO JAS P	Pacific Telephone
1957	LASSO JAS P	Pacific Telephone

### **S Raymond Ave**

#### **14116 S Raymond Ave**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
2014	LLENOJ MEDIA INC	EDR Digital Archive
	LLENOJ MEDIA INC	EDR Digital Archive
2010	LRAE PLATINUM INC	EDR Digital Archive
	THREE JAYS CORPORATION	EDR Digital Archive
	LLENOJ MEDIA INC	EDR Digital Archive
	LLENOJ MEDIA INC	EDR Digital Archive
	LRAE PLATINUM INC	EDR Digital Archive
	THREE JAYS CORPORATION	EDR Digital Archive

### **S RAYMOND AVE**

#### **14116 S RAYMOND AVE**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1970	MAYBERRY JOHN K	Pacific Telephone
1964	MAYBERRY JOHN K	Pacific Telephone
1960	MAYBERRY JOHN K	Pacific Telephone

### **W 139TH**

#### **1335 W 139TH**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>
1981	JOHNSON WAYNE A GARDENA	Pacific Telephone
	JOHNSON KEVIN GARDENA	Pacific Telephone
	INSURED DEVELOPERS CO INC GARDENA	Pacific Telephone
1971	Menlo Nursery	Pacific Telephone
	Inouye Minoru Menlo Nursery	Pacific Telephone
1962	Inouye Minoru	Pacific Telephone
	Inouye Mary Ann	Pacific Telephone

## FINDINGS

### W 139th St

#### 1301 W 139th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	HUFFMON GROUP	EDR Digital Archive
	HUFFMON GROUP	EDR Digital Archive

### W 139TH ST

#### 1305 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	TOLSON Clarence	Haines & Company, Inc.
1970	AKIOKA SAM S	Pacific Telephone
1960	ONCDERA RAY C	Pacific Telephone
1957	BECKER PAUL	Pacific Telephone

### W 139th St

#### 1308 W 139th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	LUIS RAMIREZ	EDR Digital Archive
	LUIS RAMIREZ	EDR Digital Archive

#### 1309 W 139th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	WINDSOR TRADING	EDR Digital Archive
	WINDSOR TRADING	EDR Digital Archive

### W 139TH ST

#### 1309 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	BRISCOKeih	Haines & Company, Inc.
1980	COX ALLEN DERRICK	Pacific Telephone

#### 1312 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OLIWANAG Maria	Haines & Company, Inc.
1985	HANS CLARENCE	Pacific Bell
1980	HANS CLARENCE	Pacific Telephone
1975	HANS CLARENCE	Pacific Telephone

## FINDINGS

### 1313 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	NAGATA SAML	Pacific Telephone
1964	NAGATA ROSE	Pacific Telephone
1960	FERRARA RALPH A	Pacific Telephone
1957	FERRARA RALPH A	Pacific Telephone

### 1316 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	0 STEPHANOFFGlenn	Haines & Company, Inc.
1985	EVANS LOY	Pacific Bell
1980	EVANS LOY	Pacific Telephone
1975	EVANS LOY	Pacific Telephone
1970	EVANS IVA	Pacific Telephone
1964	EVANS IVA	Pacific Telephone
1960	EVANS LOY	Pacific Telephone
1957	EVANS LOY	Pacific Telephone
1954	HARRAL JAS E	R. L. Polk & Co.

### 1317 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1980	KOBATA YOSHIO	Pacific Telephone
1975	KOBATA YOSHIO	Pacific Telephone
1970	KOBATA YOSHIO	Pacific Telephone
1964	KOBATA YOSHIO	Pacific Telephone
1960	KOBATA YOSHIO	Pacific Telephone
1957	(OBATA YOSHILO	Pacific Telephone

### 1320 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ELMOREOB	Haines & Company, Inc.
1995	Elmore O B	Pacific Bell
1985	ELMORE O B	Pacific Bell
1980	ELMORE O B	Pacific Telephone
1975	ELMORE OPAL	Pacific Telephone
1970	ELMORE PAUL	Pacific Telephone
1964	ELMORE PAUL	Pacific Telephone
1960	ELMORE PAUL	Pacific Telephone
1954	BENZ ROBT H	R. L. Polk & Co.

## FINDINGS

### 1324 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	CAUSEY Alice	Haines & Company, Inc.
1980	COUSEY J	Pacific Telephone
1960	LYTER C E	Pacific Telephone
1957	LYTER C E	Pacific Telephone
1954	LYTER C E	R. L. Polk & Co.

### 1330 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	KIRTLAND Bertha	Haines & Company, Inc.
1995	Tsundu Nyuma	Pacific Bell
1985	EDELMAN DAVID	Pacific Bell
1970	TSUKASHIMA JACK H	Pacific Telephone
1960	TSUKASHIMA JACK H	Pacific Telephone
1957	TSUKASHLMA JACK H	Pacific Telephone
1954	TSUKASHIMA JACK H	R. L. Polk & Co.
1950	TSUKASHIMNA JACK H R	Pacific Telephone

### W 139th St

#### 1335 W 139th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MANHATTAN PLACE PROPERTIES LLC	EDR Digital Archive
	ACTUALIZED VISIONS INC	EDR Digital Archive
	MANHATTAN PLACE PROPERTIES LLC	EDR Digital Archive
	ACTUALIZED VISIONS INC	EDR Digital Archive
2010	ACTUALIZED VISIONS INC	EDR Digital Archive
	HAIR STUDIO ONE	EDR Digital Archive
	TRANSITIONS 2 SUCCESS	EDR Digital Archive
	AB TRNSP & CHRTR LLC	EDR Digital Archive
	LJH SERVICES	EDR Digital Archive
	ACTUALIZED VISIONS INC	EDR Digital Archive
	HAIR STUDIO ONE	EDR Digital Archive
	TRANSITIONS 2 SUCCESS	EDR Digital Archive
	AB TRNSP & CHRTR LLC	EDR Digital Archive
LJH SERVICES	EDR Digital Archive	

## FINDINGS

### **W 139TH ST**

#### **1335 W 139TH ST**

<b><u>Year</u></b>	<b><u>Uses</u></b>	<b><u>Source</u></b>	
2001	APARTMENTS	Haines & Company, Inc.	
	BAKERJoe E	Haines & Company, Inc.	
	COATEWm O	Haines & Company, Inc.	
	WYATTLawrence E	Haines & Company, Inc.	
1995	Baker Joe E	Pacific Bell	
	Coate Wm O	Pacific Bell	
	Facts & Figures City Watch	Pacific Bell	
	Martin Mark T	Pacific Bell	
	Reyes Jose F	Pacific Bell	
	Stewart L	Pacific Bell	
	Tran Du	Pacific Bell	
	Worrell Robert & Mary Ann	Pacific Bell	
1985	ADAMS BRYAN	Pacific Bell	
	BENARD Y	Pacific Bell	
	CARROLL ELWOOD	Pacific Bell	
	CHUANG JAMES Y	Pacific Bell	
	COLAVITO JOHN R	Pacific Bell	
	CUTLER V	Pacific Bell	
	FACTS & FIGURES	Pacific Bell	
	HALLING RAYMOND ARTHUR J	Pacific Bell	
	HSIANG A	Pacific Bell	
	ISRAELSON BARRY	Pacific Bell	
	JOHNSON FLOYD	Pacific Bell	
	MARTIN MARK T	Pacific Bell	
	STEWART L	Pacific Bell	
	WORRELL ROBERT & MARY ANN	Pacific Bell	
	WYLIE RICHARD T	Pacific Bell	
	YAMAUCHI MARK M	Pacific Bell	
	YOUNG ALICE	Pacific Bell	
	1980	INSURED DEVELOPERS CO INC	Pacific Telephone
		INSURED DEVELOPERS CO INC	Pacific Telephone
	1976	Inouye Minoru Menlo Nursery	Pacific Telephone
Menlo Nursery		Pacific Telephone	
1975	INOUYE MINORU MENIO NURSERY	Pacific Telephone	
	MENLO NURSERY	Pacific Telephone	

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	INOUYE MINORU MENLO NURSERY	Pacific Telephone
	MENLO NURSERY	Pacific Telephone
1967	Inouye Minoru Menlo Nursery	Pacific Telephone
	Menlo Nursery	Pacific Telephone
1964	INOUYE MINORU MENLO NURSERY	Pacific Telephone
1957	NODA NURSERY	Pacific Telephone

### 1338 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	KIRTLAND Bertha	Haines & Company, Inc.
1995	Takata Nursery	Pacific Bell
1985	EDELMAN RAYMOND DAVID	Pacific Bell
	TAKATA NURSERY	Pacific Bell
1970	TAKATA ED NURSERY	Pacific Telephone
	UCHIDA SHIGEHIRO	Pacific Telephone
1960	TSUKAMOTO THOS H	Pacific Telephone
1957	TSSKAOTLO THOS H	Pacific Telephone
1954	TSUKAMOTO THOS H	R. L. Polk & Co.

### 1346 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	DOHi Albert	Haines & Company, Inc.
1995	Dohi Albert R	Pacific Bell
1985	DOHI ALBERT R	Pacific Bell
1980	DOHI ALBERT R	Pacific Telephone
1975	DOHI ALBERT R	Pacific Telephone
1970	DOHI ALBERT R	Pacific Telephone
1964	DOHI ALBERT R	Pacific Telephone

### 1349 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	KUBO BETSY Y	Pacific Telephone
	KUBO HAROLD K	Pacific Telephone
1957	IMAMURA TOMMY G	Pacific Telephone
1954	IMAMURA TOMMY G	R. L. Polk & Co.
1950	MATSUI DICK R	Pacific Telephone

## FINDINGS

### W 139th St

#### 1350 W 139th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	LOUISIANA FRIED CHICKEN	EDR Digital Archive
	LOUISIANA FRIED CHICKEN	EDR Digital Archive

### W 139TH ST

#### 1350 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	MARTINEZJnse	Haines & Company, Inc.
1995	Gonzalez Pedro Jr	Pacific Bell
	Gonzalez Pedro Jr	Pacific Bell
1985	GONZALEZ PEDRO JR	Pacific Bell
1980	CORONA MARTIN	Pacific Telephone
1976	Chino Joe	Pacific Telephone
1975	CHINO JOE	Pacific Telephone
1970	DOHI RONALD D	Pacific Telephone
1964	DOHI RONALD D	Pacific Telephone
1960	DOHI ALBERT R	Pacific Telephone
1957	POHI ALBERT R	Pacific Telephone
1954	DOHI ALBERT R	R. L. Polk & Co.
1950	DOHI ALBERT R R	Pacific Telephone

#### 1351 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	WELSH LEO A	Pacific Telephone
1960	WELSH LEO A	Pacific Telephone
1957	WELSH LEO A	Pacific Telephone
1954	WELSH LEO A	R. L. Polk & Co.

#### 1357 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	HOLGUIN FERNANDO	Pacific Telephone
1970	JOHNS JERRY PETER	Pacific Telephone
1964	CORWIN CLARENCE N	Pacific Telephone

#### 1359 W 139TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	WALSH ROBT E	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	WOOD JOHN	Pacific Telephone

### **W 139th St**

#### **1360 W 139th St**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	NEXT LEVEL OUTREACH SVC INC	EDR Digital Archive
	FAITH ACTING	EDR Digital Archive
	NEXT LEVEL OUTREACH SVC INC	EDR Digital Archive
	FAITH ACTING	EDR Digital Archive
2010	LE LASE ENTERPRISES INC	EDR Digital Archive
	LE LASE ENTERPRISES INC	EDR Digital Archive

### **W 139TH ST**

#### **1360 W 139TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	CARTER Regina	Haines & Company, Inc.
1995	Universal Link Company Of America	Pacific Bell
1980	GARCIA MARTHA	Pacific Telephone
	GARCIA COMELIO	Pacific Telephone

#### **1363 W 139TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	RASMUSSEN MARIE	R. L. Polk & Co.
1950	RASMUSSEN ANDREW R	Pacific Telephone

### **W 139th St**

#### **1364 W 139th St**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	GENESIS ONE LLC	EDR Digital Archive
	THA NATIONAL BULLY ASSN LLC	EDR Digital Archive
	TWIN HEARTS ENTERPRISE LLC	EDR Digital Archive
	GENESIS ONE LLC	EDR Digital Archive
	TWIN HEARTS ENTERPRISE LLC	EDR Digital Archive
	THA NATIONAL BULLY ASSN LLC	EDR Digital Archive
2010	THA NATIONAL BULLY ASSN LLC	EDR Digital Archive
	GENESIS ONE LLC	EDR Digital Archive
	THA NATIONAL BULLY ASSN LLC	EDR Digital Archive

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	GENESIS ONE LLC	EDR Digital Archive

### **W 139TH ST**

#### **1364 W 139TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	XXXX	Haines & Company, Inc.
1995	Rug Pro	Pacific Bell
1964	NAKAYAMA JAS I	Pacific Telephone
	LLOYD S NURSERY	Pacific Telephone
1960	LLOYD S NURSERY	Pacific Telephone
1958	Lloyds Nursery	Pacific Telephone
	Nakayama Jas I	Pacific Telephone
1957	LLOYD S NURSERY	Pacific Telephone
1954	LLOYD S NURSERY	R. L. Polk & Co.
1950	LLOYD S NTURSERY	Pacific Telephone

#### **1419 W 139TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	KOBATA JOE H	Pacific Telephone

#### **1420 W 139TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OMILLETDee	Haines & Company, Inc.
1964	KOBATA EDW H	Pacific Telephone
1960	KOBATA EDW H	Pacific Telephone
1957	L(OBATA EDW H	Pacific Telephone
1954	L(OBATA YOSHIO	R. L. Polk & Co.

#### **1425 W 139TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	CASSIDYM	Haines & Company, Inc.
1985	YANAI WHOLESALE FLORIST INC	Pacific Bell
	YANAI FLORAL CO	Pacific Bell
1980	KOBATA JOE	Pacific Telephone
1975	KOBATA JOE	Pacific Telephone
1970	KOBATA JOE	Pacific Telephone
1967	Kohata Joe H	Pacific Telephone
	KOBATA K NURSERY	Pacific Telephone
1964	KOBATA K NURSERY	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	KOBATA K NURSERY	Pacific Telephone

### **W 139th St**

#### **1426 W 139th St**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	PRADOS TRUCKING	EDR Digital Archive
	PRADOS TRUCKING	EDR Digital Archive

### **W 139TH ST**

#### **1426 W 139TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	MUNGUIA Jose	Haines & Company, Inc.
1985	TAKATA M C	Pacific Bell
1970	TAKATA ED NURSERY	Pacific Telephone
1960	TAKATA ED NURSERY	Pacific Telephone
1957	TAKATA EDW IVI	Pacific Telephone
1954	TAKATA EDW M	R. L. Polk & Co.

### **W 140TH ST**

#### **1238 W 140TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	MOORE ARTHUR W PAINTNG CONTR	Pacific Telephone
	MOORE ARTHUR W OS	Pacific Telephone and Telegraph Company
	MOORE A PAINTNG CONTR OS	Pacific Telephone and Telegraph Company
	MOORE ARTHUR W	Pacific Telephone
1957	MOORE ARTHUR W	Pacific Telephone

#### **1239 W 140TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	BERTSCH LOUIS C	Pacific Telephone and Telegraph Company
	BERTSCH LOUIS C	Pacific Telephone

#### **1245 W 140TH ST**

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	NAGANO Yasuko	Haines & Company, Inc.

## FINDINGS

### 1248 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SIMPSONSusie	Haines & Company, Inc.

### 1249 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OCUPPLESJorden	Haines & Company, Inc.

### 1252 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	TANAKAE	Haines & Company, Inc.
1995	Tanaka E	Pacific Bell
1985	TANAKA E	Pacific Bell
1970	SAITO JEAN	Pacific Telephone
	SAITO JEAN	Pacific Telephone
	TANAKA EIKO	Pacific Telephone
	TANAKA GEO T	Pacific Telephone
1960	TANAKA EIKO	Pacific Telephone
	TANAKA GEO T	Pacific Telephone

### 1253 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	NAKAMURA TOSHIO	Pacific Telephone
1967	Nakamura Toshio	Pacific Telephone
1964	NAKAMURA TOSHIO	Pacific Telephone
1960	NAKAMURA TOSHIO	Pacific Telephone

### 1256 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	NAKAMURAMasashi	Haines & Company, Inc.
1995	Nakamura Masashi	Pacific Bell
1985	INDUSTRIAL LANDSCAPE	Pacific Bell
	NAKAMURA MASASHI	Pacific Bell
1980	NAKAMURA MASASHI	Pacific Telephone
1975	NAKAMURA MASASHI	Pacific Telephone
1970	NAKAMURA MASASHI	Pacific Telephone
1964	NAKAMURA MASASHI	Pacific Telephone
1960	HARA A W	Pacific Telephone

## FINDINGS

### 1257 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1985	MEKARU CLIFFORD K	Pacific Bell
1980	MEKARU CLIFFORD K	Pacific Telephone
1975	MEKARU CLIFFORD K	Pacific Telephone
1970	MEKARU CLIFFORD K	Pacific Telephone
1964	NAKAKIHARA JOHN	Pacific Telephone
1960	NAKAKIHARA JOHN	Pacific Telephone

### 1260 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OKUBODavid	Haines & Company, Inc.
1975	KATO YUKIO	Pacific Telephone
1970	KATO YUKIO	Pacific Telephone
1964	HARADA HARUO JACK	Pacific Telephone
1960	HARADA HARUO JACK	Pacific Telephone

### 1261 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	TOMITA FRANK T	Pacific Telephone
1960	TOMITA FRANK T	Pacific Telephone

### 1264 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ELLIOTTRobyn	Haines & Company, Inc.
1985	KAWAMOTO MASAO	Pacific Bell
1980	KAWAMOTO MASAO	Pacific Telephone
1975	KAWAMOTO MASAO	Pacific Telephone
1970	KAWAMOTO MASAO	Pacific Telephone
1964	KAWAMOTO MASAO	Pacific Telephone
1960	KAWAMOTO MASAO	Pacific Telephone

### 1265 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	AOYAMAM	Haines & Company, Inc.
1995	Aoyama M	Pacific Bell
1985	AOYAMA M	Pacific Bell
1980	AOYAMA M	Pacific Telephone
1975	AOYAMA CHIC	Pacific Telephone
1970	AOYAMA CHIC	Pacific Telephone
1964	AOYAMA CHIC	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	AOYAMA CHIC	Pacific Telephone

### 1301 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1975	HIGASHIGAWA MASAMI	Pacific Telephone
1970	HIGASHIGAWA MASAMI	Pacific Telephone
1964	HIGASHIGAWA MASAMI	Pacific Telephone
1960	HIGASHIGAWA MASAMI	Pacific Telephone

### 1305 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	BRYANT Antonia	Haines & Company, Inc.
1995	Kato Paul S	Pacific Bell
1985	KATO PAUL S	Pacific Bell
1980	KATO PAUL S	Pacific Telephone
1975	KATO PAUL S	Pacific Telephone
1970	KATO PAUL S	Pacific Telephone
1964	IMAGAWA THOS T	Pacific Telephone
1960	GUTIERREZ HUMBERTO	Pacific Telephone

### 1309 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ORTIZ Helen	Haines & Company, Inc.
1975	ALLSUP ROBT H	Pacific Telephone
	ALLSUP TIM	Pacific Telephone
1970	ALLSUP ROBT H	Pacific Telephone
1964	ALLSUP ROBT H	Pacific Telephone
1960	ALLSUP ROBT H	Pacific Telephone

### 1313 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	KOMATSU Aike G	Haines & Company, Inc.
1995	Komatsu Aike G	Pacific Bell
1985	KOMATSU TOKIYE	Pacific Bell
1980	KOMATSU TOKIYE	Pacific Telephone
1975	KOMATSU TOKIYE	Pacific Telephone
1970	KOMATSU TOKIYE	Pacific Telephone
1960	KOMATSU TOKIYE	Pacific Telephone

## FINDINGS

### 1314 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1995	Matsumoto Jack S	Pacific Bell
1985	MATSUMOTO JACK S	Pacific Bell
1980	MATSUMOTO JACK S	Pacific Telephone
1975	MATSUMOTO JACK S	Pacific Telephone
1970	MATSUMOTO JACK S	Pacific Telephone
1964	MATSUMOTO JACK S	Pacific Telephone
1960	MATSUMOTO JACK S	Pacific Telephone

### W 140th St

#### 1317 W 140th St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	SOUTHWEST AFFORDABLE HOUSING	EDR Digital Archive
	SOUTHWEST AFFORDABLE HOUSING	EDR Digital Archive

### W 140TH ST

#### 1317 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ONGHIATu 00 TRAN Nghia T	Haines & Company, Inc.
1995	Tran Nghia T	Pacific Bell

#### 1318 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	BENNETTClyde 00 I	Haines & Company, Inc.

#### 1321 W 140TH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	ODOSTERLyman	Haines & Company, Inc.

### W 141ST PL

#### 1203 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	TILLER WM R	Pacific Telephone

#### 1207 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	CARSON EDW MRS	Pacific Telephone

## FINDINGS

### 1211 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	SCHULZ PAUL	Pacific Telephone

### 1215 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	ROGNAS WM J	Pacific Telephone

### 1217 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	HEIDER PAUL E	Pacific Telephone

### 1219 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	BLISS IRVING G	Pacific Telephone

### 1227 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	WALKER WON C	Pacific Telephone

### 1231 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	HENKE HOWARD D	Pacific Telephone

### 1235 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	CASWELL RAY	Pacific Telephone

### 1239 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	INLNNENKAMP LLOYD WM	Pacific Telephone

### 1261 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	KAUFFMAN Frank G Bertha	Los Angeles Directory Co.

### 1304 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	KIZANIS MAXINE R	Pacific Telephone

### 1311 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	KANIYA KEN	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	KAJIYA (EN)	R. L. Polk & Co.

### 1315 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	HANAFUSA KEN W	Pacific Telephone
1954	HANAFUSA IKEN W	R. L. Polk & Co.

### 1326 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Franklin Edith	Pacific Telephone

### 1331 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	HAGLO JOHN	Pacific Telephone
1954	HAGIO JOHN J	R. L. Polk & Co.

### 1356 W 141ST PL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	MLAGLES POLLY	R. L. Polk & Co.

### W 141ST ST

#### 1268 W 141ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	OLEAL Dian	Haines & Company, Inc.

#### 1304 W 141ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	VIAHAKIS GEO	R. L. Polk & Co.

#### 1311 W 141ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SKAJIYAAllice	Haines & Company, Inc.
1970	KAJIYA KEN	Pacific Telephone
1967	Kajjiya Ken	Pacific Telephone
1964	KAJIYA KEN	Pacific Telephone
1960	HAGIWARA T	Pacific Telephone
1958	Kajjiya Kes	Pacific Telephone

## FINDINGS

### W 141st St

#### 1315 W 141st St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MDR ENTERPRISES INC	EDR Digital Archive
	MDR ENTERPRISES INC	EDR Digital Archive

### W 141ST ST

#### 1315 W 141ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SBLASMANJackie	Haines & Company, Inc.
1975	HANAFUSA KEN W	Pacific Telephone
1970	HANAFUSA KEN W	Pacific Telephone
1964	HANAFUSA KEN W	Pacific Telephone
1960	HANAFUSA KEN W	Pacific Telephone

#### 1331 W 141ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	SHAGIOJohn	Haines & Company, Inc.
1970	HAGIO JOHN J	Pacific Telephone
1964	HAGIO JOHN J	Pacific Telephone
1960	HAGIO JOHN J	Pacific Telephone

### W 141st St

#### 1356 W 141st St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	MAGDALENAS COSMETOLOGY	EDR Digital Archive
	MAGDALENAS COSMETOLOGY	EDR Digital Archive
2010	MAGDALENAS COSMETOLOGY	EDR Digital Archive
	MAGDALENAS COSMETOLOGY	EDR Digital Archive

### W 141ST ST

#### 1356 W 141ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2001	DUARTEGuillermo	Haines & Company, Inc.
1985	EMETERIO POLLY	Pacific Bell
1980	EMETERIO POLLY	Pacific Telephone
1975	EMETERIO POLLY	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1970	EMETERIO ALFRED	Pacific Telephone
1964	EMETERIO ALFRED	Pacific Telephone
1960	MAGLES GEO	Pacific Telephone
	EMETERIO ALFRED	Pacific Telephone

### 1448 W 141ST ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	BUSTAMANTE RUBIN	Pacific Telephone

### W ROSECRANS AVE

#### 1425 1/2 W ROSECRANS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1960	FRENCHYS SWAP SHOP	Pacific Telephone
	LABINE LAWRENCE FRANCHY S SWAP SHOP	Pacific Telephone

## FINDINGS

### ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

<u>Address Researched</u>	<u>Address Not Identified in Research Source</u>
1203 W 141ST PL	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1207 W 141ST PL	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1211 W 141ST PL	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1215 W 141ST PL	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1217 W 141ST PL	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1219 W 141ST PL	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1227 W 141ST PL	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1231 W 141ST PL	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
1235 W 141ST PL	2014, 2010, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920





































**TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE**

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

**Address Researched**

1341 W 141st Street

**Address Not Identified in Research Source**

2006, 2004, 2003, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

**1335, 1337, 1341, AND 1343 WEST 141ST STREET, GARDENA, CALIFORNIA**

Appendix G CERTIFIED LABORATORY ANALYTICAL DATA REPORT  
May 21, 2019

## **Appendix G CERTIFIED LABORATORY ANALYTICAL DATA REPORT**





May 14, 2019

Alicia Jansen  
Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408  
Tel: (909) 335-6116  
Fax:(909) 335-6120

ELAP No.: 1838  
CSDLAC No.: 10196  
ORELAP No.: CA300003

Re: ATL Work Order Number : 1901920  
Client Reference : 185804443

Enclosed are the results for sample(s) received on May 10, 2019 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

A handwritten signature in black ink, appearing to read 'Edgar Caballero', with a small 'E' or 'A' initial below the first letter.

Edgar Caballero  
President & Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

*3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040*  
*www.atlglobal.com*



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Alicia Jansen  
Reported : 05/14/2019

### SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
HA-1-1	1901920-01	Soil	5/10/19 7:35	5/10/19 13:15
HA-2-1	1901920-03	Soil	5/10/19 8:00	5/10/19 13:15
HA-3-1	1901920-05	Soil	5/10/19 9:48	5/10/19 13:15
HA-4-1	1901920-07	Soil	5/10/19 10:00	5/10/19 13:15
SB-1-1	1901920-09	Soil	5/10/19 8:25	5/10/19 13:15
SB-1-2	1901920-10	Soil	5/10/19 8:28	5/10/19 13:15
SB-1-10	1901920-12	Soil	5/10/19 8:45	5/10/19 13:15
SB-2-2	1901920-13	Soil	5/10/19 9:10	5/10/19 13:15
SB-2-10	1901920-14	Soil	5/10/19 0:00	5/10/19 13:15



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Alicia Jansen  
Reported : 05/14/2019

**Client Sample ID HA-1-1**

**Lab ID: 1901920-01**

**Total Metals by ICP-AES EPA 6010B**

**Analyst: GO**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.2	1.0	1	B9E0414	05/11/2019	05/13/19 11:24	
Lead	4.3	1.0	1	B9E0414	05/11/2019	05/13/19 11:24	

**Organochlorine Pesticides by EPA 8081**

**Analyst: KD/**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9E0396	05/10/2019	05/12/19 16:39	
4,4'-DDE	ND	2.0	1	B9E0396	05/10/2019	05/12/19 16:39	
4,4'-DDT	ND	2.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Aldrin	ND	1.0	1	B9E0396	05/10/2019	05/12/19 16:39	
alpha-BHC	ND	1.0	1	B9E0396	05/10/2019	05/12/19 16:39	
alpha-Chlordane	ND	1.0	1	B9E0396	05/10/2019	05/12/19 16:39	
beta-BHC	ND	1.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Chlordane	ND	8.5	1	B9E0396	05/10/2019	05/12/19 16:39	
delta-BHC	ND	1.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Dieldrin	ND	2.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Endosulfan I	ND	1.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Endosulfan II	ND	2.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Endosulfan sulfate	ND	2.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Endrin	ND	2.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Endrin aldehyde	ND	2.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Endrin ketone	ND	2.0	1	B9E0396	05/10/2019	05/12/19 16:39	
gamma-BHC	ND	1.0	1	B9E0396	05/10/2019	05/12/19 16:39	
gamma-Chlordane	ND	1.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Heptachlor	ND	1.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Heptachlor epoxide	ND	1.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Methoxychlor	ND	5.0	1	B9E0396	05/10/2019	05/12/19 16:39	
Toxaphene	ND	50	1	B9E0396	05/10/2019	05/12/19 16:39	
<i>Surrogate: Decachlorobiphenyl</i>	59.6 %	32 - 91		B9E0396	05/10/2019	05/12/19 16:39	
<i>Surrogate: Tetrachloro-m-xylene</i>	63.1 %	38 - 93		B9E0396	05/10/2019	05/12/19 16:39	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Alicia Jansen  
Reported : 05/14/2019

**Client Sample ID HA-2-1**

**Lab ID: 1901920-03**

**Total Metals by ICP-AES EPA 6010B**

**Analyst: GO**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	4.5	1.0	1	B9E0414	05/11/2019	05/13/19 11:57	
Lead	9.2	1.0	1	B9E0414	05/11/2019	05/13/19 11:57	

**Organochlorine Pesticides by EPA 8081**

**Analyst: KD/**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	4.0	2	B9E0396	05/10/2019	05/13/19 11:31	
4,4'-DDE [2C]	53	4.0	2	B9E0396	05/10/2019	05/13/19 11:31	
4,4'-DDT [2C]	19	4.0	2	B9E0396	05/10/2019	05/13/19 11:31	
Aldrin	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:31	
alpha-BHC	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:31	
alpha-Chlordane [2C]	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:31	
beta-BHC	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:31	
Chlordane	ND	17	2	B9E0396	05/10/2019	05/13/19 11:31	
delta-BHC	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:31	
<b>Dieldrin [2C]</b>	<b>7.4</b>	4.0	2	B9E0396	05/10/2019	05/13/19 11:31	
Endosulfan I	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:31	
Endosulfan II	ND	4.0	2	B9E0396	05/10/2019	05/13/19 11:31	
Endosulfan sulfate	ND	4.0	2	B9E0396	05/10/2019	05/13/19 11:31	
Endrin	ND	4.0	2	B9E0396	05/10/2019	05/13/19 11:31	
Endrin aldehyde	ND	4.0	2	B9E0396	05/10/2019	05/13/19 11:31	
Endrin ketone	ND	4.0	2	B9E0396	05/10/2019	05/13/19 11:31	
gamma-BHC	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:31	
gamma-Chlordane [2C]	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:31	
Heptachlor	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:31	
Heptachlor epoxide	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:31	
Methoxychlor	ND	10	2	B9E0396	05/10/2019	05/13/19 11:31	
Toxaphene	ND	100	2	B9E0396	05/10/2019	05/13/19 11:31	
<i>Surrogate: Decachlorobiphenyl</i>	<i>83.6 %</i>	<i>32 - 91</i>		B9E0396	05/10/2019	<i>05/13/19 11:31</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>71.8 %</i>	<i>38 - 93</i>		B9E0396	05/10/2019	<i>05/13/19 11:31</i>	



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Project Number : 185804443  
 Report To : Alicia Jansen  
 Reported : 05/14/2019

**Client Sample ID HA-3-1**

**Lab ID: 1901920-05**

## Total Metals by ICP-AES EPA 6010B

**Analyst: GO**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.1	1.0	1	B9E0414	05/11/2019	05/13/19 11:58	
Lead	10	1.0	1	B9E0414	05/11/2019	05/13/19 11:58	

## Organochlorine Pesticides by EPA 8081

**Analyst: KD/**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	4.0	2	B9E0396	05/10/2019	05/13/19 11:42	
4,4'-DDE [2C]	130	4.0	2	B9E0396	05/10/2019	05/13/19 11:42	
4,4'-DDT [2C]	86	4.0	2	B9E0396	05/10/2019	05/13/19 11:42	
Aldrin	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:42	
alpha-BHC	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:42	
alpha-Chlordane [2C]	19	2.0	2	B9E0396	05/10/2019	05/13/19 11:42	
beta-BHC	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:42	
Chlordane	150	17	2	B9E0396	05/10/2019	05/13/19 11:42	
delta-BHC	23	2.0	2	B9E0396	05/10/2019	05/13/19 11:42	
Dieldrin [2C]	5.7	4.0	2	B9E0396	05/10/2019	05/13/19 11:42	
Endosulfan I	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:42	
Endosulfan II	ND	4.0	2	B9E0396	05/10/2019	05/13/19 11:42	
Endosulfan sulfate	ND	4.0	2	B9E0396	05/10/2019	05/13/19 11:42	
Endrin	9.4	4.0	2	B9E0396	05/10/2019	05/13/19 11:42	
Endrin aldehyde	ND	4.0	2	B9E0396	05/10/2019	05/13/19 11:42	
Endrin ketone	ND	4.0	2	B9E0396	05/10/2019	05/13/19 11:42	
gamma-BHC	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:42	
gamma-Chlordane	12	2.0	2	B9E0396	05/10/2019	05/13/19 11:42	
Heptachlor	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:42	
Heptachlor epoxide	ND	2.0	2	B9E0396	05/10/2019	05/13/19 11:42	
Methoxychlor	ND	10	2	B9E0396	05/10/2019	05/13/19 11:42	
Toxaphene	ND	100	2	B9E0396	05/10/2019	05/13/19 11:42	
Surrogate: Decachlorobiphenyl	53.4 %	32 - 91		B9E0396	05/10/2019	05/13/19 11:42	
Surrogate: Tetrachloro-m-xylene	38.6 %	38 - 93		B9E0396	05/10/2019	05/13/19 11:42	



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Project Number : 185804443  
Report To : Alicia Jansen  
Reported : 05/14/2019

**Client Sample ID HA-4-1**

**Lab ID: 1901920-07**

**Total Metals by ICP-AES EPA 6010B**

**Analyst: GO**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>Arsenic</b>	<b>1.6</b>	1.0	1	B9E0414	05/11/2019	05/13/19 11:59	
<b>Lead</b>	<b>8.2</b>	1.0	1	B9E0414	05/11/2019	05/13/19 11:59	

**Organochlorine Pesticides by EPA 8081**

**Analyst: KD/**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:11	
<b>4,4'-DDE [2C]</b>	<b>18</b>	2.0	1	B9E0396	05/10/2019	05/12/19 17:11	
<b>4,4'-DDT [2C]</b>	<b>8.8</b>	2.0	1	B9E0396	05/10/2019	05/12/19 17:11	
Aldrin	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:11	
alpha-BHC	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:11	
<b>alpha-Chlordane [2C]</b>	<b>3.3</b>	1.0	1	B9E0396	05/10/2019	05/12/19 17:11	
beta-BHC	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:11	
<b>Chlordane</b>	<b>23</b>	8.5	1	B9E0396	05/10/2019	05/12/19 17:11	
<b>delta-BHC [2C]</b>	<b>6.6</b>	1.0	1	B9E0396	05/10/2019	05/12/19 17:11	
Dieldrin	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:11	
Endosulfan I	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:11	
Endosulfan II	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:11	
Endosulfan sulfate	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:11	
Endrin	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:11	
Endrin aldehyde	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:11	
Endrin ketone	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:11	
gamma-BHC	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:11	
<b>gamma-Chlordane</b>	<b>1.9</b>	1.0	1	B9E0396	05/10/2019	05/12/19 17:11	
Heptachlor	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:11	
Heptachlor epoxide	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:11	
Methoxychlor	ND	5.0	1	B9E0396	05/10/2019	05/12/19 17:11	
Toxaphene	ND	50	1	B9E0396	05/10/2019	05/12/19 17:11	
<i>Surrogate: Decachlorobiphenyl</i>	<i>58.9 %</i>	<i>32 - 91</i>		B9E0396	05/10/2019	<i>05/12/19 17:11</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>67.7 %</i>	<i>38 - 93</i>		B9E0396	05/10/2019	<i>05/12/19 17:11</i>	



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Project Number : 185804443  
Report To : Alicia Jansen  
Reported : 05/14/2019

**Client Sample ID SB-1-1**

**Lab ID: 1901920-09**

**Total Metals by ICP-AES EPA 6010B**

**Analyst: GO**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	ND	1.0	1	B9E0414	05/11/2019	05/13/19 12:00	
Lead	17	1.0	1	B9E0414	05/11/2019	05/13/19 12:00	

**Organochlorine Pesticides by EPA 8081**

**Analyst: KD/**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	2.1	2.0	1	B9E0396	05/10/2019	05/12/19 17:21	
4,4'-DDE [2C]	40	2.0	1	B9E0396	05/10/2019	05/12/19 17:21	
4,4'-DDT [2C]	41	2.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Aldrin	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:21	
alpha-BHC	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:21	
alpha-Chlordane [2C]	1.2	1.0	1	B9E0396	05/10/2019	05/12/19 17:21	
beta-BHC	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Chlordane	10	8.5	1	B9E0396	05/10/2019	05/12/19 17:21	
delta-BHC [2C]	5.1	1.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Dieldrin	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Endosulfan I	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Endosulfan II	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Endosulfan sulfate	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Endrin	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Endrin aldehyde	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Endrin ketone	ND	2.0	1	B9E0396	05/10/2019	05/12/19 17:21	
gamma-BHC	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:21	
gamma-Chlordane [2C]	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Heptachlor	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Heptachlor epoxide	ND	1.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Methoxychlor	ND	5.0	1	B9E0396	05/10/2019	05/12/19 17:21	
Toxaphene	ND	50	1	B9E0396	05/10/2019	05/12/19 17:21	
Surrogate: Decachlorobiphenyl	52.4 %	32 - 91		B9E0396	05/10/2019	05/12/19 17:21	
Surrogate: Tetrachloro-m-xylene	58.4 %	38 - 93		B9E0396	05/10/2019	05/12/19 17:21	



## Certificate of Analysis

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Project Number : 185804443  
Report To : Alicia Jansen  
Reported : 05/14/2019

**Client Sample ID SB-1-2**

**Lab ID: 1901920-10**

### Gasoline Range Organics by EPA 8015B (Modified)

Analyst: VW

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B9E0373	05/10/2019	05/10/19 18:10	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>113 %</i>	<i>45 - 149</i>		B9E0373	05/10/2019	<i>05/10/19 18:10</i>	

### Diesel Range Organics by EPA 8015B

Analyst: HT

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B9E0377	05/10/2019	05/10/19 18:08	
ORO	ND	10	1	B9E0377	05/10/2019	05/10/19 18:08	
<i>Surrogate: p-Terphenyl</i>	<i>90.8 %</i>	<i>58 - 172</i>		B9E0377	05/10/2019	<i>05/10/19 18:08</i>	

### Volatile Organic Compounds by EPA 8260B

Analyst: VW

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,1,1-Trichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,1,2-Trichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,1-Dichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,1-Dichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,1-Dichloropropene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,2,3-Trichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,2,3-Trichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,2,4-Trichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,2,4-Trimethylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,2-Dibromo-3-chloropropane	ND	10	1	B9E0370	05/10/2019	05/10/19 17:32	
1,2-Dibromoethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,2-Dichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,2-Dichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,2-Dichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,3,5-Trimethylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,3-Dichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,3-Dichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
1,4-Dichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
2,2-Dichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
2-Chlorotoluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	



# Certificate of Analysis

Stantec  
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 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Alicia Jansen  
 Reported : 05/14/2019

**Client Sample ID SB-1-2**

**Lab ID: 1901920-10**

## Volatile Organic Compounds by EPA 8260B

**Analyst: VW**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
4-Isopropyltoluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Benzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Bromobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Bromochloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Bromodichloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Bromoform	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Bromomethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Carbon disulfide	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Carbon tetrachloride	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Chlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Chloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Chloroform	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Chloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
cis-1,2-Dichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
cis-1,3-Dichloropropene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Di-isopropyl ether	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Dibromochloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Dibromomethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Dichlorodifluoromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Ethyl Acetate	ND	50	1	B9E0370	05/10/2019	05/10/19 17:32	
Ethyl Ether	ND	50	1	B9E0370	05/10/2019	05/10/19 17:32	
Ethyl tert-butyl ether	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Ethylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Freon-113	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Hexachlorobutadiene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Isopropylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
m,p-Xylene	ND	10	1	B9E0370	05/10/2019	05/10/19 17:32	
Methylene chloride	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
MTBE	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
n-Butylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
n-Propylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Naphthalene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
o-Xylene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
sec-Butylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Styrene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
tert-Amyl methyl ether	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	



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 San Bernardino , CA 92408

Project Number : 185804443  
 Report To : Alicia Jansen  
 Reported : 05/14/2019

**Client Sample ID SB-1-2**

**Lab ID: 1901920-10**

## Volatile Organic Compounds by EPA 8260B

**Analyst: VW**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	1	B9E0370	05/10/2019	05/10/19 17:32	
tert-Butylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Tetrachloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Toluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
trans-1,2-Dichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
trans-1,3-Dichloropropene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Trichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Trichlorofluoromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
Vinyl acetate	ND	50	1	B9E0370	05/10/2019	05/10/19 17:32	
Vinyl chloride	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:32	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>97.8 %</i>	<i>60 - 145</i>		B9E0370	05/10/2019	<i>05/10/19 17:32</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>89.2 %</i>	<i>68 - 121</i>		B9E0370	05/10/2019	<i>05/10/19 17:32</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>101 %</i>	<i>65 - 137</i>		B9E0370	05/10/2019	<i>05/10/19 17:32</i>	
<i>Surrogate: Toluene-d8</i>	<i>102 %</i>	<i>82 - 119</i>		B9E0370	05/10/2019	<i>05/10/19 17:32</i>	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Alicia Jansen  
Reported : 05/14/2019

**Client Sample ID SB-1-10**

**Lab ID: 1901920-12**

### Gasoline Range Organics by EPA 8015B (Modified)

**Analyst: VW**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B9E0450	05/14/2019	05/14/19 09:57	
Surrogate: 4-Bromofluorobenzene	96.4 %	45 - 149		B9E0450	05/14/2019	05/14/19 09:57	

### Diesel Range Organics by EPA 8015B

**Analyst: HT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B9E0377	05/10/2019	05/10/19 17:51	
ORO	ND	10	1	B9E0377	05/10/2019	05/10/19 17:51	
Surrogate: p-Terphenyl	87.2 %	58 - 172		B9E0377	05/10/2019	05/10/19 17:51	

### Volatile Organic Compounds by EPA 8260B

**Analyst: VW**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,1,1-Trichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,1,2-Trichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,1-Dichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,1-Dichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,1-Dichloropropene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,2,3-Trichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,2,3-Trichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,2,4-Trichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,2,4-Trimethylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,2-Dibromo-3-chloropropane	ND	10	1	B9E0370	05/10/2019	05/10/19 17:51	
1,2-Dibromoethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,2-Dichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,2-Dichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,2-Dichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,3,5-Trimethylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,3-Dichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,3-Dichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
1,4-Dichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
2,2-Dichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
2-Chlorotoluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	



# Certificate of Analysis

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Project Number : 185804443  
 Report To : Alicia Jansen  
 Reported : 05/14/2019

**Client Sample ID SB-1-10**

**Lab ID: 1901920-12**

## Volatile Organic Compounds by EPA 8260B

**Analyst: VW**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
4-Isopropyltoluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Benzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Bromobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Bromochloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Bromodichloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Bromoform	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Bromomethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Carbon disulfide	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Carbon tetrachloride	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Chlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Chloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Chloroform	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Chloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
cis-1,2-Dichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
cis-1,3-Dichloropropene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Di-isopropyl ether	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Dibromochloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Dibromomethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Dichlorodifluoromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Ethyl Acetate	ND	50	1	B9E0370	05/10/2019	05/10/19 17:51	
Ethyl Ether	ND	50	1	B9E0370	05/10/2019	05/10/19 17:51	
Ethyl tert-butyl ether	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Ethylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Freon-113	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Hexachlorobutadiene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Isopropylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
m,p-Xylene	ND	10	1	B9E0370	05/10/2019	05/10/19 17:51	
Methylene chloride	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
MTBE	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
n-Butylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
n-Propylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Naphthalene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
o-Xylene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
sec-Butylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Styrene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
tert-Amyl methyl ether	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	



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Project Number : 185804443  
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**Client Sample ID SB-1-10**

**Lab ID: 1901920-12**

## Volatile Organic Compounds by EPA 8260B

**Analyst: VW**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	1	B9E0370	05/10/2019	05/10/19 17:51	
tert-Butylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Tetrachloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Toluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
trans-1,2-Dichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
trans-1,3-Dichloropropene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Trichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Trichlorofluoromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
Vinyl acetate	ND	50	1	B9E0370	05/10/2019	05/10/19 17:51	
Vinyl chloride	ND	5.0	1	B9E0370	05/10/2019	05/10/19 17:51	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>105 %</i>	<i>60 - 145</i>		B9E0370	05/10/2019	<i>05/10/19 17:51</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>86.3 %</i>	<i>68 - 121</i>		B9E0370	05/10/2019	<i>05/10/19 17:51</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>101 %</i>	<i>65 - 137</i>		B9E0370	05/10/2019	<i>05/10/19 17:51</i>	
<i>Surrogate: Toluene-d8</i>	<i>101 %</i>	<i>82 - 119</i>		B9E0370	05/10/2019	<i>05/10/19 17:51</i>	



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Project Number : 185804443  
Report To : Alicia Jansen  
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**Client Sample ID SB-2-2**

**Lab ID: 1901920-13**

### Gasoline Range Organics by EPA 8015B (Modified)

Analyst: VW

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B9E0373	05/10/2019	05/10/19 18:54	
Surrogate: 4-Bromofluorobenzene	100 %	45 - 149		B9E0373	05/10/2019	05/10/19 18:54	

### Diesel Range Organics by EPA 8015B

Analyst: HT

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B9E0377	05/10/2019	05/10/19 18:42	
ORO	ND	10	1	B9E0377	05/10/2019	05/10/19 18:42	
Surrogate: p-Terphenyl	79.0 %	58 - 172		B9E0377	05/10/2019	05/10/19 18:42	

### Volatile Organic Compounds by EPA 8260B

Analyst: VW

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,1,1-Trichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,1,2-Trichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,1-Dichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,1-Dichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,1-Dichloropropene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,2,3-Trichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,2,3-Trichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,2,4-Trichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,2,4-Trimethylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,2-Dibromo-3-chloropropane	ND	10	1	B9E0370	05/10/2019	05/10/19 18:10	
1,2-Dibromoethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,2-Dichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,2-Dichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,2-Dichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,3,5-Trimethylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,3-Dichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,3-Dichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
1,4-Dichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
2,2-Dichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
2-Chlorotoluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	



## Certificate of Analysis

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735 E. Carnegie Drive, Suite 280  
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Project Number : 185804443  
Report To : Alicia Jansen  
Reported : 05/14/2019

**Client Sample ID SB-2-2**

**Lab ID: 1901920-13**

### Volatile Organic Compounds by EPA 8260B

Analyst: VW

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
4-Isopropyltoluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Benzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Bromobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Bromochloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Bromodichloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Bromoform	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Bromomethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Carbon disulfide	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Carbon tetrachloride	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Chlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Chloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Chloroform	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Chloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
cis-1,2-Dichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
cis-1,3-Dichloropropene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Di-isopropyl ether	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Dibromochloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Dibromomethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Dichlorodifluoromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Ethyl Acetate	ND	50	1	B9E0370	05/10/2019	05/10/19 18:10	
Ethyl Ether	ND	50	1	B9E0370	05/10/2019	05/10/19 18:10	
Ethyl tert-butyl ether	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Ethylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Freon-113	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Hexachlorobutadiene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Isopropylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
m,p-Xylene	ND	10	1	B9E0370	05/10/2019	05/10/19 18:10	
Methylene chloride	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
MTBE	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
n-Butylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
n-Propylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Naphthalene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
o-Xylene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
sec-Butylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Styrene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
tert-Amyl methyl ether	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Alicia Jansen  
 Reported : 05/14/2019

**Client Sample ID SB-2-2**

**Lab ID: 1901920-13**

## Volatile Organic Compounds by EPA 8260B

**Analyst: VW**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	1	B9E0370	05/10/2019	05/10/19 18:10	
tert-Butylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Tetrachloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Toluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
trans-1,2-Dichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
trans-1,3-Dichloropropene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Trichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Trichlorofluoromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
Vinyl acetate	ND	50	1	B9E0370	05/10/2019	05/10/19 18:10	
Vinyl chloride	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:10	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>102 %</i>	<i>60 - 145</i>		B9E0370	05/10/2019	<i>05/10/19 18:10</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>88.7 %</i>	<i>68 - 121</i>		B9E0370	05/10/2019	<i>05/10/19 18:10</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>98.5 %</i>	<i>65 - 137</i>		B9E0370	05/10/2019	<i>05/10/19 18:10</i>	
<i>Surrogate: Toluene-d8</i>	<i>96.3 %</i>	<i>82 - 119</i>		B9E0370	05/10/2019	<i>05/10/19 18:10</i>	



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Reported : 05/14/2019

**Client Sample ID SB-2-10**

**Lab ID: 1901920-14**

### Gasoline Range Organics by EPA 8015B (Modified)

**Analyst: VW**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B9E0450	05/14/2019	05/14/19 13:02	
Surrogate: 4-Bromofluorobenzene	89.3 %	45 - 149		B9E0450	05/14/2019	05/14/19 13:02	

### Diesel Range Organics by EPA 8015B

**Analyst: HT**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B9E0377	05/10/2019	05/10/19 18:25	
ORO	ND	10	1	B9E0377	05/10/2019	05/10/19 18:25	
Surrogate: p-Terphenyl	95.7 %	58 - 172		B9E0377	05/10/2019	05/10/19 18:25	

### Volatile Organic Compounds by EPA 8260B

**Analyst: VW**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,1,1-Trichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,1,2-Trichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,1-Dichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,1-Dichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,1-Dichloropropene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,2,3-Trichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,2,3-Trichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,2,4-Trichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,2,4-Trimethylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,2-Dibromo-3-chloropropane	ND	10	1	B9E0370	05/10/2019	05/10/19 18:28	
1,2-Dibromoethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,2-Dichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,2-Dichloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,2-Dichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,3,5-Trimethylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,3-Dichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,3-Dichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
1,4-Dichlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
2,2-Dichloropropane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
2-Chlorotoluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Alicia Jansen  
Reported : 05/14/2019

**Client Sample ID SB-2-10**

**Lab ID: 1901920-14**

### Volatile Organic Compounds by EPA 8260B

**Analyst: VW**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4-Chlorotoluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
4-Isopropyltoluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Benzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Bromobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Bromochloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Bromodichloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Bromoform	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Bromomethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Carbon disulfide	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Carbon tetrachloride	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Chlorobenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Chloroethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Chloroform	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Chloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
cis-1,2-Dichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
cis-1,3-Dichloropropene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Di-isopropyl ether	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Dibromochloromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Dibromomethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Dichlorodifluoromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Ethyl Acetate	ND	50	1	B9E0370	05/10/2019	05/10/19 18:28	
Ethyl Ether	ND	50	1	B9E0370	05/10/2019	05/10/19 18:28	
Ethyl tert-butyl ether	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Ethylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Freon-113	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Hexachlorobutadiene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Isopropylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
m,p-Xylene	ND	10	1	B9E0370	05/10/2019	05/10/19 18:28	
Methylene chloride	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
MTBE	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
n-Butylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
n-Propylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Naphthalene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
o-Xylene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
sec-Butylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Styrene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
tert-Amyl methyl ether	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Alicia Jansen  
 Reported : 05/14/2019

**Client Sample ID SB-2-10**

**Lab ID: 1901920-14**

## Volatile Organic Compounds by EPA 8260B

**Analyst: VW**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
tert-Butanol	ND	100	1	B9E0370	05/10/2019	05/10/19 18:28	
tert-Butylbenzene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Tetrachloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Toluene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
trans-1,2-Dichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
trans-1,3-Dichloropropene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Trichloroethene	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Trichlorofluoromethane	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
Vinyl acetate	ND	50	1	B9E0370	05/10/2019	05/10/19 18:28	
Vinyl chloride	ND	5.0	1	B9E0370	05/10/2019	05/10/19 18:28	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>101 %</i>	<i>60 - 145</i>		B9E0370	05/10/2019	<i>05/10/19 18:28</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>90.4 %</i>	<i>68 - 121</i>		B9E0370	05/10/2019	<i>05/10/19 18:28</i>	
<i>Surrogate: Dibromofluoromethane</i>	<i>105 %</i>	<i>65 - 137</i>		B9E0370	05/10/2019	<i>05/10/19 18:28</i>	
<i>Surrogate: Toluene-d8</i>	<i>96.2 %</i>	<i>82 - 119</i>		B9E0370	05/10/2019	<i>05/10/19 18:28</i>	



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Project Number : 185804443  
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### QUALITY CONTROL SECTION

#### Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>Batch B9E0414 - EPA 3050B_S</b>										
<b>Blank (B9E0414-BLK1)</b>										
					Prepared: 5/11/2019 Analyzed: 5/13/2019					
Arsenic	ND	1.0	0.12							
Lead	ND	1.0	0.18							
<b>LCS (B9E0414-BS1)</b>										
					Prepared: 5/11/2019 Analyzed: 5/13/2019					
Arsenic	41.3272	1.0	0.12	50.0000		82.7	80 - 120			
Lead	41.2121	1.0	0.18	50.0000		82.4	80 - 120			
<b>Matrix Spike (B9E0414-MS1)</b>										
					<b>Source: 1901920-01</b>		Prepared: 5/11/2019 Analyzed: 5/13/2019			
Arsenic	85.5384	1.0	0.12	124.378	2.22901	67.0	49 - 96			
Lead	84.7121	1.0	0.18	124.378	4.25231	64.7	29 - 126			
<b>Matrix Spike Dup (B9E0414-MSD1)</b>										
					<b>Source: 1901920-01</b>		Prepared: 5/11/2019 Analyzed: 5/13/2019			
Arsenic	84.6603	1.0	0.12	124.378	2.22901	66.3	49 - 96	1.03	20	
Lead	83.8059	1.0	0.18	124.378	4.25231	64.0	29 - 126	1.08	20	



## Certificate of Analysis

Stantec 735 E. Carnegie Drive, Suite 280 San Bernardino, CA 92408	Project Number : 185804443 Report To : Alicia Jansen Reported : 05/14/2019
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### Gasoline Range Organics by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B9E0373 - GCVOA\_S**

**Blank (B9E0373-BLK1)**

Prepared: 5/10/2019 Analyzed: 5/10/2019

Gasoline Range Organics	ND	1.0	0.20							
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<i>Surrogate: 4-Bromofluorobenzene</i>	0.2108			0.200000		105	45 - 149			
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**LCS (B9E0373-BS1)**

Prepared: 5/10/2019 Analyzed: 5/10/2019

Gasoline Range Organics	4.80300	1.0	0.20	5.00000		96.1	70 - 130			
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<i>Surrogate: 4-Bromofluorobenzene</i>	0.2136			0.200000		107	45 - 149			
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**LCS Dup (B9E0373-BSD1)**

Prepared: 5/10/2019 Analyzed: 5/10/2019

Gasoline Range Organics	5.07300	1.0	0.20	5.00000		101	70 - 130	5.47	20	
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<i>Surrogate: 4-Bromofluorobenzene</i>	0.2150			0.200000		108	45 - 149			
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**Matrix Spike (B9E0373-MS1)**

**Source: 1901850-02**

Prepared: 5/10/2019 Analyzed: 5/10/2019

Gasoline Range Organics	4.11200	1.0	0.20	5.00000	ND	82.2	24 - 129			
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<i>Surrogate: 4-Bromofluorobenzene</i>	0.2216			0.200000		111	45 - 149			
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**Matrix Spike Dup (B9E0373-MSD1)**

**Source: 1901850-02**

Prepared: 5/10/2019 Analyzed: 5/10/2019

Gasoline Range Organics	1.66000	1.0	0.20	5.00000	ND	33.2	24 - 129	85.0	20	R
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<i>Surrogate: 4-Bromofluorobenzene</i>	0.09484			0.200000		47.4	45 - 149			
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## Certificate of Analysis

Stantec  
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 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Alicia Jansen  
 Reported : 05/14/2019

### Gasoline Range Organics by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
<b>Batch B9E0450 - GCVOA_S</b>										
<b>Blank (B9E0450-BLK1)</b>										
					Prepared: 5/14/2019 Analyzed: 5/14/2019					
Gasoline Range Organics	ND	1.0	0.20							
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1785			0.200000		89.2	45 - 149			
<b>LCS (B9E0450-BS1)</b>										
					Prepared: 5/14/2019 Analyzed: 5/14/2019					
Gasoline Range Organics	4.04700	1.0	0.20	5.00000		80.9	70 - 130			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1745			0.200000		87.3	45 - 149			
<b>Matrix Spike (B9E0450-MS1)</b>										
			<b>Source: 1901824-17</b>			Prepared: 5/14/2019 Analyzed: 5/14/2019				
Gasoline Range Organics	4.35600	1.0	0.20	5.00000	ND	87.1	24 - 129			
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1819			0.200000		90.9	45 - 149			
<b>Matrix Spike Dup (B9E0450-MSD1)</b>										
			<b>Source: 1901824-17</b>			Prepared: 5/14/2019 Analyzed: 5/14/2019				
Gasoline Range Organics	4.33400	1.0	0.20	5.00000	ND	86.7	24 - 129	0.506	20	
<i>Surrogate: 4-Bromofluorobenzene</i>	0.1850			0.200000		92.5	45 - 149			



## Certificate of Analysis

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San Bernardino, CA 92408

Project Number : 185804443  
Report To : Alicia Jansen  
Reported : 05/14/2019

### Diesel Range Organics by EPA 8015B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B9E0377 - GCSEMI\_DRO\_S**

**Blank (B9E0377-BLK1)**

Prepared: 5/10/2019 Analyzed: 5/10/2019

DRO	ND	10	10						
ORO	ND	10	10						

*Surrogate: p-Terphenyl*

71.60 80.0000 89.5 58 - 172

**LCS (B9E0377-BS1)**

Prepared: 5/10/2019 Analyzed: 5/10/2019

DRO	1203.55	10	10	1000.00		120	71 - 165		
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*Surrogate: p-Terphenyl*

91.12 80.0000 114 58 - 172

**Matrix Spike (B9E0377-MS1)**

**Source: 1901907-01**

Prepared: 5/10/2019 Analyzed: 5/10/2019

DRO	892.120	10	10	1000.00	ND	89.2	61 - 171		
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*Surrogate: p-Terphenyl*

70.16 80.0000 87.7 58 - 172

**Matrix Spike Dup (B9E0377-MSD1)**

**Source: 1901907-01**

Prepared: 5/10/2019 Analyzed: 5/10/2019

DRO	1059.59	10	10	1000.00	ND	106	61 - 171	17.2	20
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*Surrogate: p-Terphenyl*

79.60 80.0000 99.5 58 - 172



# Certificate of Analysis

Stantec  
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 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Alicia Jansen  
 Reported : 05/14/2019

## Organochlorine Pesticides by EPA 8081 - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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### Batch B9E0396 - GCSEMI\_PCB/PEST\_S

#### Blank (B9E0396-BLK1)

Prepared: 5/10/2019 Analyzed: 5/12/2019

4,4'-DDD	ND	2.0	0.07							
4,4'-DDD [2C]	ND	2.0	0.07							
4,4'-DDE	ND	2.0	0.11							
4,4'-DDE [2C]	ND	2.0	0.11							
4,4'-DDT	ND	2.0	0.10							
4,4'-DDT [2C]	ND	2.0	0.10							
Aldrin	ND	1.0	0.12							
Aldrin [2C]	ND	1.0	0.12							
alpha-BHC	ND	1.0	0.11							
alpha-BHC [2C]	ND	1.0	0.11							
alpha-Chlordane	ND	1.0	0.12							
alpha-Chlordane [2C]	ND	1.0	0.12							
beta-BHC	ND	1.0	0.06							
beta-BHC [2C]	ND	1.0	0.06							
Chlordane	ND	8.5	1.1							
Chlordane [2C]	ND	8.5	1.1							
delta-BHC	ND	1.0	0.12							
delta-BHC [2C]	ND	1.0	0.12							
Dieldrin	ND	2.0	0.26							
Dieldrin [2C]	ND	2.0	0.26							
Endosulfan I	ND	1.0	0.10							
Endosulfan I [2C]	ND	1.0	0.10							
Endosulfan II	ND	2.0	0.15							
Endosulfan II [2C]	ND	2.0	0.15							
Endosulfan sulfate	ND	2.0	0.16							
Endosulfan Sulfate [2C]	ND	2.0	0.16							
Endrin	ND	2.0	0.14							
Endrin [2C]	ND	2.0	0.14							
Endrin aldehyde	ND	2.0	0.31							
Endrin aldehyde [2C]	ND	2.0	0.31							
Endrin ketone	ND	2.0	0.13							
Endrin ketone [2C]	ND	2.0	0.13							
gamma-BHC	ND	1.0	0.10							
gamma-BHC [2C]	ND	1.0	0.10							
gamma-Chlordane	ND	1.0	0.89							
gamma-Chlordane [2C]	ND	1.0	0.89							
Heptachlor	ND	1.0	0.12							
Heptachlor [2C]	ND	1.0	0.12							
Heptachlor epoxide	ND	1.0	0.09							
Heptachlor epoxide [2C]	ND	1.0	0.09							
Methoxychlor	ND	5.0	0.18							



## Certificate of Analysis

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Project Number : 185804443  
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Reported : 05/14/2019

### Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B9E0396 - GCSEMI\_PCB/PEST\_S (continued)**

**Blank (B9E0396-BLK1) - Continued**

Prepared: 5/10/2019 Analyzed: 5/12/2019

Methoxychlor [2C]	ND	5.0	0.18
Toxaphene	ND	50	4.7
Toxaphene [2C]	ND	50	4.7

<i>Surrogate: Decachlorobiphenyl</i>	<i>12.48</i>		<i>16.6667</i>	<i>74.9</i>	<i>32 - 91</i>
<i>Surrogate: Decachlorobiphenyl [</i>	<i>10.11</i>		<i>16.6667</i>	<i>60.6</i>	<i>32 - 91</i>
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>9.518</i>		<i>16.6667</i>	<i>57.1</i>	<i>38 - 93</i>
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>10.81</i>		<i>16.6667</i>	<i>64.8</i>	<i>38 - 93</i>

**LCS (B9E0396-BS1)**

Prepared: 5/10/2019 Analyzed: 5/12/2019

4,4'-DDD	12.2748	2.0	0.07	16.6667	73.6	66 - 112
4,4'-DDD [2C]	11.7322	2.0	0.07	16.6667	70.4	66 - 112
4,4'-DDE	11.3322	2.0	0.11	16.6667	68.0	62 - 112
4,4'-DDE [2C]	11.8400	2.0	0.11	16.6667	71.0	62 - 112
4,4'-DDT	10.8668	2.0	0.10	16.6667	65.2	48 - 90
4,4'-DDT [2C]	10.6028	2.0	0.10	16.6667	63.6	48 - 90
Aldrin	12.0143	1.0	0.12	16.6667	72.1	58 - 104
Aldrin [2C]	10.9695	1.0	0.12	16.6667	65.8	58 - 104
alpha-BHC	11.1922	1.0	0.11	16.6667	67.2	57 - 105
alpha-BHC [2C]	11.1053	1.0	0.11	16.6667	66.6	57 - 105
alpha-Chlordane	12.0115	1.0	0.12	16.6667	72.1	62 - 108
alpha-Chlordane [2C]	11.4185	1.0	0.12	16.6667	68.5	62 - 108
beta-BHC	11.8007	1.0	0.06	16.6667	70.8	59 - 106
beta-BHC [2C]	11.0495	1.0	0.06	16.6667	66.3	59 - 106
delta-BHC	12.8040	1.0	0.12	16.6667	76.8	63 - 115
delta-BHC [2C]	12.3137	1.0	0.12	16.6667	73.9	63 - 115
Dieldrin	11.6425	2.0	0.26	16.6667	69.9	59 - 102
Dieldrin [2C]	11.4270	2.0	0.26	16.6667	68.6	59 - 102
Endosulfan I	11.0630	1.0	0.10	16.6667	66.4	61 - 99
Endosulfan I [2C]	10.6697	1.0	0.10	16.6667	64.0	61 - 99
Endosulfan II	12.2008	2.0	0.15	16.6667	73.2	65 - 105
Endosulfan II [2C]	11.6400	2.0	0.15	16.6667	69.8	65 - 105
Endosulfan sulfate	12.6315	2.0	0.16	16.6667	75.8	59 - 107
Endosulfan Sulfate [2C]	12.6373	2.0	0.16	16.6667	75.8	59 - 107
Endrin	15.4817	2.0	0.14	16.6667	92.9	65 - 113
Endrin [2C]	13.8010	2.0	0.14	16.6667	82.8	65 - 113
Endrin aldehyde	12.2097	2.0	0.31	16.6667	73.3	61 - 109
Endrin aldehyde [2C]	10.9878	2.0	0.31	16.6667	65.9	61 - 109
Endrin ketone	10.6757	2.0	0.13	16.6667	64.1	56 - 97
Endrin ketone [2C]	11.0015	2.0	0.13	16.6667	66.0	56 - 97
gamma-BHC	11.6692	1.0	0.10	16.6667	70.0	57 - 101
gamma-BHC [2C]	11.8413	1.0	0.10	16.6667	71.0	57 - 101



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Alicia Jansen  
 Reported : 05/14/2019

## Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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### Batch B9E0396 - GCSEMI\_PCB/PEST\_S (continued)

#### LCS (B9E0396-BS1) - Continued

Prepared: 5/10/2019 Analyzed: 5/12/2019

gamma-Chlordane	11.8655	1.0	0.89	16.6667		71.2	56 - 125			
gamma-Chlordane [2C]	11.2967	1.0	0.89	16.6667		67.8	56 - 125			
Heptachlor	11.9930	1.0	0.12	16.6667		72.0	61 - 105			
Heptachlor [2C]	11.0675	1.0	0.12	16.6667		66.4	61 - 105			
Heptachlor epoxide	11.0738	1.0	0.09	16.6667		66.4	59 - 97			
Heptachlor epoxide [2C]	10.7077	1.0	0.09	16.6667		64.2	59 - 97			
Methoxychlor	13.8488	5.0	0.18	16.6667		83.1	68 - 118			
Methoxychlor [2C]	12.8947	5.0	0.18	16.6667		77.4	68 - 118			

Surrogate: Decachlorobiphenyl	12.92			16.6667		77.5	32 - 91			
Surrogate: Decachlorobiphenyl [	10.10			16.6667		60.6	32 - 91			
Surrogate: Tetrachloro-m-xylene	10.82			16.6667		64.9	38 - 93			
Surrogate: Tetrachloro-m-xylene	11.11			16.6667		66.7	38 - 93			

#### Matrix Spike (B9E0396-MS1)

Source: 1901885-AZ

Prepared: 5/10/2019 Analyzed: 5/12/2019

4,4'-DDD	12.2537	2.0	0.07	16.6667	ND	73.5	33 - 116			
4,4'-DDD [2C]	12.4098	2.0	0.07	16.6667	ND	74.5	33 - 116			
4,4'-DDE	11.1235	2.0	0.11	16.6667	ND	66.7	29 - 128			
4,4'-DDE [2C]	11.2835	2.0	0.11	16.6667	ND	67.7	29 - 128			
4,4'-DDT	13.9963	2.0	0.10	16.6667	ND	84.0	27 - 109			
4,4'-DDT [2C]	13.5148	2.0	0.10	16.6667	ND	81.1	27 - 109			
Aldrin	15.8227	1.0	0.12	16.6667	ND	94.9	34 - 110			
Aldrin [2C]	10.1383	1.0	0.12	16.6667	ND	60.8	34 - 110			
alpha-BHC	11.1135	1.0	0.11	16.6667	ND	66.7	39 - 107			
alpha-BHC [2C]	11.2327	1.0	0.11	16.6667	ND	67.4	39 - 107			
alpha-Chlordane	10.6933	1.0	0.12	16.6667	ND	64.2	37 - 111			
alpha-Chlordane [2C]	10.7137	1.0	0.12	16.6667	ND	64.3	37 - 111			
beta-BHC	11.3447	1.0	0.06	16.6667	ND	68.1	33 - 111			
beta-BHC [2C]	11.6920	1.0	0.06	16.6667	ND	70.2	33 - 111			
delta-BHC	9.42567	1.0	0.12	16.6667	ND	56.6	25 - 122			
delta-BHC [2C]	12.3507	1.0	0.12	16.6667	ND	74.1	25 - 122			
Dieldrin	12.2542	2.0	0.26	16.6667	ND	73.5	28 - 114			
Dieldrin [2C]	11.7980	2.0	0.26	16.6667	ND	70.8	28 - 114			
Endosulfan I	10.3087	1.0	0.10	16.6667	ND	61.9	35 - 107			
Endosulfan I [2C]	10.1377	1.0	0.10	16.6667	ND	60.8	35 - 107			
Endosulfan II	11.9177	2.0	0.15	16.6667	ND	71.5	13 - 122			
Endosulfan II [2C]	12.0940	2.0	0.15	16.6667	ND	72.6	13 - 122			
Endosulfan sulfate	13.4155	2.0	0.16	16.6667	ND	80.5	13 - 120			
Endosulfan Sulfate [2C]	13.8103	2.0	0.16	16.6667	ND	82.9	13 - 120			
Endrin	15.5467	2.0	0.14	16.6667	ND	93.3	31 - 121			
Endrin [2C]	15.3278	2.0	0.14	16.6667	ND	92.0	31 - 121			
Endrin aldehyde	12.8950	2.0	0.31	16.6667	ND	77.4	18 - 129			



## Certificate of Analysis

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Report To : Alicia Jansen  
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### Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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#### Batch B9E0396 - GCSEMI\_PCB/PEST\_S (continued)

##### Matrix Spike (B9E0396-MS1) - Continued

Source: 1901885-AZ

Prepared: 5/10/2019 Analyzed: 5/12/2019

Endrin aldehyde [2C]	11.2693	2.0	0.31	16.6667	ND	67.6	18 - 129			
Endrin ketone	16.1047	2.0	0.13	16.6667	ND	96.6	14 - 113			
Endrin ketone [2C]	13.4403	2.0	0.13	16.6667	ND	80.6	14 - 113			
gamma-BHC	10.9525	1.0	0.10	16.6667	ND	65.7	34 - 104			
gamma-BHC [2C]	11.9028	1.0	0.10	16.6667	ND	71.4	34 - 104			
gamma-Chlordane	11.0183	1.0	0.89	16.6667	ND	66.1	35 - 121			
gamma-Chlordane [2C]	10.3622	1.0	0.89	16.6667	ND	62.2	35 - 121			
Heptachlor	9.80050	1.0	0.12	16.6667	ND	58.8	35 - 110			
Heptachlor [2C]	11.6077	1.0	0.12	16.6667	ND	69.6	35 - 110			
Heptachlor epoxide	9.07683	1.0	0.09	16.6667	ND	54.5	31 - 106			
Heptachlor epoxide [2C]	11.1707	1.0	0.09	16.6667	ND	67.0	31 - 106			
Methoxychlor	15.1167	5.0	0.18	16.6667	ND	90.7	21 - 128			
Methoxychlor [2C]	13.9807	5.0	0.18	16.6667	ND	83.9	21 - 128			

Surrogate: Decachlorobiphenyl	13.07			16.6667		78.4	32 - 91			
Surrogate: Decachlorobiphenyl [	13.56			16.6667		81.4	32 - 91			
Surrogate: Tetrachloro-m-xylene	12.78			16.6667		76.7	38 - 93			
Surrogate: Tetrachloro-m-xylene	10.37			16.6667		62.2	38 - 93			

##### Matrix Spike Dup (B9E0396-MSD1)

Source: 1901885-AZ

Prepared: 5/10/2019 Analyzed: 5/12/2019

4,4'-DDD	14.5405	2.0	0.07	16.6667	ND	87.2	33 - 116	17.1	20	
4,4'-DDD [2C]	11.8835	2.0	0.07	16.6667	ND	71.3	33 - 116	4.33	20	
4,4'-DDE	9.54133	2.0	0.11	16.6667	ND	57.2	29 - 128	15.3	20	
4,4'-DDE [2C]	11.9378	2.0	0.11	16.6667	ND	71.6	29 - 128	5.64	20	
4,4'-DDT	14.2312	2.0	0.10	16.6667	ND	85.4	27 - 109	1.66	20	
4,4'-DDT [2C]	13.0458	2.0	0.10	16.6667	ND	78.3	27 - 109	3.53	20	
Aldrin	22.0138	1.0	0.12	16.6667	ND	132	34 - 110	32.7	20	R3
Aldrin [2C]	9.66717	1.0	0.12	16.6667	ND	58.0	34 - 110	4.76	20	
alpha-BHC	10.5407	1.0	0.11	16.6667	ND	63.2	39 - 107	5.29	20	
alpha-BHC [2C]	10.8225	1.0	0.11	16.6667	ND	64.9	39 - 107	3.72	20	
alpha-Chlordane	10.5252	1.0	0.12	16.6667	ND	63.2	37 - 111	1.59	20	
alpha-Chlordane [2C]	10.4053	1.0	0.12	16.6667	ND	62.4	37 - 111	2.92	20	
beta-BHC	10.4817	1.0	0.06	16.6667	ND	62.9	33 - 111	7.91	20	
beta-BHC [2C]	10.9367	1.0	0.06	16.6667	ND	65.6	33 - 111	6.68	20	
delta-BHC	9.18583	1.0	0.12	16.6667	ND	55.1	25 - 122	2.58	20	
delta-BHC [2C]	11.8183	1.0	0.12	16.6667	ND	70.9	25 - 122	4.41	20	
Dieldrin	10.4540	2.0	0.26	16.6667	ND	62.7	28 - 114	15.9	20	
Dieldrin [2C]	11.0487	2.0	0.26	16.6667	ND	66.3	28 - 114	6.56	20	
Endosulfan I	9.65733	1.0	0.10	16.6667	ND	57.9	35 - 107	6.52	20	
Endosulfan I [2C]	9.59517	1.0	0.10	16.6667	ND	57.6	35 - 107	5.50	20	
Endosulfan II	11.0625	2.0	0.15	16.6667	ND	66.4	13 - 122	7.44	20	
Endosulfan II [2C]	12.1660	2.0	0.15	16.6667	ND	73.0	13 - 122	0.594	20	



## Certificate of Analysis

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### Organochlorine Pesticides by EPA 8081 - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>Batch B9E0396 - GCSEMI_PCB/PEST_S (continued)</b>										
<b>Matrix Spike Dup (B9E0396-MSD1) - Continued</b>			<b>Source: 1901885-AZ</b>			<b>Prepared: 5/10/2019 Analyzed: 5/12/2019</b>				
Endosulfan sulfate	9.79217	2.0	0.16	16.6667	ND	58.8	13 - 120	31.2	20	R3
Endosulfan Sulfate [2C]	11.7057	2.0	0.16	16.6667	ND	70.2	13 - 120	16.5	20	
Endrin	16.6477	2.0	0.14	16.6667	ND	99.9	31 - 121	6.84	20	
Endrin [2C]	14.8297	2.0	0.14	16.6667	ND	89.0	31 - 121	3.30	20	
Endrin aldehyde	10.5795	2.0	0.31	16.6667	ND	63.5	18 - 129	19.7	20	
Endrin aldehyde [2C]	10.0497	2.0	0.31	16.6667	ND	60.3	18 - 129	11.4	20	
Endrin ketone	12.4317	2.0	0.13	16.6667	ND	74.6	14 - 113	25.7	20	R3
Endrin ketone [2C]	12.0995	2.0	0.13	16.6667	ND	72.6	14 - 113	10.5	20	
gamma-BHC	10.2857	1.0	0.10	16.6667	ND	61.7	34 - 104	6.28	20	
gamma-BHC [2C]	11.2828	1.0	0.10	16.6667	ND	67.7	34 - 104	5.35	20	
gamma-Chlordane	14.1255	1.0	0.89	16.6667	ND	84.8	35 - 121	24.7	20	R3
gamma-Chlordane [2C]	10.3288	1.0	0.89	16.6667	ND	62.0	35 - 121	0.322	20	
Heptachlor	9.30217	1.0	0.12	16.6667	ND	55.8	35 - 110	5.22	20	
Heptachlor [2C]	10.8895	1.0	0.12	16.6667	ND	65.3	35 - 110	6.38	20	
Heptachlor epoxide	11.0602	1.0	0.09	16.6667	ND	66.4	31 - 106	19.7	20	
Heptachlor epoxide [2C]	11.9678	1.0	0.09	16.6667	ND	71.8	31 - 106	6.89	20	
Methoxychlor	12.9267	5.0	0.18	16.6667	ND	77.6	21 - 128	15.6	20	
Methoxychlor [2C]	11.4842	5.0	0.18	16.6667	ND	68.9	21 - 128	19.6	20	
<i>Surrogate: Decachlorobiphenyl</i>	<i>13.91</i>			<i>16.6667</i>		<i>83.5</i>	<i>32 - 91</i>			
<i>Surrogate: Decachlorobiphenyl [</i>	<i>12.54</i>			<i>16.6667</i>		<i>75.2</i>	<i>32 - 91</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>13.65</i>			<i>16.6667</i>		<i>81.9</i>	<i>38 - 93</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>9.878</i>			<i>16.6667</i>		<i>59.3</i>	<i>38 - 93</i>			



## Certificate of Analysis

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735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
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### Volatile Organic Compounds by EPA 8260B - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B9E0370 - MSVOA\_S**

**LCS (B9E0370-BS1)**

Prepared: 5/10/2019 Analyzed: 5/10/2019

1,1,1,2-Tetrachloroethane	45.9900	5.0	0.96	50.0000		92.0	82 - 114			
1,1,1-Trichloroethane	39.8400	5.0	1.1	50.0000		79.7	70 - 121			
1,1,2,2-Tetrachloroethane	48.3900	5.0	0.62	50.0000		96.8	65 - 116			
1,1,2-Trichloroethane	45.3800	5.0	1.6	50.0000		90.8	73 - 114			
1,1-Dichloroethane	38.4700	5.0	0.81	50.0000		76.9	69 - 117			
1,1-Dichloroethene	33.9600	5.0	2.6	50.0000		67.9	57 - 128			
1,1-Dichloropropene	36.7200	5.0	2.3	50.0000		73.4	76 - 122			L4
1,2,3-Trichloropropane	51.6000	5.0	0.54	50.0000		103	65 - 116			
1,2,3-Trichlorobenzene	52.3000	5.0	1.2	50.0000		105	72 - 130			
1,2,4-Trichlorobenzene	53.9600	5.0	1.1	50.0000		108	74 - 141			
1,2,4-Trimethylbenzene	48.8400	5.0	1.5	50.0000		97.7	81 - 126			
1,2-Dibromo-3-chloropropane	46.9700	10	1.6	50.0000		93.9	63 - 126			
1,2-Dibromoethane	45.2300	5.0	3.2	50.0000		90.5	75 - 113			
1,2-Dichlorobenzene	48.4400	5.0	1.1	50.0000		96.9	83 - 114			
1,2-Dichloroethane	41.8400	5.0	1.2	50.0000		83.7	73 - 115			
1,2-Dichloropropane	42.2100	5.0	1.8	50.0000		84.4	75 - 117			
1,3,5-Trimethylbenzene	48.8000	5.0	1.7	50.0000		97.6	80 - 126			
1,3-Dichlorobenzene	48.9800	5.0	1.3	50.0000		98.0	83 - 113			
1,3-Dichloropropane	45.6100	5.0	1.1	50.0000		91.2	79 - 108			
1,4-Dichlorobenzene	47.9200	5.0	1.2	50.0000		95.8	82 - 114			
2,2-Dichloropropane	39.0000	5.0	1.2	50.0000		78.0	66 - 135			
2-Chlorotoluene	48.0600	5.0	1.6	50.0000		96.1	79 - 117			
4-Chlorotoluene	48.0000	5.0	1.5	50.0000		96.0	77 - 118			
4-Isopropyltoluene	51.2000	5.0	2.3	50.0000		102	81 - 129			
Benzene	76.7700	5.0	0.64	100.000		76.8	78 - 112			L4
Bromobenzene	46.9700	5.0	1.1	50.0000		93.9	79 - 111			
Bromochloromethane	41.6100	5.0	0.64	50.0000		83.2	69 - 116			
Bromodichloromethane	45.0700	5.0	1.2	50.0000		90.1	79 - 111			
Bromoform	46.2100	5.0	0.80	50.0000		92.4	75 - 119			
Bromomethane	37.8300	5.0	2.5	50.0000		75.7	31 - 168			
Carbon disulfide	46.7900	5.0	3.5	50.0000		93.6	54 - 141			
Carbon tetrachloride	41.2200	5.0	1.2	50.0000		82.4	74 - 125			
Chlorobenzene	43.2800	5.0	1.0	50.0000		86.6	83 - 112			
Chloroethane	46.5800	5.0	1.1	50.0000		93.2	53 - 144			
Chloroform	42.0000	5.0	0.82	50.0000		84.0	69 - 118			
Chloromethane	34.0600	5.0	1.4	50.0000		68.1	46 - 137			
cis-1,2-Dichloroethene	40.0500	5.0	0.67	50.0000		80.1	68 - 118			
cis-1,3-Dichloropropene	51.2900	5.0	1.9	50.0000		103	77 - 121			
Di-isopropyl ether	36.8200	5.0	0.55	50.0000		73.6	60 - 129			
Dibromochloromethane	47.1600	5.0	1.0	50.0000		94.3	80 - 111			
Dibromomethane	41.0400	5.0	1.6	50.0000		82.1	78 - 108			



## Certificate of Analysis

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### Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B9E0370 - MSVOA\_S (continued)**

**LCS (B9E0370-BS1) - Continued**

Prepared: 5/10/2019 Analyzed: 5/10/2019

Dichlorodifluoromethane	41.9700	5.0	2.2	50.0000		83.9	41 - 146			
Ethyl Acetate	442.510	50	8.1	500.000		88.5	52 - 130			
Ethyl Ether	437.470	50	6.1	500.000		87.5	54 - 138			
Ethyl tert-butyl ether	40.6300	5.0	0.67	50.0000		81.3	52 - 141			
Ethylbenzene	85.6900	5.0	0.91	100.000		85.7	82 - 121			
Freon-113	44.1100	5.0	2.8	50.0000		88.2	59 - 139			
Hexachlorobutadiene	53.9700	5.0	2.5	50.0000		108	69 - 143			
Isopropylbenzene	50.9900	5.0	1.8	50.0000		102	78 - 124			
m,p-Xylene	89.8700	10	1.5	100.000		89.9	85 - 118			
Methylene chloride	35.8900	5.0	2.3	50.0000		71.8	44 - 146			
MTBE	40.3700	5.0	0.63	50.0000		80.7	61 - 122			
n-Butylbenzene	48.9900	5.0	2.4	50.0000		98.0	78 - 135			
n-Propylbenzene	48.0300	5.0	2.2	50.0000		96.1	78 - 127			
Naphthalene	47.2800	5.0	0.97	50.0000		94.6	68 - 129			
o-Xylene	90.1800	5.0	0.87	100.000		90.2	86 - 118			
sec-Butylbenzene	49.6700	5.0	2.3	50.0000		99.3	80 - 127			
Styrene	45.8800	5.0	1.5	50.0000		91.8	85 - 117			
tert-Amyl methyl ether	43.8100	5.0	0.59	50.0000		87.6	48 - 135			
tert-Butanol	205.060	100	19	250.000		82.0	0 - 175			
tert-Butylbenzene	48.1800	5.0	2.0	50.0000		96.4	81 - 122			
Tetrachloroethene	40.6400	5.0	1.6	50.0000		81.3	77 - 122			
Toluene	84.2000	5.0	0.94	100.000		84.2	79 - 114			
trans-1,2-Dichloroethene	35.6600	5.0	0.59	50.0000		71.3	66 - 125			
trans-1,3-Dichloropropene	48.2200	5.0	2.1	50.0000		96.4	76 - 120			
Trichloroethene	42.5800	5.0	3.1	50.0000		85.2	79 - 117			
Trichlorofluoromethane	35.7600	5.0	1.4	50.0000		71.5	55 - 133			
Vinyl acetate	447.600	50	9.8	500.000		89.5	52 - 141			
Vinyl chloride	37.2600	5.0	1.7	50.0000		74.5	58 - 132			

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.02</i>			<i>50.0000</i>		<i>98.0</i>	<i>60 - 145</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>47.39</i>			<i>50.0000</i>		<i>94.8</i>	<i>68 - 121</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>51.12</i>			<i>50.0000</i>		<i>102</i>	<i>65 - 137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.47</i>			<i>50.0000</i>		<i>98.9</i>	<i>82 - 119</i>			

**LCS Dup (B9E0370-BSD1)**

Prepared: 5/10/2019 Analyzed: 5/10/2019

1,1,1,2-Tetrachloroethane	45.5000	5.0	0.96	50.0000		91.0	82 - 114	1.07	20	
1,1,1-Trichloroethane	39.8200	5.0	1.1	50.0000		79.6	70 - 121	0.0502	20	
1,1,2,2-Tetrachloroethane	46.6800	5.0	0.62	50.0000		93.4	65 - 116	3.60	20	
1,1,2-Trichloroethane	46.8900	5.0	1.6	50.0000		93.8	73 - 114	3.27	20	
1,1-Dichloroethane	38.4100	5.0	0.81	50.0000		76.8	69 - 117	0.156	20	
1,1-Dichloroethene	35.4600	5.0	2.6	50.0000		70.9	57 - 128	4.32	20	
1,1-Dichloropropene	39.5600	5.0	2.3	50.0000		79.1	76 - 122	7.45	20	



## Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Alicia Jansen  
 Reported : 05/14/2019

### Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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**Batch B9E0370 - MSVOA\_S (continued)**

**LCS Dup (B9E0370-BSD1) - Continued**

Prepared: 5/10/2019 Analyzed: 5/10/2019

1,2,3-Trichloropropane	46.4000	5.0	0.54	50.0000		92.8	65 - 116	10.6	20	
1,2,3-Trichlorobenzene	51.9100	5.0	1.2	50.0000		104	72 - 130	0.748	20	
1,2,4-Trichlorobenzene	50.3300	5.0	1.1	50.0000		101	74 - 141	6.96	20	
1,2,4-Trimethylbenzene	46.4000	5.0	1.5	50.0000		92.8	81 - 126	5.12	20	
1,2-Dibromo-3-chloropropane	49.6900	10	1.6	50.0000		99.4	63 - 126	5.63	20	
1,2-Dibromoethane	46.1800	5.0	3.2	50.0000		92.4	75 - 113	2.08	20	
1,2-Dichlorobenzene	46.5100	5.0	1.1	50.0000		93.0	83 - 114	4.07	20	
1,2-Dichloroethane	41.2700	5.0	1.2	50.0000		82.5	73 - 115	1.37	20	
1,2-Dichloropropane	43.8900	5.0	1.8	50.0000		87.8	75 - 117	3.90	20	
1,3,5-Trimethylbenzene	45.5900	5.0	1.7	50.0000		91.2	80 - 126	6.80	20	
1,3-Dichlorobenzene	46.1300	5.0	1.3	50.0000		92.3	83 - 113	5.99	20	
1,3-Dichloropropane	43.3700	5.0	1.1	50.0000		86.7	79 - 108	5.03	20	
1,4-Dichlorobenzene	45.8400	5.0	1.2	50.0000		91.7	82 - 114	4.44	20	
2,2-Dichloropropane	38.7700	5.0	1.2	50.0000		77.5	66 - 135	0.591	20	
2-Chlorotoluene	45.8600	5.0	1.6	50.0000		91.7	79 - 117	4.68	20	
4-Chlorotoluene	45.1600	5.0	1.5	50.0000		90.3	77 - 118	6.10	20	
4-Isopropyltoluene	46.6500	5.0	2.3	50.0000		93.3	81 - 129	9.30	20	
Benzene	78.9100	5.0	0.64	100.000		78.9	78 - 112	2.75	20	
Bromobenzene	45.7300	5.0	1.1	50.0000		91.5	79 - 111	2.68	20	
Bromochloromethane	44.9900	5.0	0.64	50.0000		90.0	69 - 116	7.81	20	
Bromodichloromethane	44.1300	5.0	1.2	50.0000		88.3	79 - 111	2.11	20	
Bromoform	45.8900	5.0	0.80	50.0000		91.8	75 - 119	0.695	20	
Bromomethane	41.5300	5.0	2.5	50.0000		83.1	31 - 168	9.32	20	
Carbon disulfide	44.0300	5.0	3.5	50.0000		88.1	54 - 141	6.08	20	
Carbon tetrachloride	42.2500	5.0	1.2	50.0000		84.5	74 - 125	2.47	20	
Chlorobenzene	43.1200	5.0	1.0	50.0000		86.2	83 - 112	0.370	20	
Chloroethane	38.9600	5.0	1.1	50.0000		77.9	53 - 144	17.8	20	
Chloroform	41.4100	5.0	0.82	50.0000		82.8	69 - 118	1.41	20	
Chloromethane	35.0400	5.0	1.4	50.0000		70.1	46 - 137	2.84	20	
cis-1,2-Dichloroethene	40.5900	5.0	0.67	50.0000		81.2	68 - 118	1.34	20	
cis-1,3-Dichloropropene	51.1000	5.0	1.9	50.0000		102	77 - 121	0.371	20	
Di-isopropyl ether	37.8400	5.0	0.55	50.0000		75.7	60 - 129	2.73	20	
Dibromochloromethane	44.4900	5.0	1.0	50.0000		89.0	80 - 111	5.83	20	
Dibromomethane	44.1000	5.0	1.6	50.0000		88.2	78 - 108	7.19	20	
Dichlorodifluoromethane	39.2200	5.0	2.2	50.0000		78.4	41 - 146	6.77	20	
Ethyl Acetate	431.980	50	8.1	500.000		86.4	52 - 130	2.41	20	
Ethyl Ether	445.780	50	6.1	500.000		89.2	54 - 138	1.88	20	
Ethyl tert-butyl ether	40.2300	5.0	0.67	50.0000		80.5	52 - 141	0.989	20	
Ethylbenzene	84.7400	5.0	0.91	100.000		84.7	82 - 121	1.11	20	
Freon-113	42.1500	5.0	2.8	50.0000		84.3	59 - 139	4.54	20	
Hexachlorobutadiene	50.6800	5.0	2.5	50.0000		101	69 - 143	6.29	20	
Isopropylbenzene	47.5800	5.0	1.8	50.0000		95.2	78 - 124	6.92	20	



## Certificate of Analysis

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735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

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Report To : Alicia Jansen  
Reported : 05/14/2019

### Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B9E0370 - MSVOA\_S (continued)**

**LCS Dup (B9E0370-BSD1) - Continued**

Prepared: 5/10/2019 Analyzed: 5/10/2019

m,p-Xylene	88.3200	10	1.5	100.000		88.3	85 - 118	1.74	20	
Methylene chloride	38.9500	5.0	2.3	50.0000		77.9	44 - 146	8.18	20	
MTBE	39.2400	5.0	0.63	50.0000		78.5	61 - 122	2.84	20	
n-Butylbenzene	45.4800	5.0	2.4	50.0000		91.0	78 - 135	7.43	20	
n-Propylbenzene	46.1800	5.0	2.2	50.0000		92.4	78 - 127	3.93	20	
Naphthalene	45.7500	5.0	0.97	50.0000		91.5	68 - 129	3.29	20	
o-Xylene	89.0400	5.0	0.87	100.000		89.0	86 - 118	1.27	20	
sec-Butylbenzene	45.2600	5.0	2.3	50.0000		90.5	80 - 127	9.29	20	
Styrene	46.6700	5.0	1.5	50.0000		93.3	85 - 117	1.71	20	
tert-Amyl methyl ether	43.3900	5.0	0.59	50.0000		86.8	48 - 135	0.963	20	
tert-Butanol	240.040	100	19	250.000		96.0	0 - 175	15.7	20	
tert-Butylbenzene	46.6200	5.0	2.0	50.0000		93.2	81 - 122	3.29	20	
Tetrachloroethene	37.8300	5.0	1.6	50.0000		75.7	77 - 122	7.16	20	L4
Toluene	84.2900	5.0	0.94	100.000		84.3	79 - 114	0.107	20	
trans-1,2-Dichloroethene	36.6000	5.0	0.59	50.0000		73.2	66 - 125	2.60	20	
trans-1,3-Dichloropropene	50.1200	5.0	2.1	50.0000		100	76 - 120	3.86	20	
Trichloroethene	42.4500	5.0	3.1	50.0000		84.9	79 - 117	0.306	20	
Trichlorofluoromethane	32.9600	5.0	1.4	50.0000		65.9	55 - 133	8.15	20	
Vinyl acetate	443.630	50	9.8	500.000		88.7	52 - 141	0.891	20	
Vinyl chloride	37.0300	5.0	1.7	50.0000		74.1	58 - 132	0.619	20	

<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>53.13</i>			<i>50.0000</i>		<i>106</i>	<i>60 - 145</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>46.94</i>			<i>50.0000</i>		<i>93.9</i>	<i>68 - 121</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>51.08</i>			<i>50.0000</i>		<i>102</i>	<i>65 - 137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.29</i>			<i>50.0000</i>		<i>98.6</i>	<i>82 - 119</i>			

**Matrix Spike (B9E0370-MS1)**

**Source: 1901910-01**

Prepared: 5/10/2019 Analyzed: 5/10/2019

1,1,1,2-Tetrachloroethane	34.9400	5.0	0.96	50.0000	ND	69.9	45 - 121			
1,1,1-Trichloroethane	30.6900	5.0	1.1	50.0000	ND	61.4	43 - 127			
1,1,2,2-Tetrachloroethane	32.9500	5.0	0.62	50.0000	ND	65.9	32 - 128			
1,1,2-Trichloroethane	38.3900	5.0	1.6	50.0000	ND	76.8	45 - 121			
1,1-Dichloroethane	31.5700	5.0	0.81	50.0000	ND	63.1	46 - 119			
1,1-Dichloroethene	29.0400	5.0	2.6	50.0000	ND	58.1	40 - 130			
1,1-Dichloropropene	32.0700	5.0	2.3	50.0000	ND	64.1	45 - 130			
1,2,3-Trichloropropane	37.9200	5.0	0.54	50.0000	ND	75.8	42 - 124			
1,2,3-Trichlorobenzene	17.3800	5.0	1.2	50.0000	ND	34.8	4 - 135			
1,2,4-Trichlorobenzene	20.0200	5.0	1.1	50.0000	ND	40.0	8 - 141			
1,2,4-Trimethylbenzene	28.9500	5.0	1.5	50.0000	ND	57.9	30 - 136			
1,2-Dibromo-3-chloropropane	35.6100	10	1.6	50.0000	ND	71.2	38 - 132			
1,2-Dibromoethane	36.8600	5.0	3.2	50.0000	ND	73.7	45 - 121			
1,2-Dichlorobenzene	28.5300	5.0	1.1	50.0000	ND	57.1	30 - 125			
1,2-Dichloroethane	33.8300	5.0	1.2	50.0000	ND	67.7	51 - 115			



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino , CA 92408

Project Number : 185804443  
 Report To : Alicia Jansen  
 Reported : 05/14/2019

## Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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### Batch B9E0370 - MSVOA\_S (continued)

#### Matrix Spike (B9E0370-MS1) - Continued

Source: 1901910-01

Prepared: 5/10/2019 Analyzed: 5/10/2019

1,2-Dichloropropane	31.9600	5.0	1.8	50.0000	ND	63.9	50 - 118			
1,3,5-Trimethylbenzene	29.4300	5.0	1.7	50.0000	ND	58.9	29 - 137			
1,3-Dichlorobenzene	28.1300	5.0	1.3	50.0000	ND	56.3	30 - 124			
1,3-Dichloropropane	35.1500	5.0	1.1	50.0000	ND	70.3	49 - 116			
1,4-Dichlorobenzene	28.1200	5.0	1.2	50.0000	ND	56.2	31 - 124			
2,2-Dichloropropane	30.4700	5.0	1.2	50.0000	ND	60.9	41 - 134			
2-Chlorotoluene	30.1200	5.0	1.6	50.0000	ND	60.2	32 - 127			
4-Chlorotoluene	30.4300	5.0	1.5	50.0000	ND	60.9	34 - 124			
4-Isopropyltoluene	27.6400	5.0	2.3	50.0000	ND	55.3	26 - 141			
Benzene	64.5900	5.0	0.64	100.000	ND	64.6	48 - 117			
Bromobenzene	31.8900	5.0	1.1	50.0000	ND	63.8	40 - 117			
Bromochloromethane	31.8800	5.0	0.64	50.0000	ND	63.8	48 - 117			
Bromodichloromethane	35.6400	5.0	1.2	50.0000	ND	71.3	49 - 115			
Bromoform	33.4800	5.0	0.80	50.0000	ND	67.0	42 - 127			
Bromomethane	31.7600	5.0	2.5	50.0000	ND	63.5	19 - 157			
Carbon disulfide	34.4100	5.0	3.5	50.0000	ND	68.8	34 - 138			
Carbon tetrachloride	35.3200	5.0	1.2	50.0000	ND	70.6	43 - 130			
Chlorobenzene	32.2700	5.0	1.0	50.0000	ND	64.5	41 - 122			
Chloroethane	30.0600	5.0	1.1	50.0000	ND	60.1	32 - 145			
Chloroform	34.1400	5.0	0.82	50.0000	ND	68.3	46 - 118			
Chloromethane	29.3800	5.0	1.4	50.0000	ND	58.8	34 - 132			
cis-1,2-Dichloroethene	30.8200	5.0	0.67	50.0000	ND	61.6	44 - 119			
cis-1,3-Dichloropropene	39.6300	5.0	1.9	50.0000	ND	79.3	44 - 126			
Di-isopropyl ether	28.7500	5.0	0.55	50.0000	ND	57.5	42 - 126			
Dibromochloromethane	37.1200	5.0	1.0	50.0000	ND	74.2	46 - 119			
Dibromomethane	37.0800	5.0	1.6	50.0000	ND	74.2	52 - 114			
Dichlorodifluoromethane	36.2100	5.0	2.2	50.0000	ND	72.4	22 - 147			
Ethyl Acetate	282.600	50	8.1	500.000	ND	56.5	9 - 140			
Ethyl Ether	330.740	50	6.1	500.000	ND	66.1	45 - 131			
Ethyl tert-butyl ether	31.7800	5.0	0.67	50.0000	ND	63.6	33 - 138			
Ethylbenzene	62.7100	5.0	0.91	100.000	ND	62.7	38 - 131			
Freon-113	32.1400	5.0	2.8	50.0000	ND	64.3	38 - 140			
Hexachlorobutadiene	17.1700	5.0	2.5	50.0000	ND	34.3	4 - 141			
Isopropylbenzene	33.2400	5.0	1.8	50.0000	ND	66.5	35 - 133			
m,p-Xylene	65.8700	10	1.5	100.000	ND	65.9	38 - 130			
Methylene chloride	28.5000	5.0	2.3	50.0000	ND	57.0	26 - 137			
MTBE	30.4600	5.0	0.63	50.0000	ND	60.9	45 - 121			
n-Butylbenzene	25.3500	5.0	2.4	50.0000	ND	50.7	18 - 144			
n-Propylbenzene	29.5700	5.0	2.2	50.0000	ND	59.1	30 - 137			
Naphthalene	21.8700	5.0	0.97	50.0000	ND	43.7	14 - 137			
o-Xylene	62.6600	5.0	0.87	100.000	ND	62.7	41 - 129			
sec-Butylbenzene	28.1200	5.0	2.3	50.0000	ND	56.2	24 - 140			



## Certificate of Analysis

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### Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B9E0370 - MSVOA\_S (continued)**

**Matrix Spike (B9E0370-MS1) - Continued**

**Source: 1901910-01**

Prepared: 5/10/2019 Analyzed: 5/10/2019

Styrene	32.3600	5.0	1.5	50.0000	ND	64.7	41 - 125			
tert-Amyl methyl ether	32.8100	5.0	0.59	50.0000	ND	65.6	31 - 133			
tert-Butanol	198.160	100	19	250.000	ND	79.3	0 - 201			
tert-Butylbenzene	30.5700	5.0	2.0	50.0000	ND	61.1	30 - 134			
Tetrachloroethane	31.4700	5.0	1.6	50.0000	ND	62.9	37 - 130			
Toluene	66.6100	5.0	0.94	100.000	ND	66.6	45 - 122			
trans-1,2-Dichloroethene	28.7700	5.0	0.59	50.0000	ND	57.5	46 - 122			
trans-1,3-Dichloropropene	38.4700	5.0	2.1	50.0000	ND	76.9	44 - 124			
Trichloroethene	37.4300	5.0	3.1	50.0000	ND	74.9	36 - 142			
Trichlorofluoromethane	29.8200	5.0	1.4	50.0000	ND	59.6	37 - 135			
Vinyl acetate	143.240	50	9.8	500.000	ND	28.6	0 - 136			
Vinyl chloride	29.4000	5.0	1.7	50.0000	ND	58.8	42 - 131			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>49.79</i>			<i>50.0000</i>		<i>99.6</i>	<i>60 - 145</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>45.81</i>			<i>50.0000</i>		<i>91.6</i>	<i>68 - 121</i>			
<i>Surrogate: Dibromofluoromethane</i>	<i>48.14</i>			<i>50.0000</i>		<i>96.3</i>	<i>65 - 137</i>			
<i>Surrogate: Toluene-d8</i>	<i>50.71</i>			<i>50.0000</i>		<i>101</i>	<i>82 - 119</i>			

**Matrix Spike Dup (B9E0370-MSD1)**

**Source: 1901910-01**

Prepared: 5/10/2019 Analyzed: 5/10/2019

1,1,1,2-Tetrachloroethane	37.2100	5.0	0.96	50.0000	ND	74.4	45 - 121	6.29	20	
1,1,1-Trichloroethane	33.2100	5.0	1.1	50.0000	ND	66.4	43 - 127	7.89	20	
1,1,2,2-Tetrachloroethane	36.7200	5.0	0.62	50.0000	ND	73.4	32 - 128	10.8	20	
1,1,2-Trichloroethane	38.6600	5.0	1.6	50.0000	ND	77.3	45 - 121	0.701	20	
1,1-Dichloroethane	31.4800	5.0	0.81	50.0000	ND	63.0	46 - 119	0.285	20	
1,1-Dichloroethene	31.4500	5.0	2.6	50.0000	ND	62.9	40 - 130	7.97	20	
1,1-Dichloropropene	32.3300	5.0	2.3	50.0000	ND	64.7	45 - 130	0.807	20	
1,2,3-Trichloropropane	40.6500	5.0	0.54	50.0000	ND	81.3	42 - 124	6.95	20	
1,2,3-Trichlorobenzene	22.1300	5.0	1.2	50.0000	ND	44.3	4 - 135	24.0	20	R
1,2,4-Trichlorobenzene	23.0800	5.0	1.1	50.0000	ND	46.2	8 - 141	14.2	20	
1,2,4-Trimethylbenzene	32.0000	5.0	1.5	50.0000	ND	64.0	30 - 136	10.0	20	
1,2-Dibromo-3-chloropropane	39.5600	10	1.6	50.0000	ND	79.1	38 - 132	10.5	20	
1,2-Dibromoethane	37.2600	5.0	3.2	50.0000	ND	74.5	45 - 121	1.08	20	
1,2-Dichlorobenzene	31.7900	5.0	1.1	50.0000	ND	63.6	30 - 125	10.8	20	
1,2-Dichloroethane	33.7400	5.0	1.2	50.0000	ND	67.5	51 - 115	0.266	20	
1,2-Dichloropropane	34.1500	5.0	1.8	50.0000	ND	68.3	50 - 118	6.63	20	
1,3,5-Trimethylbenzene	31.8000	5.0	1.7	50.0000	ND	63.6	29 - 137	7.74	20	
1,3-Dichlorobenzene	31.0200	5.0	1.3	50.0000	ND	62.0	30 - 124	9.77	20	
1,3-Dichloropropane	35.7200	5.0	1.1	50.0000	ND	71.4	49 - 116	1.61	20	
1,4-Dichlorobenzene	31.3100	5.0	1.2	50.0000	ND	62.6	31 - 124	10.7	20	
2,2-Dichloropropane	30.8100	5.0	1.2	50.0000	ND	61.6	41 - 134	1.11	20	
2-Chlorotoluene	33.1000	5.0	1.6	50.0000	ND	66.2	32 - 127	9.43	20	
4-Chlorotoluene	33.3600	5.0	1.5	50.0000	ND	66.7	34 - 124	9.19	20	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Alicia Jansen  
Reported : 05/14/2019

### Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B9E0370 - MSVOA\_S (continued)**

**Matrix Spike Dup (B9E0370-MSD1) - Continued**

**Source: 1901910-01**

Prepared: 5/10/2019 Analyzed: 5/10/2019

4-Isopropyltoluene	31.2600	5.0	2.3	50.0000	ND	62.5	26 - 141	12.3	20	
Benzene	64.7000	5.0	0.64	100.0000	ND	64.7	48 - 117	0.170	20	
Bromobenzene	35.3500	5.0	1.1	50.0000	ND	70.7	40 - 117	10.3	20	
Bromochloromethane	34.3700	5.0	0.64	50.0000	ND	68.7	48 - 117	7.52	20	
Bromodichloromethane	36.4400	5.0	1.2	50.0000	ND	72.9	49 - 115	2.22	20	
Bromoform	35.6800	5.0	0.80	50.0000	ND	71.4	42 - 127	6.36	20	
Bromomethane	35.2200	5.0	2.5	50.0000	ND	70.4	19 - 157	10.3	20	
Carbon disulfide	31.5600	5.0	3.5	50.0000	ND	63.1	34 - 138	8.64	20	
Carbon tetrachloride	32.9100	5.0	1.2	50.0000	ND	65.8	43 - 130	7.06	20	
Chlorobenzene	34.0500	5.0	1.0	50.0000	ND	68.1	41 - 122	5.37	20	
Chloroethane	31.7000	5.0	1.1	50.0000	ND	63.4	32 - 145	5.31	20	
Chloroform	34.2200	5.0	0.82	50.0000	ND	68.4	46 - 118	0.234	20	
Chloromethane	27.6200	5.0	1.4	50.0000	ND	55.2	34 - 132	6.18	20	
cis-1,2-Dichloroethene	32.9400	5.0	0.67	50.0000	ND	65.9	44 - 119	6.65	20	
cis-1,3-Dichloropropene	40.1400	5.0	1.9	50.0000	ND	80.3	44 - 126	1.28	20	
Di-isopropyl ether	32.2300	5.0	0.55	50.0000	ND	64.5	42 - 126	11.4	20	
Dibromochloromethane	36.2100	5.0	1.0	50.0000	ND	72.4	46 - 119	2.48	20	
Dibromomethane	37.9400	5.0	1.6	50.0000	ND	75.9	52 - 114	2.29	20	
Dichlorodifluoromethane	34.5400	5.0	2.2	50.0000	ND	69.1	22 - 147	4.72	20	
Ethyl Acetate	305.400	50	8.1	500.000	ND	61.1	9 - 140	7.76	20	
Ethyl Ether	357.990	50	6.1	500.000	ND	71.6	45 - 131	7.91	20	
Ethyl tert-butyl ether	34.5800	5.0	0.67	50.0000	ND	69.2	33 - 138	8.44	20	
Ethylbenzene	63.9300	5.0	0.91	100.000	ND	63.9	38 - 131	1.93	20	
Freon-113	32.0700	5.0	2.8	50.0000	ND	64.1	38 - 140	0.218	20	
Hexachlorobutadiene	21.0300	5.0	2.5	50.0000	ND	42.1	4 - 141	20.2	20	R
Isopropylbenzene	37.0500	5.0	1.8	50.0000	ND	74.1	35 - 133	10.8	20	
m,p-Xylene	67.8400	10	1.5	100.000	ND	67.8	38 - 130	2.95	20	
Methylene chloride	31.3000	5.0	2.3	50.0000	ND	62.6	26 - 137	9.36	20	
MTBE	34.4400	5.0	0.63	50.0000	ND	68.9	45 - 121	12.3	20	
n-Butylbenzene	28.4000	5.0	2.4	50.0000	ND	56.8	18 - 144	11.3	20	
n-Propylbenzene	33.1500	5.0	2.2	50.0000	ND	66.3	30 - 137	11.4	20	
Naphthalene	25.0800	5.0	0.97	50.0000	ND	50.2	14 - 137	13.7	20	
o-Xylene	64.9500	5.0	0.87	100.000	ND	65.0	41 - 129	3.59	20	
sec-Butylbenzene	30.9500	5.0	2.3	50.0000	ND	61.9	24 - 140	9.58	20	
Styrene	33.0900	5.0	1.5	50.0000	ND	66.2	41 - 125	2.23	20	
tert-Amyl methyl ether	35.6000	5.0	0.59	50.0000	ND	71.2	31 - 133	8.16	20	
tert-Butanol	239.470	100	19	250.000	ND	95.8	0 - 201	18.9	20	
tert-Butylbenzene	32.6800	5.0	2.0	50.0000	ND	65.4	30 - 134	6.67	20	
Tetrachloroethene	30.8000	5.0	1.6	50.0000	ND	61.6	37 - 130	2.15	20	
Toluene	67.5400	5.0	0.94	100.000	ND	67.5	45 - 122	1.39	20	
trans-1,2-Dichloroethene	30.2000	5.0	0.59	50.0000	ND	60.4	46 - 122	4.85	20	
trans-1,3-Dichloropropene	38.2800	5.0	2.1	50.0000	ND	76.6	44 - 124	0.495	20	



## Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino , CA 92408

Project Number : 185804443  
 Report To : Alicia Jansen  
 Reported : 05/14/2019

### Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B9E0370 - MSVOA\_S (continued)**

**Matrix Spike Dup (B9E0370-MSD1) - Continued**

**Source: 1901910-01**

Prepared: 5/10/2019 Analyzed: 5/10/2019

Trichloroethene	37.0900	5.0	3.1	50.0000	ND	74.2	36 - 142	0.913	20	
Trichlorofluoromethane	28.7800	5.0	1.4	50.0000	ND	57.6	37 - 135	3.55	20	
Vinyl acetate	130.860	50	9.8	500.000	ND	26.2	0 - 136	9.03	20	
Vinyl chloride	30.4000	5.0	1.7	50.0000	ND	60.8	42 - 131	3.34	20	
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>50.98</i>			<i>50.0000</i>		<i>102</i>	<i>60 - 145</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>44.63</i>			<i>50.0000</i>		<i>89.3</i>	<i>68 - 121</i>			
<i>Surrogate: Dibromofluoromethan</i>	<i>51.08</i>			<i>50.0000</i>		<i>102</i>	<i>65 - 137</i>			
<i>Surrogate: Toluene-d8</i>	<i>49.15</i>			<i>50.0000</i>		<i>98.3</i>	<i>82 - 119</i>			



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Alicia Jansen  
Reported : 05/14/2019

### Notes and Definitions

R3	RPD value outside acceptance criteria. Calculation is based on raw values. The analytical batch was validated by the Laboratory Control Sample (LCS).
R	RPD value outside acceptance criteria. Calculation is based on raw values.
L4	Laboratory Control Sample outside of control limit but within Marginal Exceedance (ME) limit.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

- Notes:
- (1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
  - (2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
  - (3) Results are wet unless otherwise specified.



# CHAIN OF CUSTODY FORM

25864-F-Business Center Dr., Redlands, CA 92374 (909)335-6116, Fax (909) 335-6120

1901920

Page 1 of 2

Client Name/Address:		Project/PO Number:			Laboratory:		Analysis Required						Special Instructions	
StanTec 735 E. Carnegie Drive, Suite 280 San Bernardino, CA 92408		1858041413			ATC									
Project Manager: Alicia Jansen Email Address: Alicia.Jansen@stantech.com		Phone Number: 909-335-6116		Fax Number: 909-335-6120										
Sampler: J. Sargent Joshua.Sargent@stantech.com														
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	TPH (g.d.o)	VOC FOR 8015	pesticides 80814	Arsenic 6010	Lead 6010	HOLD		
HA-1-1	Soil	802	1	5.10.19	0735	ICE			X	X	X			
HA-1-3					0738				X			X		
HA-2-1					0800			X	X	X				
HA-2-3					0804			X	X					
HA-3-1					0948			X	X					
HA-3-3					0950					X				
HA-4-1					1000			X	X					
HA-4-3					1002							X		
SB-01-1					0825			X	X	X				
SB-1-2					0828									
SB-1-3					0830									
SB-1-10					0845									
Relinquished By:		Date/Time: 5.10.19		1315		Received By:		Date/Time: 5/10/19		1315		Turn-Same day		72 hours
Relinquished By:		Date/Time: 5.10.19		1315		Received By:		Date/Time: 5/10/19		1315		Turn-Around: 24 hour		5 days
Relinquished By:		Date/Time: 5.10.19		1315		Received By:		Date/Time: 5/10/19		1315		Turn-Around: 48 hour		normal
Relinquished By:		Date/Time: 5.10.19		1315		Received In Lab By:		Date/Time: 5/10/19		1315		Sample Integrity: (Check)		on ice

Note: By relinquishing samples, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.



15 May 2019

Alicia Jansen  
Stantec - San Bernardino  
735 E Carnegie Dr., Ste 280  
San Bernardino, CA 92408

H&P Project: ST051319-13  
Client Project: 185804443

Dear Alicia Jansen:



Enclosed is the analytical report for the above referenced project. The data herein applies to samples as received by H&P Mobile Geochemistry, Inc. on 13-May-19 which were analyzed in accordance with the attached Chain of Custody record(s).

The results for all sample analyses and required QA/QC analyses are presented in the following sections and summarized in the documents:

- Sample Summary
- Case Narrative (if applicable)
- Sample Results
- Quality Control Summary
- Notes and Definitions / Appendix
- Chain of Custody
- Sampling Logs (if applicable)

Unless otherwise noted, I certify that all analyses were performed and reviewed in compliance with our Quality Systems Manual and Standard Operating Procedures. This report shall not be reproduced, except in full, without the written approval of H&P Mobile Geochemistry, Inc.

We at H&P Mobile Geochemistry, Inc. sincerely appreciate the opportunity to provide analytical services to you on this project. If you have any questions or concerns regarding this analytical report, please contact me at your convenience at 760-804-9678.

Sincerely,



Janis La Roux  
Laboratory Director

H&P Mobile Geochemistry, Inc. is certified under the California ELAP and the National Environmental Laboratory Accreditation Conference (NELAC). H&P is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs, accreditation number 69070 for EPA Method TO-15, H&P Method TO-15, EPA Method 8260B and H&P 8260SV.

Stantec - San Bernardino  
735 E Carnegie Dr., Ste 280  
San Bernardino, CA 92408

Project: ST051319-13  
Project Number: 185804443  
Project Manager: Alicia Jansen

Reported:  
15-May-19 12:26

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SB-1-7	E905048-01	Vapor	10-May-19	13-May-19
SB-2-7	E905048-02	Vapor	10-May-19	13-May-19

Stantec - San Bernardino  
735 E Carnegie Dr., Ste 280  
San Bernardino, CA 92408

Project: ST051319-13  
Project Number: 185804443  
Project Manager: Alicia Jansen

Reported:  
15-May-19 12:26

**DETECTIONS SUMMARY**

Sample ID: **SB-1-7**

Laboratory ID: **E905048-01**

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Chloromethane	2.9	1.7		ug/m3	EPA TO-15	
Carbon disulfide	3.3	2.5		ug/m3	EPA TO-15	
2-Butanone (MEK)	23	4.8		ug/m3	EPA TO-15	
Chloroform	9.5	2.0		ug/m3	EPA TO-15	
Benzene	9.8	1.3		ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	20	6.6		ug/m3	EPA TO-15	
Toluene	42	6.1		ug/m3	EPA TO-15	
Ethylbenzene	7.3	3.5		ug/m3	EPA TO-15	
m,p-Xylene	33	3.5		ug/m3	EPA TO-15	
o-Xylene	9.3	3.5		ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	5.1	4.0		ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	12	4.0		ug/m3	EPA TO-15	

Sample ID: **SB-2-7**

Laboratory ID: **E905048-02**

Analyte	Result	Reporting		Units	Method	Notes
		Limit				
Chloromethane	4.2	1.7		ug/m3	EPA TO-15	
Methylene chloride (Dichloromethane)	4.3	2.8		ug/m3	EPA TO-15	
Carbon disulfide	5.2	2.5		ug/m3	EPA TO-15	
2-Butanone (MEK)	28	4.8		ug/m3	EPA TO-15	
Chloroform	15	2.0		ug/m3	EPA TO-15	
Benzene	18	1.3		ug/m3	EPA TO-15	
4-Methyl-2-pentanone (MIBK)	40	6.6		ug/m3	EPA TO-15	
Toluene	79	6.1		ug/m3	EPA TO-15	
Tetrachloroethene	37	5.5		ug/m3	EPA TO-15	
Ethylbenzene	15	3.5		ug/m3	EPA TO-15	
m,p-Xylene	66	3.5		ug/m3	EPA TO-15	
o-Xylene	19	3.5		ug/m3	EPA TO-15	
4-Ethyltoluene	6.0	4.0		ug/m3	EPA TO-15	
1,3,5-Trimethylbenzene	11	4.0		ug/m3	EPA TO-15	
1,2,4-Trimethylbenzene	29	4.0		ug/m3	EPA TO-15	

Stantec - San Bernardino  
735 E Carnegie Dr., Ste 280  
San Bernardino, CA 92408

Project: ST051319-13  
Project Number: 185804443  
Project Manager: Alicia Jansen

Reported:  
15-May-19 12:26

**Volatile Organic Compounds by EPA TO-15**

**H&P Mobile Geochemistry, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
<b>SB-1-7 (E905048-01) Vapor Sampled: 10-May-19 Received: 13-May-19</b>									<b>R-02</b>
1,1-Difluoroethane (LCC)	ND	4.4	ug/m3	2	EE91404	14-May-19	14-May-19	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	8.0	"	"	"	"	"	"	
<b>Chloromethane</b>	<b>2.9</b>	1.7	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	5.6	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	3.2	"	"	"	"	"	"	
Chloroethane	ND	2.1	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	4.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	3.2	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	6.2	"	"	"	"	"	"	
Methylene chloride (Dichloromethane)	ND	2.8	"	"	"	"	"	"	
<b>Carbon disulfide</b>	<b>3.3</b>	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	3.2	"	"	"	"	"	"	
1,1-Dichloroethane	ND	3.3	"	"	"	"	"	"	
<b>2-Butanone (MEK)</b>	<b>23</b>	4.8	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	3.2	"	"	"	"	"	"	
<b>Chloroform</b>	<b>9.5</b>	2.0	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.4	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	3.3	"	"	"	"	"	"	
<b>Benzene</b>	<b>9.8</b>	1.3	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.6	"	"	"	"	"	"	
Trichloroethene	ND	4.4	"	"	"	"	"	"	
1,2-Dichloropropane	ND	3.7	"	"	"	"	"	"	
Bromodichloromethane	ND	5.4	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	3.7	"	"	"	"	"	"	
<b>4-Methyl-2-pentanone (MIBK)</b>	<b>20</b>	6.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	3.7	"	"	"	"	"	"	
<b>Toluene</b>	<b>42</b>	6.1	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.4	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	6.6	"	"	"	"	"	"	
Dibromochloromethane	ND	6.9	"	"	"	"	"	"	
Tetrachloroethene	ND	5.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	6.2	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.6	"	"	"	"	"	"	
Chlorobenzene	ND	3.7	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>7.3</b>	3.5	"	"	"	"	"	"	
<b>m,p-Xylene</b>	<b>33</b>	3.5	"	"	"	"	"	"	
Styrene	ND	3.5	"	"	"	"	"	"	

Stantec - San Bernardino  
735 E Carnegie Dr., Ste 280  
San Bernardino, CA 92408

Project: ST051319-13  
Project Number: 185804443  
Project Manager: Alicia Jansen

Reported:  
15-May-19 12:26

**Volatile Organic Compounds by EPA TO-15**

**H&P Mobile Geochemistry, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
<b>SB-1-7 (E905048-01) Vapor Sampled: 10-May-19 Received: 13-May-19</b>									<b>R-02</b>
<b>o-Xylene</b>	<b>9.3</b>	<b>3.5</b>	ug/m3	2	EE91404	14-May-19	14-May-19	EPA TO-15	
Bromoform	ND	8.4	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	4.0	"	"	"	"	"	"	
<b>1,3,5-Trimethylbenzene</b>	<b>5.1</b>	<b>4.0</b>	"	"	"	"	"	"	
<b>1,2,4-Trimethylbenzene</b>	<b>12</b>	<b>4.0</b>	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.9	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.9	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.9	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	"	"	"	"	"	"	
Hexachlorobutadiene	ND	21	"	"	"	"	"	"	

Surrogate: 1,2-Dichloroethane-d4  
Surrogate: Toluene-d8  
Surrogate: 4-Bromofluorobenzene

115 % 76-134 " " " "  
109 % 78-125 " " " "  
91.7 % 77-127 " " " "

<b>SB-2-7 (E905048-02) Vapor Sampled: 10-May-19 Received: 13-May-19</b>									<b>R-02</b>
1,1-Difluoroethane (LCC)	ND	4.4	ug/m3	2	EE91404	14-May-19	14-May-19	EPA TO-15	
Dichlorodifluoromethane (F12)	ND	8.0	"	"	"	"	"	"	
<b>Chloromethane</b>	<b>4.2</b>	<b>1.7</b>	"	"	"	"	"	"	
Dichlorotetrafluoroethane (F114)	ND	5.6	"	"	"	"	"	"	
Vinyl chloride	ND	1.0	"	"	"	"	"	"	
Bromomethane	ND	3.2	"	"	"	"	"	"	
Chloroethane	ND	2.1	"	"	"	"	"	"	
Trichlorofluoromethane (F11)	ND	4.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	3.2	"	"	"	"	"	"	
1,1,2-Trichlorotrifluoroethane (F113)	ND	6.2	"	"	"	"	"	"	
<b>Methylene chloride (Dichloromethane)</b>	<b>4.3</b>	<b>2.8</b>	"	"	"	"	"	"	
<b>Carbon disulfide</b>	<b>5.2</b>	<b>2.5</b>	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	3.2	"	"	"	"	"	"	
1,1-Dichloroethane	ND	3.3	"	"	"	"	"	"	
<b>2-Butanone (MEK)</b>	<b>28</b>	<b>4.8</b>	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	3.2	"	"	"	"	"	"	
<b>Chloroform</b>	<b>15</b>	<b>2.0</b>	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	4.4	"	"	"	"	"	"	
1,2-Dichloroethane (EDC)	ND	3.3	"	"	"	"	"	"	
<b>Benzene</b>	<b>18</b>	<b>1.3</b>	"	"	"	"	"	"	
Carbon tetrachloride	ND	2.6	"	"	"	"	"	"	

Stantec - San Bernardino  
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Project: ST051319-13  
Project Number: 185804443  
Project Manager: Alicia Jansen

Reported:  
15-May-19 12:26

**Volatile Organic Compounds by EPA TO-15**

**H&P Mobile Geochemistry, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution Factor	Batch	Prepared	Analyzed	Method	Notes
<b>SB-2-7 (E905048-02) Vapor</b>									<b>R-02</b>
Sampled: 10-May-19 Received: 13-May-19									
Trichloroethene	ND	4.4	ug/m3	2	EE91404	14-May-19	14-May-19	EPA TO-15	
1,2-Dichloropropane	ND	3.7	"	"	"	"	"	"	
Bromodichloromethane	ND	5.4	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	3.7	"	"	"	"	"	"	
<b>4-Methyl-2-pentanone (MIBK)</b>	<b>40</b>	<b>6.6</b>	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	3.7	"	"	"	"	"	"	
<b>Toluene</b>	<b>79</b>	<b>6.1</b>	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	4.4	"	"	"	"	"	"	
2-Hexanone (MBK)	ND	6.6	"	"	"	"	"	"	
Dibromochloromethane	ND	6.9	"	"	"	"	"	"	
<b>Tetrachloroethene</b>	<b>37</b>	<b>5.5</b>	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	6.2	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	5.6	"	"	"	"	"	"	
Chlorobenzene	ND	3.7	"	"	"	"	"	"	
<b>Ethylbenzene</b>	<b>15</b>	<b>3.5</b>	"	"	"	"	"	"	
<b>m,p-Xylene</b>	<b>66</b>	<b>3.5</b>	"	"	"	"	"	"	
Styrene	ND	3.5	"	"	"	"	"	"	
<b>o-Xylene</b>	<b>19</b>	<b>3.5</b>	"	"	"	"	"	"	
Bromoform	ND	8.4	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	5.6	"	"	"	"	"	"	
<b>4-Ethyltoluene</b>	<b>6.0</b>	<b>4.0</b>	"	"	"	"	"	"	
<b>1,3,5-Trimethylbenzene</b>	<b>11</b>	<b>4.0</b>	"	"	"	"	"	"	
<b>1,2,4-Trimethylbenzene</b>	<b>29</b>	<b>4.0</b>	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	4.9	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	4.9	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	4.9	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	15	"	"	"	"	"	"	
Hexachlorobutadiene	ND	21	"	"	"	"	"	"	
<i>Surrogate: 1,2-Dichloroethane-d4</i>		<i>112 %</i>	<i>76-134</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: Toluene-d8</i>		<i>109 %</i>	<i>78-125</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	
<i>Surrogate: 4-Bromofluorobenzene</i>		<i>91.7 %</i>	<i>77-127</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	<i>"</i>	

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15-May-19 12:26

**Volatile Organic Compounds by EPA TO-15 - Quality Control**  
**H&P Mobile Geochemistry, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch EE91404 - TO-15**

**Blank (EE91404-BLK1)**

Prepared & Analyzed: 14-May-19

1,1-Difluoroethane (LCC)	ND	2.2	ug/m3							
Dichlorodifluoromethane (F12)	ND	4.0	"							
Chloromethane	ND	0.8	"							
Dichlorotetrafluoroethane (F114)	ND	2.8	"							
Vinyl chloride	ND	0.5	"							
Bromomethane	ND	1.6	"							
Chloroethane	ND	1.1	"							
Trichlorofluoromethane (F11)	ND	2.3	"							
1,1-Dichloroethene	ND	1.6	"							
1,1,2-Trichlorotrifluoroethane (F113)	ND	3.1	"							
Methylene chloride (Dichloromethane)	ND	1.4	"							
Carbon disulfide	ND	1.3	"							
trans-1,2-Dichloroethene	ND	1.6	"							
1,1-Dichloroethane	ND	1.6	"							
2-Butanone (MEK)	ND	2.4	"							
cis-1,2-Dichloroethene	ND	1.6	"							
Chloroform	ND	1.0	"							
1,1,1-Trichloroethane	ND	2.2	"							
1,2-Dichloroethane (EDC)	ND	1.6	"							
Benzene	ND	0.6	"							
Carbon tetrachloride	ND	1.3	"							
Trichloroethene	ND	2.2	"							
1,2-Dichloropropane	ND	1.9	"							
Bromodichloromethane	ND	2.7	"							
cis-1,3-Dichloropropene	ND	1.8	"							
4-Methyl-2-pentanone (MIBK)	ND	3.3	"							
trans-1,3-Dichloropropene	ND	1.8	"							
Toluene	ND	3.1	"							
1,1,2-Trichloroethane	ND	2.2	"							
2-Hexanone (MBK)	ND	3.3	"							
Dibromochloromethane	ND	3.5	"							
Tetrachloroethene	ND	2.8	"							
1,2-Dibromoethane (EDB)	ND	3.1	"							
1,1,1,2-Tetrachloroethane	ND	2.8	"							

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**Volatile Organic Compounds by EPA TO-15 - Quality Control**  
**H&P Mobile Geochemistry, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch EE91404 - TO-15**

**Blank (EE91404-BLK1)**

Prepared & Analyzed: 14-May-19

Chlorobenzene	ND	1.9	ug/m3							
Ethylbenzene	ND	1.8	"							
m,p-Xylene	ND	1.8	"							
Styrene	ND	1.7	"							
o-Xylene	ND	1.8	"							
Bromoform	ND	4.2	"							
1,1,2,2-Tetrachloroethane	ND	2.8	"							
4-Ethyltoluene	ND	2.0	"							
1,3,5-Trimethylbenzene	ND	2.0	"							
1,2,4-Trimethylbenzene	ND	2.0	"							
1,3-Dichlorobenzene	ND	2.4	"							
1,4-Dichlorobenzene	ND	2.4	"							
1,2-Dichlorobenzene	ND	2.4	"							
1,2,4-Trichlorobenzene	ND	7.5	"							
Hexachlorobutadiene	ND	11	"							
<i>Surrogate: 1,2-Dichloroethane-d4</i>	47.2		"	41.1		115	76-134			
<i>Surrogate: Toluene-d8</i>	41.4		"	38.5		108	78-125			
<i>Surrogate: 4-Bromofluorobenzene</i>	65.6		"	72.9		90.0	77-127			

**LCS (EE91404-BS1)**

Prepared & Analyzed: 14-May-19

Dichlorodifluoromethane (F12)	23	4.0	ug/m3	20.2		114	59-128			
Vinyl chloride	12	0.5	"	10.4		116	64-127			
Chloroethane	12	1.1	"	10.7		111	63-127			
Trichlorofluoromethane (F11)	24	2.3	"	22.6		106	62-126			
1,1-Dichloroethene	18	1.6	"	16.2		113	61-133			
1,1,2-Trichlorotrifluoroethane (F113)	34	3.1	"	31.0		109	66-126			
Methylene chloride (Dichloromethane)	15	1.4	"	14.2		107	62-115			
trans-1,2-Dichloroethene	17	1.6	"	16.2		103	67-124			
1,1-Dichloroethane	17	1.6	"	16.5		105	68-126			
cis-1,2-Dichloroethene	17	1.6	"	16.0		105	70-121			
Chloroform	22	1.0	"	19.8		109	68-123			
1,1,1-Trichloroethane	25	2.2	"	22.2		111	68-125			
1,2-Dichloroethane (EDC)	19	1.6	"	16.5		112	65-128			

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**Volatile Organic Compounds by EPA TO-15 - Quality Control**  
**H&P Mobile Geochemistry, Inc.**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch EE91404 - TO-15**

**LCS (EE91404-BS1)**

Prepared & Analyzed: 14-May-19

Benzene	14	0.6	ug/m3	13.0		106	69-119			
Carbon tetrachloride	28	1.3	"	25.6		111	68-132			
Trichloroethene	22	2.2	"	21.9		100	71-123			
Toluene	15	3.1	"	15.4		101	66-119			
1,1,2-Trichloroethane	22	2.2	"	22.2		97.0	73-119			
Tetrachloroethene	26	2.8	"	27.6		94.0	66-124			
1,1,1,2-Tetrachloroethane	28	2.8	"	28.0		102	67-129			
Ethylbenzene	16	1.8	"	17.7		91.5	70-124			
m,p-Xylene	16	1.8	"	17.7		89.3	61-134			
o-Xylene	15	1.8	"	17.7		85.0	67-125			
1,1,2,2-Tetrachloroethane	24	2.8	"	28.0		86.9	65-127			
<i>Surrogate: 1,2-Dichloroethane-d4</i>	<i>46.9</i>		<i>"</i>	<i>41.1</i>		<i>114</i>	<i>76-134</i>			
<i>Surrogate: Toluene-d8</i>	<i>41.3</i>		<i>"</i>	<i>38.5</i>		<i>107</i>	<i>78-125</i>			
<i>Surrogate: 4-Bromofluorobenzene</i>	<i>69.9</i>		<i>"</i>	<i>72.9</i>		<i>95.9</i>	<i>77-127</i>			

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### Notes and Definitions

R-02 This sample was diluted due to limited sample volume, resulting in elevated reporting limits.

LCC Leak Check Compound

ND Analyte NOT DETECTED at or above the reporting limit

MDL Method Detection Limit

%REC Percent Recovery

RPD Relative Percent Difference

All soil results are reported in wet weight.

### Appendix

H&P Mobile Geochemistry, Inc. is approved as an Environmental Testing Laboratory and Mobile Laboratory in accordance with the DoD-ELAP Program and ISO/IEC 17025:2005 programs through PJLA, accreditation number 69070 for EPA Method TO-15, H&P Method TO-15, EPA Method 8260B and H&P 8260SV.

H&P is approved by the State of California as an Environmental Laboratory and Mobile Laboratory in conformance with the Environmental Laboratory Accreditation Program (ELAP) for the category of Volatile and Semi-Volatile Organic Chemistry of Hazardous Waste, certification numbers 2740, 2741, 2743 & 2745.

H&P is approved by the State of Louisiana Department of Environmental Quality under the National Environmental Laboratory Accreditation Conference (NELAC) certification number 04138

The complete list of stationary and mobile laboratory certifications along with the fields of testing (FOTs) and analyte lists are available at [www.handpmg.com/about/certifications](http://www.handpmg.com/about/certifications).





**Supplemental Site Investigation Report  
("Supplemental Report")**

1335, 1337, 1341 and 1343 West 141<sup>st</sup> Street  
Gardena, California

January 29, 2020

Prepared for:

The Olson Company  
3010 Old Ranch Parkway, Suite 100

Prepared by:

Stantec Consulting Services Inc.  
735 East Carnegie Drive, Suite 280  
San Bernardino, California 920408



**SUPPLEMENTAL SITE INVESTIGATION REPORT ("SUPPLEMENTAL REPORT")**

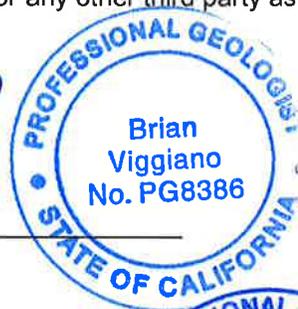
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Prepared by \_\_\_\_\_



(signature)

**Brian Viggiano, PG, Senior Geologist**



Approved by \_\_\_\_\_



(signature)

**Kyle Emerson, CEG, Managing Principal Geologist**



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## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

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Appendix A – Boring Logs

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# SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

Introduction

## 1.0 INTRODUCTION

This Report presents the methodology and findings of continued Phase II Environmental Site Assessment (“ESA”) activities completed by Stantec Consulting Services Inc. (Stantec) at the property associated with address 1335, 1337, 1341 and 1343 West 141<sup>st</sup> Street, Gardena, California (collectively the “Site” or “Property”).

The ESA was performed based on the scope of work set forth in following approved Stantec proposals:

- *Proposal for Supplemental Soil Vapor Evaluation*, dated November 19, 2019; and,
- *Additional Assessment Change Order* (email), dated January 9, 2020.

## 1.1 SITE LOCATION AND DESCRIPTION

The Site consists of approximately 2.02 acres of land developed with a nursery and two residential structures. Surrounding properties are a mix of commercial and residential properties. A Property location map is illustrated on **Figure 1**. A Property map illustrating the main features of the Property is provided as **Figure 2**.



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

### Background

## 2.0 BACKGROUND

According to available historical references, the Site has operated as a nursery since approximately 1950. As part of the nursery operations, a 500-gallon steel-clad unleaded gasoline underground storage tank (UST) was installed at the Site. The UST is reported to have been removed in 1987 under a permit issued by the County of Los Angeles Department of Public Works (LACDPW), but regulatory closure for the tank removal was not obtained. In 1991, a subsurface investigation was conducted by the environmental consultant Tetra Tech, to evaluate Site soils at the former UST location in order to pursue regulatory closure from LACDPW. The investigation consisted of drilling one (1) soil boring to 40 feet below ground surface (bgs) for the purposes of collecting soil samples for laboratory analysis and lithologic description at five-foot intervals. The collected soil samples were composited into a single sample and analyzed for the presence of total petroleum hydrocarbons (TPH) and aromatic volatile organic compounds (AVOCs). The soil sample analyzed reported no presence of target analytes above laboratory reporting limits.

During the 1991 investigation, groundwater was reportedly encountered at a depth of approximately 35 feet bgs and reportedly rose to an elevation of approximately 16 feet bgs, indicating that groundwater is present at the Site under confined conditions. The encountered groundwater was not sampled. In addition, no soil vapor samples appear to have been collected to evaluate soil vapor conditions. The UST case was subsequently transferred to the Los Angeles Regional Water Quality Control Board (LARWQCB) in correspondence dated November 10, 2015. Based on the discussions with LACDPW personnel, the case was apparently transferred due to the absence of groundwater data that would have been required to confirm the absence of any environmental impacts. The case currently appears to be dormant -- no formal file appears to have been created with Regional Board -- and the site is not identified on the State Water Board's online database GeoTracker.

Based on the presence of the open UST case, and the lack of soil vapor data needed to evaluate inhalation risks to future residential receptors, Stantec recommended performing a preliminary Phase II ESA to evaluate soil vapor data in the vicinity of the former UST. Accordingly, as part of the investigation, two soil vapor probes were installed (SB-1 and SB-2) – which were set at 7-feet bgs. Soil vapor samples were collected from the probes and were analyzed for the presence of volatile organic compounds (VOCs) following EPA method 8260B.

The soil vapor sample results reported from May 2019 assessment included generally low concentrations of numerous VOCs including: chloromethane, methylene chloride, carbon disulfide, 2-butanone, chloroform, benzene, 4-methyl-2-pentanone, toluene, tetrachloroethene (PCE), ethylbenzene, xylenes, 4-ethyltoluene, 1,3,5-trimethylbenzene, and 1,2,4-trimethylbenzene. All reported concentrations were reported at concentrations below the DTSC HERO Note 3 and USEPA Regional Screening Levels (RSLs) when compared using an attenuation factor of 0.001 for future residential development. When compared to the attenuation factor of 0.03 concentrations of chloroform, benzene and PCE were found to exceed the residential screening levels northwest portion of the property (**Figure 2a**). The sample results are provided on **Table 1**.



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

### Background

As a result of these findings, Stantec was retained to perform further assessment of Site soil vapor and groundwater to further evaluate Site conditions, the results of which are reported in Stantec’s *Continued Phase II Environmental Site Assessment Report*, dated September 19, 2019. The results of the completed investigations identified the presence of total petroleum hydrocarbons as gasoline (GRO), chloroform, benzene, and tetrachloroethylene (PCE) sporadically in soil vapor samples at concentrations above risk-based screening levels based on a soil vapor to indoor air model attenuation factor of 0.03. The distribution and concentration of sample results are not indicative of a significant onsite release or current groundwater condition. As such, in accordance with DTSC HERO Note 3, which indicates that the 0.03 attenuation factor is recommended for screening sub-slab and “near-source” exterior soil gas, screening levels should be based on an attenuation factor of 0.001 as set forth in the DTSC (2011) *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance)*.

Concentrations of GRO and benzene, toluene, ethylbenzene, and total xylenes (BTEX compounds) may be associated either the former onsite UST or historical low concentrations of petroleum related constituents in groundwater that may have passed through the Site. The sporadic, mostly very low concentrations of chlorinated volatile organic compounds (VOCs) likely originated from an off-site source, such as BP Chemicals, Hitco Gardena/ HITCO Carbon Composite Facility, located approximately 1500 feet northwest of the Site at 1600 West 135<sup>th</sup> Street, in Gardena, which is currently undergoing remediation. There is no known prior on-Site use of chlorinated solvents and chlorinated VOCs have not been detected in the soil matrix.

Analysis of groundwater samples at the two sampled locations reported only trace concentrations of total petroleum hydrocarbons in the diesel range (DRO) and oil range (ORO) analytes. The reported DRO and ORO concentrations are below applicable screening levels for both drinking water and vapor intrusion concern. Moreover, no concentration of GRO or VOC was reported above the laboratory reporting limits (*i.e.*, the samples were non-detect for these analytes). Reported analysis of the soil matrix does not indicate significant residual impacts to soil associated with the former UST.

The absence of GRO, benzene, and other VOC concentrations in groundwater, combined with increasing GRO soil gas concentrations with depth, is indicative of a potential historical groundwater plume that is no longer present on-site. The absence of GRO impacted soils detected on-site support this inference. It is also possible that volatilized concentrations of GRO and benzene may be associated with the former onsite UST, although soil matrix analysis makes this possibility unlikely.

Based on these results, Stantec recommended no further investigation of groundwater at this time.

Subsequent to the above completed investigations, Olson voluntarily elected to perform supplementary soil and soil vapor investigations to evaluate temporal soil vapor concentrations and to further evaluate shallow soil concentrations for the potential presence of pesticides, arsenic and lead. The remainder of this Report presents the results of these supplemental soil and soil vapor investigations.



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

Field Investigation Program

### 3.0 FIELD INVESTIGATION PROGRAM

Site investigations were conducted in following two phases:

- Phase 1 – subsurface soil and soil gas investigation to supplement previously collected shallow soil data for pesticides, arsenic and lead, and to further evaluate soil gas VOC concentrations. The soil gas investigation consisted of the installation of nine additional single or multi-depth soil vapor probes (SV-10 through SV-18) and sampling and testing for VOCs following EPA method 8260B using an on-Site mobile laboratory. Shallow soil samples were collected at depth of one and three feet bgs during installation of the soil vapor probes for analysis of the potential presence of pesticides, lead and arsenic.
- Phase 2 – step-out soil sampling. The second phase of sampling consisted of placing three additional soil borings in the vicinity of both soil boring SV-12 and SV-18 to evaluate the lateral limits of shallow impacts due to lead and the pesticide dieldrin, respectively, above screening levels at each of these locations.

### 3.1 SCOPE OF WORK

The scope of work performed by Stantec included the following general elements:

- Preparation and updating of a Site-specific Health and Safety Plan (HASP);
- Notification of Underground Service Alert (USA) to identify public utility locations;
- Conducting a Site assessment of soil, soil gas and groundwater including the following general elements:
  - Drilling nine (9) direct push technology (DPT) soil borings (SV-10 through SV-18) to facilitate the construction of soil vapor probe sampling points. With the exception of soil boring SV-16, the soil vapor probes were constructed with soil vapor probes set at depths of five and 15 feet bgs. Because of access limitations, SV-16 had to be installed using a hand auger and was limited to installation of a single soil vapor probe set at a depth of five feet bgs.
  - Excavating seven (7) step-out borings (SV-12A through SV-12C and SV-18A through SV-18D) with a hand auger to collect soil samples at depths of one and three feet bgs for chemical analysis.
  - Chemical analysis of selected soil samples for pesticides following EPA method 8081A and for total arsenic and lead following EPA method 6010B.
  - Collecting soil vapor samples from soil vapor probes from all existing and newly installed soil vapor probes following EPA method 8260B using a State of California certified mobile



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

### Field Investigation Program

laboratory. Soil vapor probe SV-8, could not be located during the assessment. Consequently, soil vapor probe SV-8 was not sampled.

- Collecting fixed gas (*i.e.*, methane, carbon dioxide and oxygen) measurements at all existing and newly installed soil vapor probes.
- Preparing a technical report presenting the methodology, results and conclusions of the Site assessment activities.



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

Field Investigation

### 4.0 FIELD INVESTIGATION

On-Site field assessment activities were performed in general accordance with the scopes of work set forth in Stantec’s proposals for environmental Site assessment. All field sampling activities were performed under a Site-specific health and safety plan (HASP). Prior to drilling, the Site boundaries were marked in white paint and Underground Service Alert (USA) was notified a minimum of 48 hours in advance of planned field investigations.

#### 4.1 SUBSURFACE SOIL VAPOR PROBE INSTALLATION

Nine additional soil vapor borings (SV-10 through SV-18) were drilled at the approximate locations depicted on **Figure 2** on November 25, 2019. The soil borings were drilled using a DPT drilling rig equipped with 2.25-inch diameter stainless steel rods. Prior to drilling, a hand auger was used to excavate soils to a depth of five feet bgs to clear for utility lines. During hand-augering, soil samples were collected at depths of one and three feet bgs into laboratory provided glass jars with equipped with Teflon-lined screw-on lids. The samples were labeled to indicate the sample identification and depth and placed in ice-chilled cooler pending transport to the laboratory under chain-of-custody. Once a depth of five feet bgs was reached, the remainder of the boring was drilled with the DPT rig, if necessary, to depths up to approximately 15.5 feet bgs. Soil sampling commenced at a depth of five feet bgs, and subsequent samples were collected at five-foot intervals for lithologic description and field screening with a PID.

Soil samples were collected using a 24-inch long by one-inch diameter stainless steel sampler lined with a clear acetate sample liner advanced into undisturbed soils using a hydraulic ram on the drilling rig until 24 inches of penetration is achieved. Upon advancement of the sampler to the full 24-inches, the steel sampling rods were extracted from the boring and the sampler was removed. The drilling and sampling procedures were repeated to the total depth of the boring.

Upon extraction of the sampler at each sampling depth interval, the acetate liner was opened, and the soils contained therein were logged in accordance with the unified soil classification system (USCS). A photoionization detector (PID) calibrated to 100 ppmV isobutylene span gas, was used to monitor headspace for VOC vapors in soil samples. Boring logs depicting the encountered lithology and PID measurements are included in **Appendix A**.

The DPT borings were subsequently converted to soil vapor monitoring points to facilitate soil vapor sampling. The monitoring points were constructed by first placing approximately 4 to 6 inches of Monterey No. 3 wash sand, or equivalent, in the bottom of the borehole. A permeable vapor tip connected to 1/4 -inch diameter Nylafow tubing that was then lowered to the bottom of the borehole and then backfilled with 12 inches of filter sand. A transition seal consisting of approximately 12-inches of dry bentonite was then placed above the filter pack, followed by an annular seal consisting of neat-cementte grout to the ground surface or until the next soil vapor point interval was reached. The sequence was then be repeated, as necessary for multi-depth sampling points, to install the next monitoring point, and completely backfilling the borehole. The Nylafow tubing was capped with a valve in the closed position



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

### Field Investigation

and left protruding from the borehole. Each vapor probe was allowed to equilibrate for minimum of 48 hours between construction and sampling.

## 4.2 SOIL VAPOR SAMPLING PROCEDURES

Soil vapor samples were collected on December 12-13, 2019 in accordance with the methods and procedures outlined by the DTSC and CalEPA Advisory – Active Soil Gas Investigations, dated July 2015.

Prior to sampling, a shut-in test was conducted on the sampling train to ensure all connections and fittings were airtight. The shut-in test was performed on the sampling train by applying a vacuum of 100 inches of water to the sampling train and monitoring magnehelic gauges for a pressure drop for one minute. If loss of vacuum was observed, the fittings were adjusted as needed until no vacuum loss was observed during subsequent shut-in tests.

After the sampling equipment passed the shut-in test, the probes were purged to remove internal air from the sample train (calculated from the internal volume of the tubing, probe tip; the void space of the sand pack around the probe tip; and the void space of the dry bentonite (in the annular space). Three internal volumes were purged from each sampling location at a rate less than 200 milliliters per minute (ml/min).

Immediately following purging the internal volumes, the soil vapor samples were collected by the laboratory technician by connecting a foil-wrapped glass bulb to the sampling port with Teflon® or Nylaflo® tubing and drawing the sample into the bulb at a rate of less than 200ml/min. A tracer compound consisting of Isopropanol was placed above the surface seal and along the sampling train to evaluate the integrity of the seal. No tracer compounds were detected in the soil vapor samples collected during this investigation.

Following collection of the laboratory samples for VOC analysis, fixed gas (*i.e.*, methane, carbon dioxide, and oxygen) measurements were collected from each soil vapor probe using Landtec GEM 5000 landfill gas meter. The meter was calibrated by the supplier prior to use.

## 4.3 STEP-OUT HAND AUGER BORINGS

Based on the results of the shallow soil sampling that reported a concentration of lead in sample SV-12-1 at 110 milligrams per kilogram (mg/Kg) and a concentration of dieldrin in sample SV-18-1 at 0.170 mg/Kg, three step-out borings were placed at each of the two soil boring locations. An additional soil boring was placed adjacent to soil boring SV-18 (SV-18A) to collect a soil sample at 3 feet bgs to evaluate the vertical limit of impact at this location.

Step-out borings were placed at three locations approximately 20 feet radial to soil borings SV-12 and SV-18. At each location a hand auger was used to excavate soil to approximately 3 feet bgs to facilitate samples collection and depths of one and three feet bgs. Samples were collected by discharging soil directly from the hand auger bucket into pre-cleaned, laboratory provided glass jars equipped with Teflon-lined screw-on lids. The samples were labeled to indicate the sample identification, time and date and



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placed in an ice-chilled cooler pending transport to the laboratory under chain of custody for chemical analysis.

#### **4.4 DECONTAMINATION AND WASTE DISPOSAL**

Prior to drilling and sampling, all drilling rods and instruments that came in contact with sampled media were decontaminated in a non-phosphate scrub solution followed by a deionized water double rinse.

All soil cuttings, purge water and decontamination fluids and other potentially contaminated waste were contained into one DOT 17-gallon drum and appropriately labeled pending waste characterization, profiling and disposal.



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

Laboratory Services

### 5.0 LABORATORY SERVICES

All chemical analysis was performed at a State of California Certified Laboratory. Collected soil samples were analyzed at Advanced Technology Laboratories located in Signal Hill, California. Soil vapor samples were collected and analyzed by Advance Research Laboratories (ARL) using an on-Site mobile laboratory. All samples were managed under strict chain-of-custody. The results are discussed below and presented on **Tables 1-3**. Complete laboratory reports, including QA/QC documentation is included in **Appendix B**.



# SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

## Investigation Results

## 6.0 INVESTIGATION RESULTS

### 6.1 FIELD OBSERVATIONS

Subsurface soils encountered during drilling generally consisted of fine-grained silts and clays with variable sand and occasional thin sand interbeds to depths up to 15 feet below ground surface. Groundwater was not encountered in any of the borings. No staining, odors or other obvious signs of contamination were noted during the investigation. Recorded VOC measurements using a PID reported concentrations of 0.0 parts per million by volume (ppmV) in all screened samples. Boring logs depicting encountered lithology and PID readings are included in **Appendix B**.

### 6.2 VOC SOIL VAPOR ANALYTICAL RESULTS

With the exception of soil vapor probe SV-8, which could not be located, soil vapor samples were collected from soil vapor probes SV-1 through SV-18 and analyzed for the presence of VOCs following EPA method 8260B using an on-Site mobile laboratory. Analytical results are tabulated on **Table 1**. Laboratory reports including QA/QC documentation are included in **Appendix C**. The following paragraphs summarize the current analytical results from the current round of sampling:

- Concentrations of toluene were reported sporadically at low concentrations ranging between 20 ug/m<sup>3</sup> up to 50 ug/m<sup>3</sup> in samples collected from soil vapor probes SV4, SV5, SV-6, SV-11, SV-12, and SV-13. All reported concentrations are well below the DTSC HERO Note 3 residential screening level (based on an attenuation of 0.03) of 10,333 ug/m<sup>3</sup>. Toluene was not reported above laboratory method detection limits in any other analyzed samples.
- No other VOC in any analyzed sample was reported above its laboratory method detection limit.
- GRO was not reported above laboratory method detection limits in any analyzed sample.

### 6.3 FIXED GAS MEASUREMENTS

Fixed gas measurements were collected at all existing and newly installed soil vapor probes using a Landtec GEM 5000 landfill gas meter. The results are tabulated on attached **Table 2**. The following summarizes the fixed gas field measurements:

- Oxygen was reported between 6.2 percent by volume up to 19.8 percent by volume.
- Carbon dioxide was reported between 0.2 percent by volume up to 3.9 percent by volume.
- Methane was not measured in any of the tested sample locations.



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

### Investigation Results

## 6.4 SOIL ANALYTICAL RESULTS

Soil samples were collected between depths of approximately one foot and three feet bgs and variously analyzed for lead, arsenic and pesticides. Sample results are tabulated on **Tables 3-4**. The following paragraphs discuss the soil analytical results.

- Arsenic was reported in analyzed soil samples collected from one-foot bgs at concentrations ranging from non-detect (<1.0 mg/Kg) up to 8.4 mg/Kg. All reported concentrations are consistent with typical southern California background levels.
- With the exception of sample SV-12-1, lead was reported at concentrations between 4.3 mg/Kg up to 54 mg/Kg, which is below the DTSC HERO Note 3 residential screening level of 80 mg/Kg. Lead was reported in sample SV-12-1 at a concentration of 110 mg/Kg but decreased to 6 mg/Kg in the sample collected and analyzed at 3 feet bgs. Furthermore, concentrations of lead reported in three radial step-out borings (SV-12A through SV-12C) reported lead at concentrations ranging between 5 and 20 mg/Kg, indicating that the reported lead concentration reported in sample SV-12-1 is limited in extent vertically and laterally.

In accordance with DTSC HERO Note 4, Site wide total lead concentrations were evaluated to determine the 95% upper confidence level (UCL) of the mean using US EPA ProUCL software (Version 5.1). The statistical evaluation indicates that the 95% UCL for Site-wide total lead concentrations is 40.81 mg/Kg, which is below the DTSC HERO Note 3 screening level of 80 mg/Kg. Subsequent performance of the Dixon’s Outlier test using ProUCL indicated that the lead concentration of 110 mg/Kg reported in sample SV-12-1 is a statistical outlier. The 95% UCL for Site total lead concentrations with sample SV-12-1 omitted from the sample population is 18.39 mg/Kg. Copies of the ProUCL 95% UCL and Dixon’s Outlier Test Work Sheets are included in **Appendix C**.

- The pesticide dieldrin was reported at a concentration of 0.170 mg/Kg in sample SV-18-1, in exceedance of the DTSC HERO Note 3 residential screening level of 0.034 mg/Kg. Concentrations of dieldrin were reported as non-detect (<0.002 mg/Kg) in the sample analyzed at three feet at this location (SV-18A-3) and in samples collected and analyzed at one and three feet bgs in three radial step-out borings (SV-18B through SV-18D), indicating that the reported concentration of dieldrin is limited in extent both vertically and laterally.

Statistical evaluation of Site-wide dieldrin concentrations using EPA ProUCL software (Version 5.1) indicates that the 95% UCL for Site dieldrin concentrations is 0.045 mg/Kg when calculated using one-half the reporting limit for non-detects, which is slightly above the DTSC HERO Note 3 screening level of 0.034 mg/Kg. Performance of the Dixon’s Outlier test using ProUCL indicates that the dieldrin concentration of 0.170 mg/Kg reported in sample SV-18-1 is a statistical outlier. The 95% UCL for Site dieldrin concentrations with sample SV-18-1 omitted from the sample population is 0.00611 mg/Kg, which is well below the DTSC HERO Note 3 screening level of 0.045 mg/Kg. Copies of the ProUCL 95% UCL and Dixon’s Outlier Test Work Sheets are included in **Appendix C**.



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

### Investigation Results

- Trace concentrations of other pesticides including DDD, DDE, DDT, delta-BHC, and chlordane (including alpha and gamma isomers) were reported sporadically at trace concentrations well below DTSC HERO Note 3 residential screening levels, where established.



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

### Summary of Findings

## 7.0 SUMMARY OF FINDINGS

Based on the results of the completed investigations, Stantec provides the following summary:

- Subsurface soils encountered during drilling generally consisted of fine-grained silts and clays with variable sand and occasional thin sand interbeds to depths up to 15 feet below ground surface. Groundwater was not encountered in any of the borings.
- No staining, odors or other obvious signs of contamination were noted during the investigation. Recorded VOC measurements using a PID reported concentrations of 0.0 parts per million by volume (ppmV) in all screened samples.
- Concentrations of toluene were reported sporadically at low concentrations ranging between 20 ug/m<sup>3</sup> up to 50 ug/m<sup>3</sup> in samples collected from soil vapor probes SV4, SV5, SV-6, SV-11, SV-12, and SV-13. All reported concentrations are well below the DTSC HERO Note 3 residential screening level of 10,333 ug/m<sup>3</sup>. Toluene was not reported above laboratory method detection limits in any other analyzed samples.
- No other VOCs were reported above laboratory method detection limits in any analyzed sample.
- GRO were not reported above laboratory method detection limits in any analyzed sample.
- Oxygen was reported between 6.2 percent by volume and 19.8 percent by volume, indicating bio-attenuation of petroleum hydrocarbons, including benzene, is expected at the Site. The State Water Resource Control Board’s *Low Threat Underground Storage Tank Closure Policy* (LTCP) and USEPA’s *Technical Guide for Addressing Petroleum Vapor Intrusion at Leaking Underground Storage Tank Sites*, dated June 2015, indicate that active bioattenuation of petroleum hydrocarbons occurs under conditions where oxygen levels exceed 4% by volume, such as the conditions encountered at the Site. The LTCP assumes 1000-fold bioattenuation (or 0.001 attenuation factor) of petroleum vapors in the bioattenuation zone, which should be applied to the Site when considering attenuation of petroleum hydrocarbons including GRO and benzene.
- Arsenic was reported in analyzed soil samples collected from one-foot bgs at concentrations ranging from non-detect (<1.0 mg/Kg) up to 8.4 mg/Kg. All reported concentrations are consistent with typical southern California background levels.
- With the exception of sample SV-12-1, lead was reported at concentrations between 4.3 mg/Kg up to 54 mg/Kg, which are below the DTSC HERO Note 3 residential screening level of 80 mg/Kg. Lead was reported in sample SV-12-1 at a concentration of 110 mg/Kg but decreased to 6 mg/Kg in the sample collected and analyzed at 3 feet bgs. Furthermore, concentrations of lead reported in three radial step-out borings (SV-12A through SV-12B) reported lead at concentrations ranging between 5 and 20 mg/Kg, indicating that the reported lead concentration reported in sample SV-12-1 is limited in extent vertically and laterally.



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

### Summary of Findings

In accordance with DTSC HERO Note 4, Site wide total lead concentrations were evaluated to determine the 95% UCL using US EPA ProUCL software (Version 5.1). The statistical evaluation indicates that the 95% UCL for Site-wide total lead concentrations is 40.81 mg/Kg, which is below the DTSC HERO Note 3 screening level of 80 mg/Kg. Subsequent performance of the Dixon’s Outlier test using ProUCL indicated that the lead concentration of 110 mg/Kg reported in sample SV-12-1 is a statistical outlier. The 95% UCL for Site total lead concentrations with sample SV-12-1 omitted from the sample population is 18.39 mg/Kg. Copies of the ProUCL 95% UCL and Dixon’s Outlier Test worksheets are included in **Appendix C**.

- The pesticide dieldrin was reported at a concentration of 0.170 mg/Kg in sample SV-18-1, in exceedance of the DTSC HERO Note 3 residential screening level of 0.034 mg/Kg. Concentrations of dieldrin were reported as non-detect (<0.002 mg/Kg) in the sample analyzed at three feet at this location (SV-18A-3) and in samples collected and analyzed at one and three feet bgs in three radial step-out borings (SV-18B through SV-18D), indicating that the reported concentration of dieldrin is limited in extent both vertically and laterally.

Statistical evaluation of Site-wide dieldrin concentrations using EPA ProUCL software (Version 5.1) indicates that the 95% UCL for Site dieldrin concentrations is 0.045 mg/Kg when calculated using one-half the reporting limit for non-detects, which is above the DTSC HERO Note 3 screening level of 0.034 mg/Kg. Performance of the Dixon’s Outlier test using Pro UCL indicates that the dieldrin concentration of 0.170 mg/Kg reported in sample SV-18-1 is a statistical outlier. The 95% UCL for Site dieldrin concentrations with sample SV-18-1 omitted from the sample population is 0.00611 mg/Kg, which is well below the DTSC HERO Note 3 screening level of 0.045 mg/Kg. Copies of the ProUCL 95% UCL and Dixon’s Outlier Test worksheets are included in **Appendix C**

- Trace concentrations of other pesticides including DDD, DDE, DDT, delta-BHC, and chlordane (including alpha and gamma isomers) were reported sporadically at trace concentrations well below DTSC HERO Note 3 residential screening levels, where established.

### Discussion

Numerous investigations have been conducted at the Site to evaluate soil, groundwater and soil vapor matrices. The results of these investigations have identified generally low concentration of several VOCs and gasoline range constituents in soil vapor. GRO, benzene, PCE and chloroform have been reported sporadically at concentrations above generic modified indoor air screening levels (MIASLs) based on an attenuation factor of 0.03, but not at concentrations in exceedance of MIASLs based on an attenuation factor of 0.001. Temporal variations reported over subsequent monitoring events conducted in May, June and December 2019, indicate that concentrations decreased in the December 2019 monitoring event when compared to the sampling event conducted in May/June 2019. **Figures 2A** through **2D** summarize relevant soil vapor concentrations. In addition, Site wide soil gas oxygen levels were reported in excess



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

### Summary of Findings

of 4% (reported between 6.2 and 19.8 percent) indicating that bio-attenuation of gasoline range constituents, including benzene) is likely occurring at the Site<sup>1</sup>.

With respect to soil, two localized areas of impact have been identified at the location of soil borings SV-12 and SV-18. At soil boring SV-12, lead was reported at a concentration of 110 mg/Kg in the sample collected and analyzed from one-foot bgs (SV-12-1), which exceeds the DTSC HERO Note 3 residential screening level of 80 mg/Kg. The lead concentrations were reported to decrease to well below screening levels in the sample collected at three feet bgs, and was not reported above screening levels in the samples collected and analyzed at one and three feet bgs in three radial step out borings advanced approximately 20 feet away from the boring SV-12, indicating that the lead impacts reported in sample SV-12-1 are limited to a vertically and laterally small area. Statistical evaluation of Site-wide lead concentrations using USEPA ProUCL (version 5.1) software indicate a 95%UCL of 40.81 mg/Kg, but further indicate that sample SV-12-1 is a statistical outlier. The 95% UCL calculated with sample SV-12-1 omitted is 18.39 mg/Kg. Under both scenarios, the 95%UCL Lead concentrations fall well below the DTSC HERO Note 3 screening level of 80 mg/Kg.

At soil boring SV-18 the organochlorine pesticide dieldrin was reported at a concentration of 0.170 mg/Kg, in exceedance of the DTSC HERO Note 3 residential screening level of 0.034 mg/Kg. The dieldrin concentration decreased to non-detect (<0.002 mg/Kg) levels in the samples collected at three feet bgs, and in samples collected at one and three feet bgs in three radial step-out borings advanced approximately 20 feet away from boring SV-18, indicating that the dieldrin impacts are isolated to a vertically and laterally small area. Statistical evaluation of Site-wide dieldrin concentrations using USEPA ProUCL (version 5.1) software indicate a 95%UCL of 0.0453 mg/Kg, which is slightly above the DTSC HERO Note 3 screening level of 0.034 mg/Kg. However, further analysis indicates that sample SV-18-1 (0.170 mg/Kg) is a statistical outlier. The 95% UCL with sample SV-18-1 omitted is 0.0061 mg/Kg, which is well below the DTSC HERO Note 3 screening level of 0.034 mg/Kg.

### Recommendations

Based on the results of historical and recent investigations, Stantec makes the following recommendations:

#### *Soil Vapor*

Sporadic concentrations of GRO, chloroform, benzene and PCE were reported above DTSC HERO Note 3 generic screening levels based on an attenuation factor of 0.03 during historical sampling conducted in May-June 2019. No exceedances were observed in soil vapor samples collected and analyzed in December 2019, indicating decreasing concentrations and limited temporal variation. In addition, when compared to screening levels based on an attenuation factor of 0.001, no exceedances above DTSC HERO Note 3 screening levels have been observed historically at the Site. Site conditions indicate that a 0.001 attenuation factor is appropriate for the Site in accordance with the DTSC (2011) Vapor Intrusion

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<sup>1</sup> State Water Resource Control Board, Low Threat Underground Storage Tank Closure Policy (LTCP); and, USEPA, Technical Guide for Addressing Petroleum Vapor Intrusion at Leaking Underground Storage Tank Site, July 2015.



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

### Summary of Findings

Guidance Document for future residential construction, given the absence of a known near-by source of chlorinated VOCs and the likelihood of a bioattenuation zone for petroleum hydrocarbons. As a result, Stantec recommends no further assessment of VOC soil vapor concentrations at this time.

#### *Soil*

Exceedances of lead in soil sample SV-12-1 and dieldrin in soil sample SV-18-1 were reported in excess of DTSC HERO Note 3 screening levels. Subsequent investigations indicate that the areas of impact are limited to spatially small areas both vertically and laterally. Statistical evaluation indicates that both samples SV-12-1 and SV-18-1 are statistical outliers when compared to Site wide data, and that the 95% UCL for total sample populations are below the DTSC HERO Note 3 when these samples are removed from the data sets. As a result, Stantec recommends remedial excavation and off-Site disposal of shallow soil at these two locations be conducted under the oversight of DTSC. Confirmation sampling should be conducted to verify removal of the impacted soil has been achieved.



## SUPPLEMENTAL SITE INVESTIGATION REPORT (“SUPPLEMENTAL REPORT”)

Limitations

### 8.0 LIMITATIONS

Stantec’s investigation has been performed with the degree of skill generally exercised by practicing engineers and geologists in the environmental field. Stantec makes no other warranty, either expressed or implied, concerning the conclusions and professional advice that is contained within the body of this report.

Inherent in most projects performed in a heterogeneous subsurface environment, continuing excavation and assessments may reveal findings that are different than those presented herein. This facet of the environmental profession should be considered when formulating professional opinions on the limited data collected on these projects.

This report has been issued with the clear understanding that it is the responsibility of the owner, or their representative, to make appropriate notifications to regulatory agencies. It is specifically not the responsibility of Stantec to conduct appropriate notifications as specified by current regulations.

The information presented in this report is valid as of the date our exploration was performed. Site conditions may change with time or with further investigation; consequently, the findings presented herein are subject to change.



## TABLES



**TABLE 1  
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS  
Gardena (141st and Normandie)**

Sample ID	Sample Date	GRO	Chloromethane	Methylene chloride	Carbon Disulfide	2-Butanone (MEK)	Chloroform	Benzene	1,1 - DCE	TCE	4-Methyl-2-pentanone	Styrene	Toluene	PCE	Ethylbenzene	m,p-Xylene	o-Xylene	4-Ethyltoluene	1,3,5-TMB	1,2,4-TMB	Other VOCs
DTSC HERO Note 3 - Residential Ambient		NE	NE	1.0	NE	NE	NE	0.10	7.3	NE	NE	0.09	310	0.46	NE	NE	NE	NE	NE	NE	varies
0.03 Attenuation Factor		NE	NE	33	NE	NE	NE	3.2	243	NE	NE	3.1	10333	15.3	NE	NE	NE	NE	NE	NE	varies
US EPA Region 9 - Residential Air SLs		310	94	100	730	NE	0.12	0	210	0	3,100	1,000	5,200	11	1.1	100	100	NE	63	63	varies
0.03 Attenuation Factor		10333	3133	3333	24333	NE	4	12	7000	15	103333	33333	173333	367	37	3333	3333	NE	2100	2100	varies
SFRWQCB Tier 1 Subslab/ Soil Gas ESLs		3300	3,100	34	NE	170,000	4.1	3.2	58	16	NE	31000	10000	15	37	3,500	3,500	NE	NE	NE	varies
SB-1-7 <sup>(1)</sup>	5/10/2019	NA	2.9	<2.8	3.3	23	9.5	9.8	<3.2	<4.4	20	<3.5	42	<5.5	7.3	33	9.3	<4.0	5.1	12	<varies
SB-2-7 <sup>(1)</sup>	5/10/2019	NA	4.2	4.3	5.2	28	15	18	<3.2	<4.4	40	<3.5	79	37	15	66	19	6.0	11	29	<varies
SV1-5	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	<8	<8	NA	14	31	<8	<8	26	14	NA	<8	11	<varies
SV1-5	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV1-15	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	<8	<8	NA	14	57	<8	10	34	16	NA	<8	10	<varies
SV1-15	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV2-5	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	<8	<8	NA	<8	<8	10	<8	<16	<8	NA	<8	<8	<varies
SV2-5	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV3-5	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	<8	<8	NA	<8	<8	<8	<8	<16	<8	NA	<8	<8	<varies
SV3-5	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV4-5	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	<8	<8	NA	10	67	<8	8	33	13	NA	<8	12	<varies
SV4-5	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	20	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV4-15	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	11	15	NA	<8	15	9	<8	<16	<8	NA	<8	<8	<varies
SV4-15	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV5-5	6/27/2019	3,980	NA	<8	NA	NA	19	45	9	<8	NA	31	201	8	<8	162	54	NA	<8	35	Isopropylbenzene: 10 n-Propylbenzene: 11
SV5-5	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	20	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV5-15	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	<8	<8	NA	15	57	<8	10	52	15	NA	<8	17	<varies
SV5-15	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	20	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV6-5	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	<8	<8	NA	9	<8	<8	10	23	10	NA	<8	13	<varies
SV6-5	12/12/2019	<5000	<7.5	<7.5	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	30	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV6-15	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	<8	<8	NA	<8	<8	<8	<8	<16	<8	NA	<8	8	<varies
SV6-15	12/12/2019	<5000	<7.5	<7.5	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	50	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV7-5	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	<8	<8	NA	11	<8	<8	9	23	12	NA	<8	15	<varies

**TABLE 1  
SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS  
Gardena (141st and Normandie)**

Sample ID	Sample Date	GRO	Chloromethane	Methylene chloride	Carbon Disulfide	2-Butanone (MEK)	Chloroform	Benzene	1,1 - DCE	TCE	4-Methyl-2-pentanone	Styrene	Toluene	PCE	Ethylbenzene	m,p-Xylene	o-Xylene	4-Ethyltoluene	1,3,5-TMB	1,2,4-TMB	Other VOCs
SV7-5REP	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	<8	<8	NA	11	<8	<8	8	23	12	NA	<8	14	<varies
SV7-5	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV7-15	6/27/2019	3,950	NA	<8	NA	NA	<8	<8	11	<8	NA	8	45	<8	8	83	38	NA	<8	9	<varies
SV7-15	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV8-5	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	13	<8	NA	10	<8	<8	13	21	17	NA	<8	10	<varies
SV8-15	6/27/2019	4,680	NA	<8	NA	NA	<8	<8	<8	<8	NA	9	34	<8	<8	21	23	NA	<8	8	<varies
SV9-5	6/27/2019	<2,000	NA	<8	NA	NA	<8	<8	<8	<8	NA	8	12	<8	<8	<16	<8	NA	<8	10	<varies
SV9-5	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV9-5 DUP	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV10-5	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV10-15	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV10-15 DUP	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV11-5	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV11-15	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	30	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV12-5	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	20	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV12-15	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	30	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV13-5	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV13-15	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	30	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV14-5	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV-14-15	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV-15-5	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV15-15	12/13/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV16-5	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV17-5	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV17-15	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV18-5	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies
SV18-15	12/12/2019	<5000	<7.5	<75	<75	<75	<7.5	<5.4	<7.5	<7.5	<75	<7.5	<7.5	<7.5	<7.5	<15	<7.5	NA	<7.5	<7.5	<varies

(1) Sample collected via 1L summa canister.  
(2) Residential Screening Level (SL) USEPA Region 9 Regional Screening Levels (RSL - April 2019)  
(3) Residential DTSC HERO HHRA Note #3 (April 2019)  
(4) SFRWQCB ESLs - Sub slab/ Soil Gas (µa/m3) January 2019  
<8: Results reported below Laboratory Reporting Limit.  
CalEPA - California Environmental Protection Agency  
DTSC - Department of Toxic Substance Control  
HERO - Human and Ecological Risk Office Human Health Risk Assessment

Yellow shading indicates value above the RSLs or HERO Note 3 (0.03 attenuation factor) residential screening level.  
Trichloroethene  
Tetrachloroethene  
1,2,4-Trimethylbenzene  
1,3,5-Trimethylbenzene

**Table 2**  
**Summary of Fixed Gas Field Measurements**  
**Gardena (141st and Normandie)**

Soil Vapor Probe ID	Individual Probe Depth (feet bgs)	Test Date	Field Readings <sup>(1)</sup>			
			Methane % Volume	CO2 % Volume	O2 % Volume	Balance % Volume
SV-1-5	5	12/13/2019	0	0.2	16	83.8
SV-1-15	15	12/13/2019	0	0.3	16.1	83.6
SV-2-5	5	12/13/2019	0	1.3	14.9	83.8
SV-3-5	5	12/13/2019	0	1.4	16.4	82.2
SV-4-5	5	12/13/2019	0	0.7	6.2	93.1
SV-4-15	15	12/13/2019	0	0.3	6.4	93.3
SV-5-5	5	12/13/2019	0	1.5	18.2	80.3
SV-5-15	15	12/13/2019	0	2	12.7	85.3
SV-6-5	5	12/13/2019	0	1.4	17.7	80.9
SV-6-15	15	12/13/2019	0	1.9	14	84.1
SV-7-5	5	12/13/2019	0	0.3	16.4	83.3
SV-7-15	15	12/13/2019	0	0.8	11.8	87.4
SV-9-5	5	12/13/2019	0	3.2	12.6	89.2
SV-10-5	5	12/13/2019	0	3.9	14.3	81.2
SV-10-15	15	12/13/2019	0	1.5	13.8	84.7
SV-11-5	5	12/13/2019	0	2.8	16.1	80.1
SV-11-15	15	12/13/2019	0	0.9	16.7	82.4
SV-12-5	5	12/13/2019	0	2	17.7	80.3
SV-12-15	15	12/13/2019	0	0.7	15.8	83.5
SV-13-5	5	12/13/2019	0	0.5	15.5	86
SV-13-15	15	12/13/2019	0	0.2	19.8	80
SV-14-5	5	12/13/2019	0	0.3	16.2	83.5
SV-14-15	15	12/13/2019	0	0.4	15.5	84.1
SV-15-5	5	12/13/2019	0	0.2	17.8	82
SV-15-15	15	12/13/2019	0	1.2	16.8	82
SV-16-5	5	12/13/2019	0	2.9	16.9	80.2
SV-17-5	5	12/13/2019	0	1.5	17	81.5
SV-17-15	15	12/13/2019	0	2.4	17.3	80.3
SV-18-5	5	12/13/2019	0	0.9	18.1	81
SV-18-15	15	12/13/2019	0	0.6	16.7	82.7

Notes: (1) Samples reported using a Landtec GEM 5000 Landfill Gas Meter  
CO2 - Carbon Dioxide  
O2 - Oxygen

**Table 3**  
**Summary of Soil Analytical Results - Pesticides**  
**Gardena (141st and Normandie)**

Sample ID	Depth <sup>(1)</sup>	Date	Pesticides (EPA Test Method 8081A)				
			4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Other OCPs
<b>Screening Levels for residential soil (mg/Kg)</b>			<b>2.3</b>	<b>2.0</b>	<b>1.9</b>	<b>0.034</b>	<b>varies</b>
<b>Hazardous Waste Levels (mg/Kg)</b>			<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>8.0</b>	<b>varies</b>
HA-1-1	1.0	5/10/2019	<0.0020	<0.0020	<0.0020	<0.0020	<varies
HA-2-1	1.0	5/10/2019	<0.0040	<b>0.053</b>	<b>0.019</b>	<b>0.0074</b>	<varies
HA-3-1	1.0	5/10/2019	<0.0040	<b>0.130</b>	<b>0.086</b>	<b>0.0057</b>	alpha-Chlordane: 0.019 delta-BHC: 0.023 Chlordane: 0.150 gamma-Chlordane: 0.012 Endrin: 0.0094
HA-4-1	1.0	5/10/2019	<0.0020	<b>0.018</b>	<b>0.0088</b>	<0.0020	alpha-Chlordane: 0.0033 delta-BHC: 0.0066 Chlordane: 0.023 gamma-Chlordane: 0.0019
SB-1-1	1.0	5/10/2019	<b>0.0021</b>	<b>0.040</b>	<b>0.041</b>	<0.0020	alpha-Chlordane: 0.0012 Chlordane: 0.010 delta-BHC [2C]: 0.0051
SV-10-1	1.0	11/25/2019	<0.0020	<b>0.041</b>	<b>0.033</b>	<0.0020	chlordane: 0.140 alpha-chlordane: 0.001 gamma-chlordane: 0.013
SV-11-1	1.0	11/25/2019	<0.0020	<b>0.011</b>	<b>0.016</b>	<0.0020	alpha-chlordane: 0.0015 chlordane: 0.012 gamma-chlordane: 0.0016
SV-12-1	1.0	11/25/2019	<0.0020	<b>0.0062</b>	<b>0.0081</b>	<0.0020	alpha-chlordane: 0.0018 chlordane: 0.022 gamma-chlordane: 0.002
SV-13-1	1.0	11/25/2019	<0.0020	<b>0.039</b>	<b>0.0093</b>	<0.0020	alpha-chlordane: 0.0086 chlordane: 0.120 delta-BHC: 0.015 gamma-chlordane: 0.0064
SV-14-1	1.0	11/25/2019	<b>0.0044</b>	<b>0.026</b>	<b>0.048</b>	<b>0.017</b>	alpha-chlordane: 0.0086 chlordane: 0.120 delta-BHC: 0.0043 gamma-chlordane: 0.0075
SV-15-1	1.0	11/25/2019	<0.0020	<b>0.034</b>	<b>0.0082</b>	<0.0020	delta-BHC: 0.0087
SV-16-1	1.0	11/25/2019	<b>0.0028</b>	<b>0.078</b>	<b>0.0032</b>	<0.0020	delta-BHC: 0.0082
SV-17-1	1.0	11/25/2019	<0.0020	<b>0.018</b>	ND	<0.0020	alpha-chlordane: 0.0012 chlordane: 0.018 gamma-chlordane: 0.0016
SV-18-1	1.0	11/25/2019	<b>0.0048</b>	<b>0.41</b>	<b>0.04</b>	<b>0.170</b>	alpha-chlordane: 0.0044 chlordane: 0.060 delta-BHC: 0.0033 gamma-chlordane: 0.0051
SV-18A-3'	3.0	1/10/2020	<0.0020	<0.0020	<0.0020	<0.0020	<varies
SV-18B-1'	1.0	1/10/2020	<0.0020	<0.0020	<0.0020	<0.0020	<varies
SV-18B-3'	3.0	1/10/2020	<0.0020	<0.0020	<0.0020	<0.0020	<varies

**Table 3  
Summary of Soil Analytical Results - Pesticides  
Gardena (141st and Normandie)**

Sample ID	Depth <sup>(1)</sup>	Date	Pesticides (EPA Test Method 8081A)				
			4,4'-DDD	4,4'-DDE	4,4'-DDT	Dieldrin	Other OCPs
<b>Screening Levels for residential soil (mg/Kg)</b>			<b>2.3</b>	<b>2.0</b>	<b>1.9</b>	<b>0.034</b>	<b>varies</b>
<b>Hazardous Waste Levels (mg/Kg)</b>			<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>8.0</b>	<b>varies</b>
SV-18C-1'	1.0	1/10/2020	<0.0020	<0.0020	<0.0020	<0.0020	<varies
SV-18C-3'	3.0	1/10/2020	<0.0020	<0.0020	<0.0020	<0.0020	<varies
SV-18D-1'	1.0	1/10/2020	<0.0020	<0.0020	<0.0020	<0.0020	<varies
SV-18D-3'	3.0	1/10/2020	<0.0020	<0.0020	<0.0020	<0.0020	<varies

NOTES:

- (1) Sample depth is reported as feet below ground surface
- (2) Screening level value is determined by the more conservative value from the California DTSC HERO Note 3 or USEPA RSLs.

All concentrations reported in milligrams of metal per kilogram of soil (mg/kg)

< - Indicates the concentration was not detected above the laboratory method reporting limit

**BOLD** - Indicates the concentration is above the laboratory reporting level

 exceeds residential screening level

ABBREVIATIONS:

- DTSC - Department of Toxic Substances Control
- HERO - Human and Ecological Risk Office
- NA - Not analyzed
- ND - Not detected
- NE - Not established
- USEPA RSL - United States Environmental Protection Agency Regional Screening Levels, residential use

**Table 4**  
**Summary of Soil Analytical Results - Lead & Arsenic**  
**Gardena (141st and Normandie)**

Sample ID (1)	Sampling Date	Sampling Depth (ft)	Metals (mg/kg)		STLC (mg/L)
			EPA 6010B (2)		Lead
			Arsenic	Lead	
USEPA RSLs (mg/kg)			0.68	80	--
California Background Levels (mg/kg)			0.6-12	12.4 - 97.1	--
HA-1-1	5/10/2019	1.0	<b>2.2</b>	<b>4.3</b>	---
HA-2-1	5/10/2019	1.0	<b>4.5</b>	<b>9.2</b>	---
HA-3-1	5/10/2019	1.0	<b>2.1</b>	<b>10</b>	---
HA-4-1	5/10/2019	1.0	<b>1.6</b>	<b>8.2</b>	---
SB-1-1	5/10/2019	1.0	<1.0	<b>17</b>	---
SV-10-1	11/26/2019	1.0	<b>2</b>	<b>54</b>	---
SV-11-1	11/26/2019	1.0	<b>1.7</b>	<b>10</b>	---
SV-12-1	11/26/2019	1.0	<b>3.6</b>	<b>110</b>	<b>3.7</b>
SV-12-3	11/26/2019	3.0	---	<b>6</b>	---
SV-12A-1'	1/10/2020	1.0	---	<b>20</b>	---
SV-12A-3'	1/10/2020	3.0	---	<b>5</b>	---
SV-12B-1'	1/10/2020	1.0	---	<b>9</b>	---
SV-12B-3'	1/10/2020	3.0	---	<b>5</b>	---
SV-12C-1'	1/10/2020	1.0	---	<b>5</b>	---
SV-12C-3'	1/10/2020	3.0	---	<b>9</b>	---
SV-13-1	11/26/2019	1.0	<b>3.9</b>	<b>19</b>	---
SV-14-1	11/26/2019	1.0	<b>2.1</b>	<b>9.4</b>	---
SV-15-1	11/26/2019	1.0	<b>2.3</b>	<b>7.3</b>	---
SV-16-1	11/26/2019	1.0	<b>3.8</b>	<b>25</b>	---
SV-17-1	11/26/2019	1.0	<b>3.2</b>	<b>16</b>	---
SV-18-1	11/26/2019	1.0	<b>8.4</b>	<b>23</b>	---

NOTES:

(1) Refer to Figure 2 for sampling locations

(2) Concentrations reported in milligrams per kilogram (mg/kg), EPA Test Method 6010B

indicates concentrations exceeds residential screening level

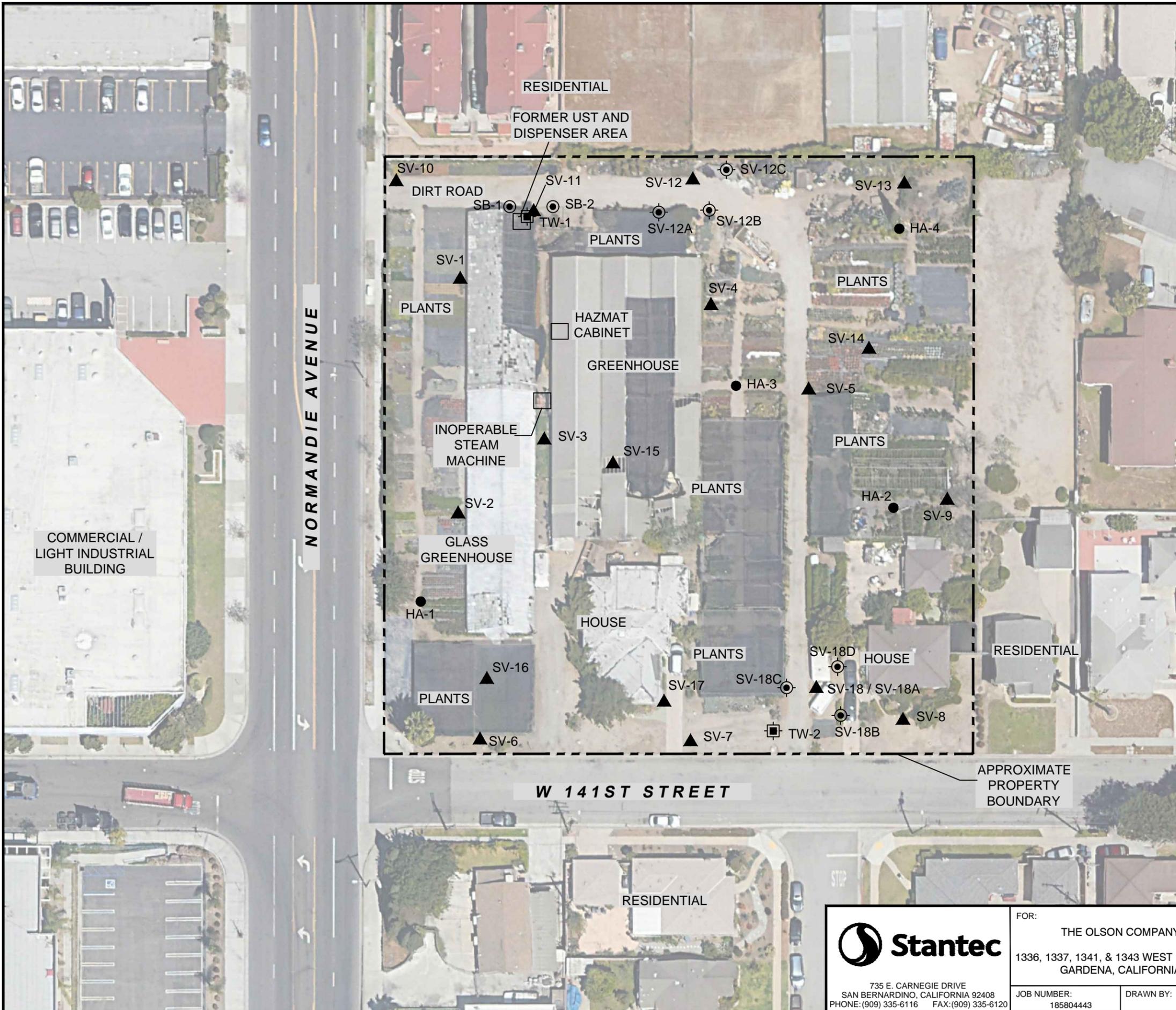
ABBREVIATIONS:

USEPA United States Environmental Protection Agency Regional Screening Levels for Residential Soils  
(May 2016)

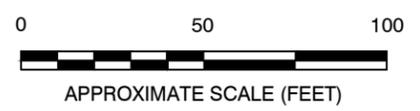
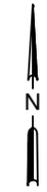
## FIGURES







- LEGEND:**
- PROPERTY LINE
  - SB-2 ● SOIL SAMPLE/ SOIL VAPOR PROBE LOCATION
  - HA-2 ● SHALLOW SOIL SAMPLE LOCATION
  - SV-18 ▲ SOIL / SOIL VAPOR SAMPLE LOCATION
  - TW-2 □ GROUNDWATER SAMPLE LOCATION
  - SV-12B ⊙ SOIL STEP-OUT BORING LOCATION



<p>735 E. CARNEGIE DRIVE SAN BERNARDINO, CALIFORNIA 92408 PHONE: (909) 335-6116 FAX: (909) 335-6120</p>	FOR: THE OLSON COMPANY 1336, 1337, 1341, & 1343 WEST 141ST ST. GARDENA, CALIFORNIA		<b>SITE PLAN, BORING LOCATIONS</b>		FIGURE: <b>2</b>
	JOB NUMBER: 185804443	DRAWN BY: KM	CHECKED BY: MB	APPROVED BY: BV	DATE: 11/18/19

SB-1				
5/10/2019				
Depth	GRO	Benzene	Chloroform	PCE
7	NA	<b>9.8</b>	<b>9.5</b>	<5.5

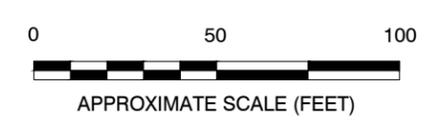
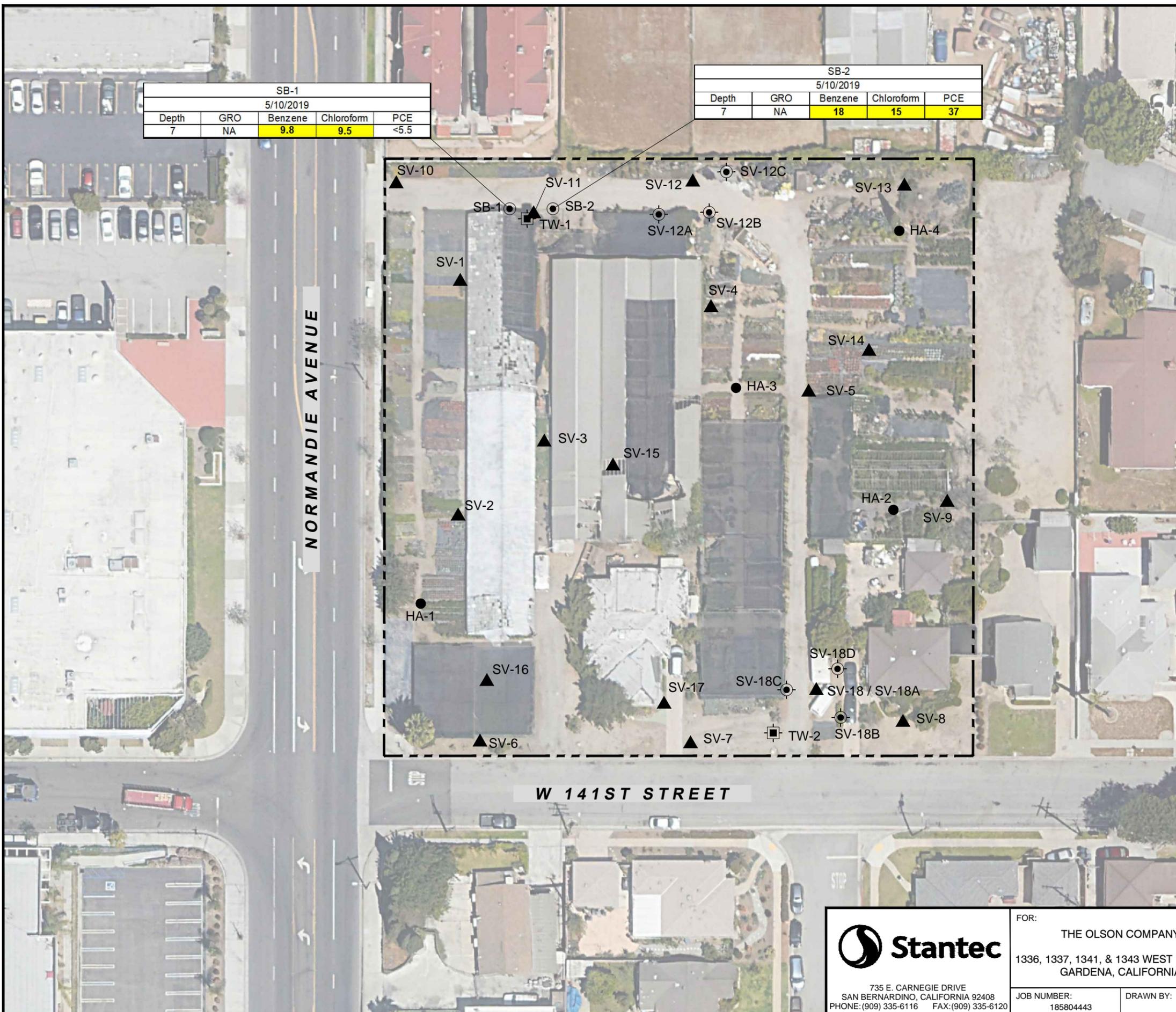
SB-2				
5/10/2019				
Depth	GRO	Benzene	Chloroform	PCE
7	NA	<b>18</b>	<b>15</b>	<b>37</b>

LEGEND:

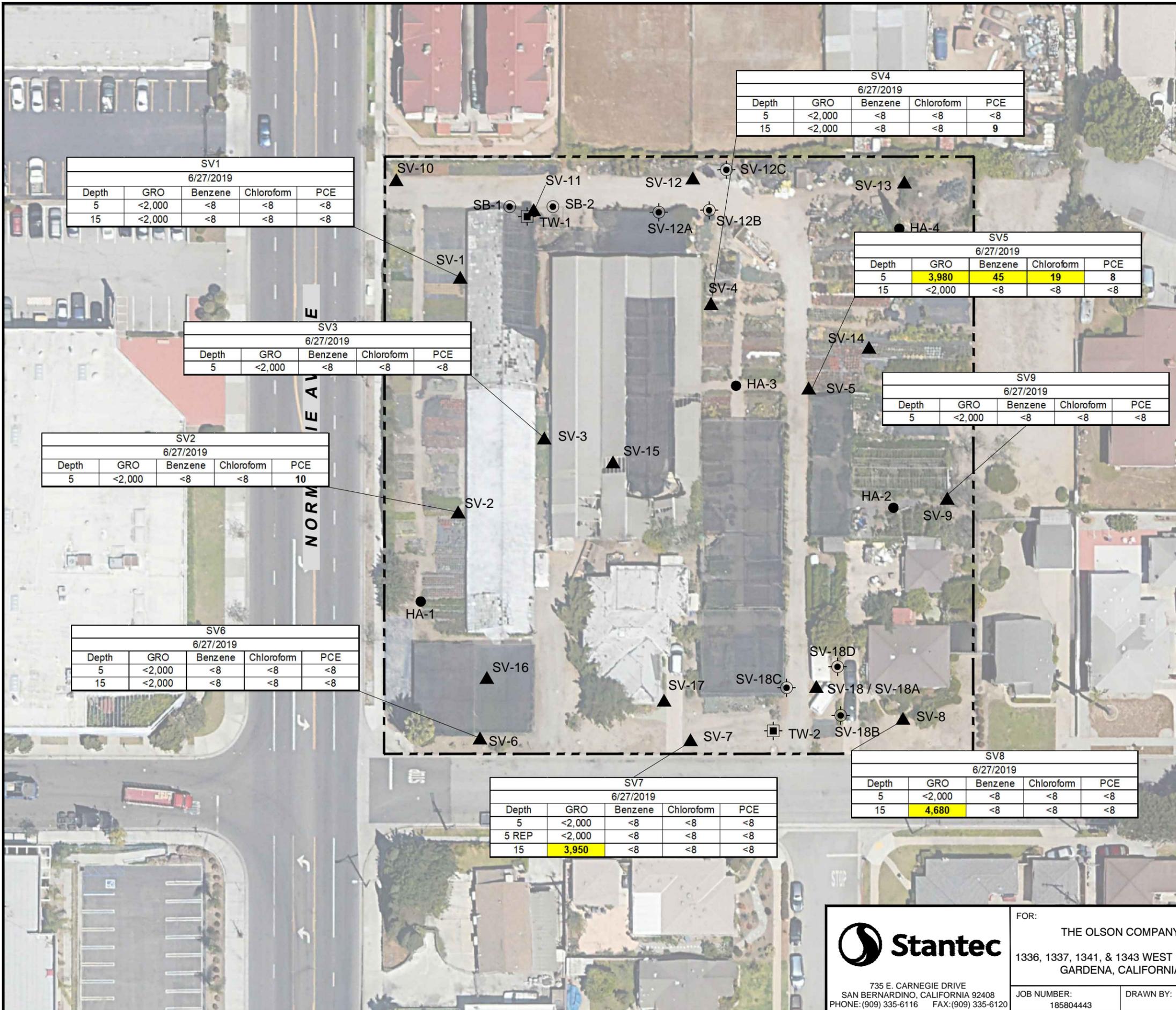
- PROPERTY LINE
- SB-2 ● SOIL SAMPLE/ SOIL VAPOR PROBE LOCATION
- HA-2 ● SHALLOW SOIL SAMPLE LOCATION
- SV-18 ▲ SOIL / SOIL VAPOR SAMPLE LOCATION
- TW-2 □ GROUNDWATER SAMPLE LOCATION
- SV-12B ⊙ SOIL STEP-OUT BORING LOCATION

SB-1				
5/10/2019				
Depth	GRO	Benzene	Chloroform	PCE
7	NA	<b>9.8</b>	<b>9.5</b>	<5.5

ALL CONCENTRATIONS REPORTED IN MICROGRAM PER CUBIC METER ( $\mu\text{g}/\text{m}^3$ )  
 SAMPLE DATE  
 BORING LOCATION  
 GRO - GASOLINE RANGE ORGANICS  
 PCE - TETRACHLOROETHYLENE  
 < - ANALYTE DETECTED BELOW LABORATORY REPORTING LIMIT  
 BOLD - ANALYTE DETECTED ABOVE LABORATORY REPORTING LIMIT  
 [Yellow Highlight] CONCENTRATION EXCEEDS RESIDENTIAL SCREENING LEVEL USING 0.03 ATTENUATION FACTOR



<p>735 E. CARNEGIE DRIVE          SAN BERNARDINO, CALIFORNIA 92408          PHONE: (909) 335-6116 FAX: (909) 335-6120</p>	FOR: THE OLSON COMPANY 1336, 1337, 1341, & 1343 WEST 141ST ST. GARDENA, CALIFORNIA	<b>SOIL VAPOR DATA</b> <b>MAY 2019</b>		FIGURE: <b>2A</b>
	JOB NUMBER: 185804443	DRAWN BY: KM	CHECKED BY: MB	APPROVED BY: BV

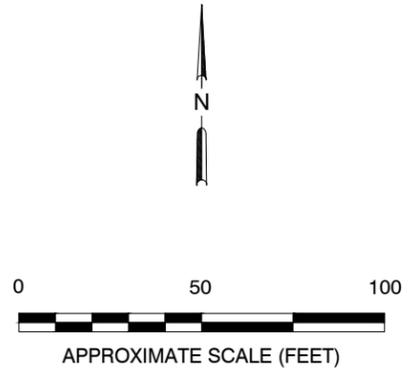


**LEGEND:**

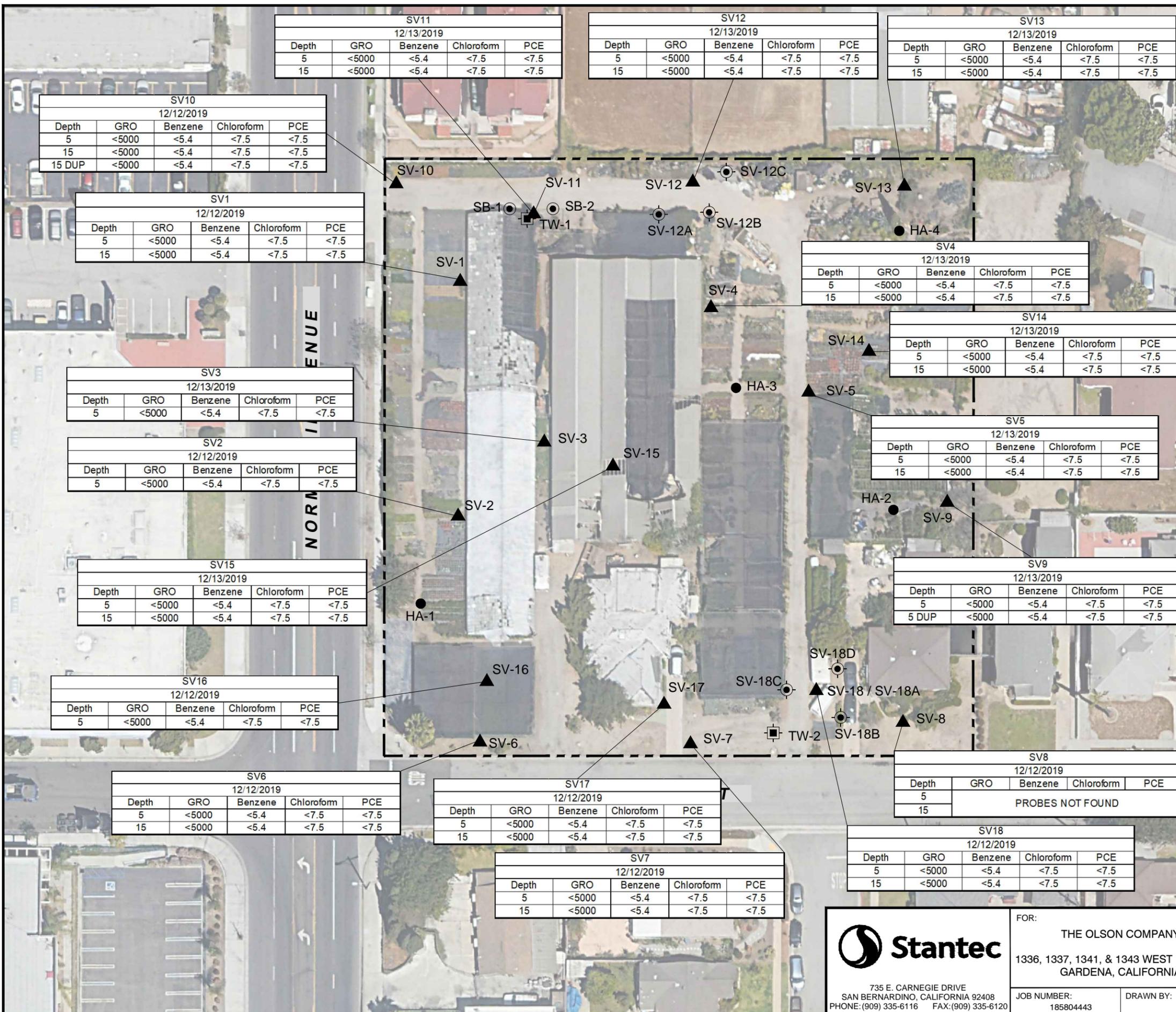
- PROPERTY LINE
- SB-2 ● SOIL SAMPLE/ SOIL VAPOR PROBE LOCATION
- HA-2 ● SHALLOW SOIL SAMPLE LOCATION
- SV-18 ▲ SOIL / SOIL VAPOR SAMPLE LOCATION
- TW-2 □ GROUNDWATER SAMPLE LOCATION
- SV-12B ⊙ SOIL STEP-OUT BORING LOCATION

SV1					
6/27/2019					
Depth	GRO	Benzene	Chloroform	PCE	
5	<2,000	<8	<8	<8	
15	<2,000	<8	<8	<8	

ALL CONCENTRATIONS REPORTED IN MICROGRAM PER CUBIC METER ( $\mu\text{g}/\text{m}^3$ )  
 SAMPLE DATE  
 BORING LOCATION  
 GRO - GASOLINE RANGE ORGANICS  
 PCE - TETRACHLOROETHYLENE  
 < - ANALYTE DETECTED BELOW LABORATORY REPORTING LIMIT  
 BOLD - ANALYTE DETECTED ABOVE LABORATORY REPORTING LIMIT  
 [Yellow Box] CONCENTRATION EXCEEDS RESIDENTIAL SCREENING LEVEL USING 0.03 ATTENUATION FACTOR



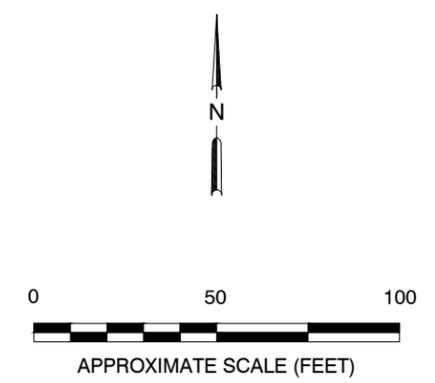
<p>735 E. CARNEGIE DRIVE          SAN BERNARDINO, CALIFORNIA 92408          PHONE: (909) 335-6116 FAX: (909) 335-6120</p>	FOR: THE OLSON COMPANY 1336, 1337, 1341, & 1343 WEST 141ST ST. GARDENA, CALIFORNIA	<b>SOIL VAPOR DATA</b> <b>JUNE 2019</b>		FIGURE: <b>2B</b>
	JOB NUMBER: 185804443	DRAWN BY: KM	CHECKED BY: MB	APPROVED BY: BV



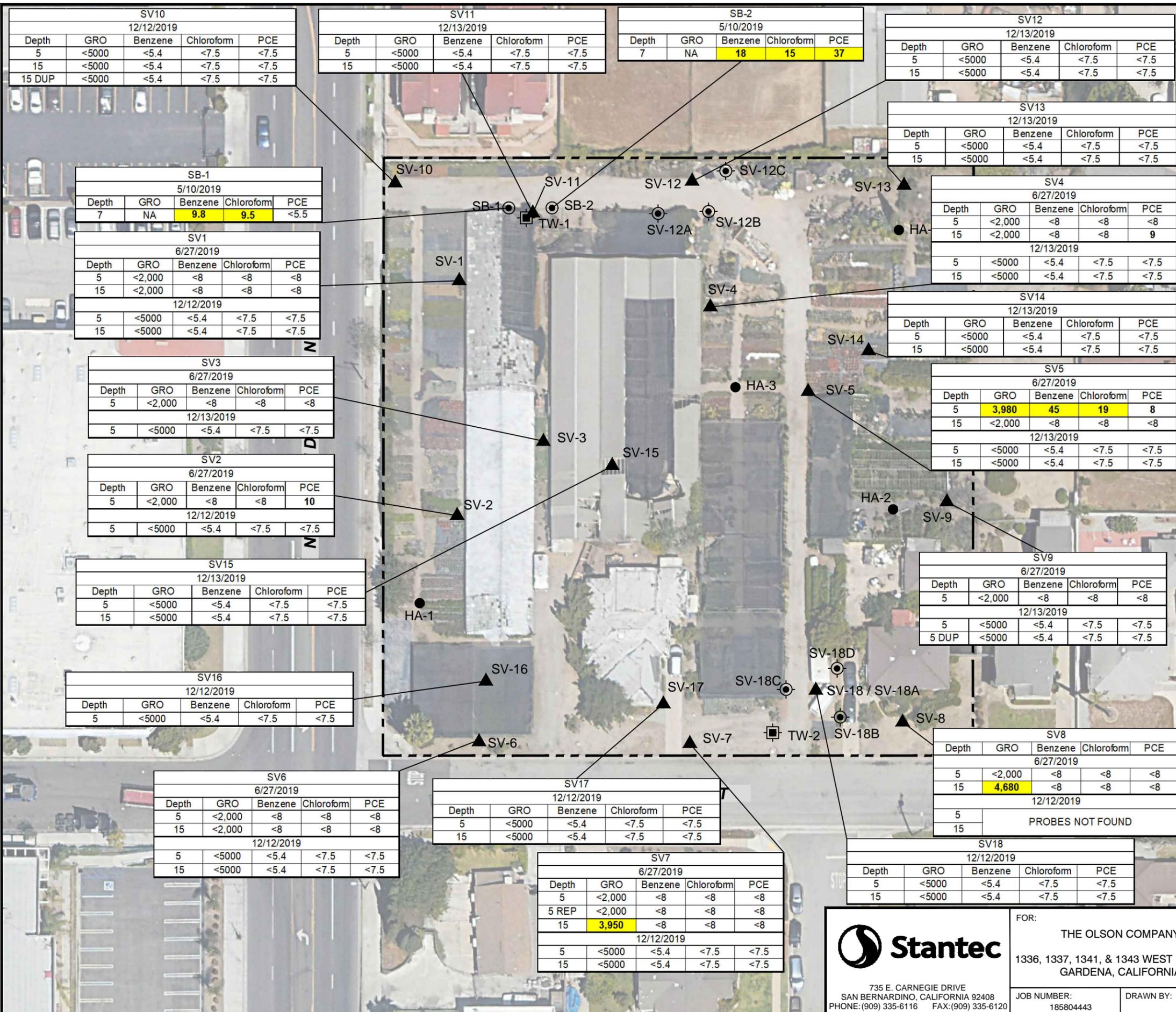
- LEGEND:**
- PROPERTY LINE
  - SB-2 ● SOIL SAMPLE/ SOIL VAPOR PROBE LOCATION
  - HA-2 ● SHALLOW SOIL SAMPLE LOCATION
  - SV-18 ▲ SOIL / SOIL VAPOR SAMPLE LOCATION
  - TW-2 □ GROUNDWATER SAMPLE LOCATION
  - SV-12B ⊙ SOIL STEP-OUT BORING LOCATION

SV18				
12/12/2019				
Depth	GRO	Benzene	Chloroform	PCE
5	<5000	<5.4	<7.5	<7.5
15	<5000	<5.4	<7.5	<7.5

ALL CONCENTRATIONS REPORTED IN MICROGRAM PER CUBIC METER ( $\mu\text{g}/\text{m}^3$ )  
 SAMPLE DATE  
 BORING LOCATION  
 GRO - GASOLINE RANGE ORGANICS  
 PCE - TETRACHLOROETHYLENE  
 < - ANALYTE DETECTED BELOW LABORATORY REPORTING LIMIT  
 BOLD - ANALYTE DETECTED ABOVE LABORATORY REPORTING LIMIT  
 [Yellow Box] CONCENTRATION EXCEEDS RESIDENTIAL SCREENING LEVEL USING 0.03 ATTENUATION FACTOR



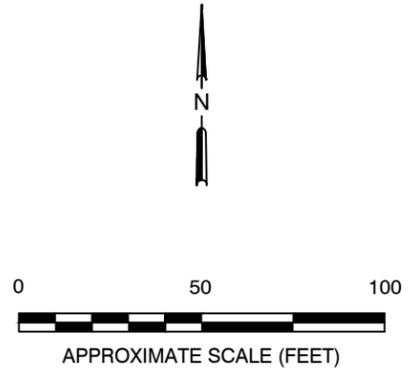
<p>735 E. CARNEGIE DRIVE          SAN BERNARDINO, CALIFORNIA 92408          PHONE: (909) 335-6116 FAX: (909) 335-6120</p>	FOR: <b>THE OLSON COMPANY</b> 1336, 1337, 1341, & 1343 WEST 141ST ST. GARDENA, CALIFORNIA	<b>SOIL VAPOR DATA</b> <b>DECEMBER 2019</b>		FIGURE: <b>2C</b>
	JOB NUMBER: 185804443	DRAWN BY: KM	CHECKED BY: MB	APPROVED BY: BV



- LEGEND:**
- PROPERTY LINE
  - SB-2 ● SOIL SAMPLE/ SOIL VAPOR PROBE LOCATION
  - HA-2 ● SHALLOW SOIL SAMPLE LOCATION
  - SV-18 ▲ SOIL / SOIL VAPOR SAMPLE LOCATION
  - TW-2 □ GROUNDWATER SAMPLE LOCATION
  - SV-12B ⊙ SOIL STEP-OUT BORING LOCATION

SV18				
12/12/2019				
Depth	GRO	Benzene	Chloroform	PCE
5	<5000	<5.4	<7.5	<7.5
15	<5000	<5.4	<7.5	<7.5

ALL CONCENTRATIONS REPORTED IN MICROGRAM PER CUBIC METER ( $\mu\text{g}/\text{m}^3$ )  
 SAMPLE DATE  
 BORING LOCATION  
 GRO - GASOLINE RANGE ORGANICS  
 PCE - TETRACHLOROETHYLENE  
 < - ANALYTE DETECTED BELOW LABORATORY REPORTING LIMIT  
 BOLD - ANALYTE DETECTED ABOVE LABORATORY REPORTING LIMIT  
 [Yellow Box] CONCENTRATION EXCEEDS RESIDENTIAL SCREENING LEVEL USING 0.03 ATTENUATION FACTOR



<p>735 E. CARNEGIE DRIVE          SAN BERNARDINO, CALIFORNIA 92408          PHONE: (909) 335-6116 FAX: (909) 335-6120</p>	FOR:	THE OLSON COMPANY		FIGURE: <b>2D</b>					
		1336, 1337, 1341, & 1343 WEST 141ST ST. GARDENA, CALIFORNIA							
JOB NUMBER:	185804443	DRAWN BY:	KM	CHECKED BY:	MB	APPROVED BY:	BV	DATE:	11/18/19

**APPENDIX A-  
BORING LOGS**



PROJECT: **Olson - Gardena**  
 LOCATION: **1337-1343 W. 141st. St. Gardena CA**  
 PROJECT NUMBER: **185804443**

WELL / PROBEHOLE / BOREHOLE NO:

**SV-10** PAGE 1 OF 1



DRILLING / INSTALLATION:  
 STARTED **11/25/19** COMPLETED: **11/25/19**  
 DRILLING COMPANY: **Interphase Environmental**  
 DRILLING EQUIPMENT: **Geoprobe 6600**  
 DRILLING METHOD: **HA/DPT**  
 SAMPLING EQUIPMENT: **Grab/Acetate**

NORTHING (ft):  
 LAT:  
 GROUND ELEV (ft):  
 INITIAL DTW (ft): **Not Encountered**  
 STATIC DTW (ft): **Not Encountered**  
 WELL CASING DIA. (in): ---  
 LOGGED BY: **J. Sargent**

EASTING (ft):  
 LONG:  
 TOC ELEV (ft):  
 WELL DEPTH (ft):  
 BOREHOLE DEPTH (ft): **16.0**  
 BOREHOLE DIA. (in): **2.25**  
 CHECKED BY: **B. Viggiano**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
0.0		SM	<b>SILTY SAND</b> ; SM; 10YR 4/3 brown; very fine to medium grained sand; some fines; moist; no staining, no odor.		0820 SV-10-1			0.0	0.0	
5.0					0825 SV-10-3			0.0	5.0	
10.0		SC	<b>CLAYEY SAND</b> ; SC; 10YR 3/3 dark brown; very fine to fine grained sand; some medium plasticity fines; moist; no staining; no odor.					0.0	10.0	
15.0								0.0	15.0	
Borehole terminated at 16 feet.										

PROJECT: **Olson - Gardena**  
 LOCATION: **1337-1343 W. 141st. St. Gardena CA**  
 PROJECT NUMBER: **185804443**

WELL / PROBEHOLE / BOREHOLE NO:

**SV-11** PAGE 1 OF 1



DRILLING / INSTALLATION:  
 STARTED **11/25/19** COMPLETED: **11/25/19**  
 DRILLING COMPANY: **Interphase Environmental**  
 DRILLING EQUIPMENT: **Geoprobe 6600**  
 DRILLING METHOD: **HA/DPT**  
 SAMPLING EQUIPMENT: **Grab/Acetate**

NORTHING (ft):  
 LAT:  
 GROUND ELEV (ft):  
 INITIAL DTW (ft): **Not Encountered**  
 STATIC DTW (ft): **Not Encountered**  
 WELL CASING DIA. (in): ---  
 LOGGED BY: **J. Sargent**

EASTING (ft):  
 LONG:  
 TOC ELEV (ft):  
 WELL DEPTH (ft):  
 BOREHOLE DEPTH (ft): **16.0**  
 BOREHOLE DIA. (in): **2.25**  
 CHECKED BY: **B. Viggiano**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
0.0		SM	<b>SILTY SAND</b> ; SM; 10YR 4/3 brown; very fine to medium grained sand; some fines; moist; no staining, no odor.	⊗	0950 SV-11-1			0.0	0.0	
0.0				⊗	0955 SV-11-3			0.0	0.0	
5.0		CL	<b>CLAY WITH SAND</b> ; CL; 10YR 3/3 dark brown; little very fine to fine grained sand; high plasticity fines; moist; no staining; no odor.					0.0	5.0	
10.0		SM	<b>SILTY SAND</b> ; SM; 10YR 4/4 brown; very fine to fine grained sand; some non-plastic fines; moist; no staining; no odor.					0.0	10.0	
15.0		CL	<b>CLAY WITH SAND</b> ; CL; 10YR 3/3 dark brown; little very fine to fine grained sand; high plasticity fines; moist; no staining; no odor; very stiff.					0.0	15.0	
16.0								0.0	16.0	
Borehole terminated at 16 feet.										

GEO FORM 304 SV\_LOGS.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 1/21/20

PROJECT: **Olson - Gardena**  
 LOCATION: **1337-1343 W. 141st. St. Gardena CA**  
 PROJECT NUMBER: **185804443**

WELL / PROBEHOLE / BOREHOLE NO:

**SV-12** PAGE 1 OF 1



DRILLING / INSTALLATION:  
 STARTED **11/25/19** COMPLETED: **11/25/19**  
 DRILLING COMPANY: **Interphase Environmental**  
 DRILLING EQUIPMENT: **Geoprobe 6600**  
 DRILLING METHOD: **HA/DPT**  
 SAMPLING EQUIPMENT: **Grab/Acetate**

NORTHING (ft):  
 LAT:  
 GROUND ELEV (ft):  
 INITIAL DTW (ft): **Not Encountered**  
 STATIC DTW (ft): **Not Encountered**  
 WELL CASING DIA. (in): ---  
 LOGGED BY: **J. Sargent**

EASTING (ft):  
 LONG:  
 TOC ELEV (ft):  
 WELL DEPTH (ft):  
 BOREHOLE DEPTH (ft): **16.0**  
 BOREHOLE DIA. (in): **2.25**  
 CHECKED BY: **B. Viggiano**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SM	<b>SILTY SAND</b> ; SM; 10YR 5/4 yellowish brown; very fine to medium grained sand; some fines; moist; no staining, no odor.	⊗	1050 SV-12-1			0.0		
		SM		⊗	1055 SV-12-3			0.0		← 1/4" Nylaflo Tubing in Cement-Bentonite Grout
5		SC	<b>CLAYEY SAND</b> ; SC; 10YR 3/3 dark brown; very fine to fine grained sand; high plasticity fines; moist; no staining; no odor.					0.0	5	← 12" Dry Granular Bentonite ← 10" Penn Plex Filter in #3 Sand
10		SM	<b>SILTY SAND</b> ; SM; 10YR 5/4 yellowish brown; very fine to medium grained sand; some fines; moist; no staining, no odor.					0.0	10	← 1/4" Nylaflo Tubing in Cement-Bentonite Grout
15		CL	<b>CLAY WITH SAND</b> ; CL; 10YR 3/3 dark brown; little very fine to fine grained sand; high plasticity fines; moist; no staining; no odor; very stiff; expanding clay.					0.0	15	← 12" Dry Granular Bentonite ← 10" Penn Plex Filter in #3 Sand
			Borehole terminated at 16 feet.							

PROJECT: **Olson - Gardena**  
 LOCATION: **1337-1343 W. 141st. St. Gardena CA**  
 PROJECT NUMBER: **185804443**

WELL / PROBEHOLE / BOREHOLE NO:  
**SV-13** PAGE 1 OF 1



DRILLING / INSTALLATION:  
 STARTED **11/25/19** COMPLETED: **11/25/19**  
 DRILLING COMPANY: **Interphase Environmental**  
 DRILLING EQUIPMENT: **Geoprobe 6600**  
 DRILLING METHOD: **HA/DPT**  
 SAMPLING EQUIPMENT: **Grab/Acetate**

NORTHING (ft):  
 LAT:  
 GROUND ELEV (ft):  
 INITIAL DTW (ft): **Not Encountered**  
 STATIC DTW (ft): **Not Encountered**  
 WELL CASING DIA. (in): ---  
 LOGGED BY: **J. Sargent**

EASTING (ft):  
 LONG:  
 TOC ELEV (ft):  
 WELL DEPTH (ft):  
 BOREHOLE DEPTH (ft): **16.0**  
 BOREHOLE DIA. (in): **2.25**  
 CHECKED BY: **B. Viggiano**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
0.0 - 5.0		SM	<b>SILTY SAND</b> ; SM; 10YR 4/3 brown; very fine to medium grained sand; some fines; moist; no staining, no odor.	⊗	1205 SV-13-1			0.0	0.0	
5.0 - 10.0		CL	<b>SANDY CLAY</b> ; CL; 10YR 4/3 brown; very fine to medium grained sand; some medium to high plasticity fines; moist; no staining; no odor.	⊗	1210 SV-13-3			0.0	5.0	← 1/4" Nylaflo Tubing in Cement-Bentonite Grout ← 12" Dry Granular Bentonite ← 10" Penn Plex Filter in #3 Sand
10.0 - 15.0		SC	<b>CLAYEY SAND</b> ; SC; 10YR 3/3 dark brown; very fine to fine grained sand; some high plasticity fines; moist; no staining; no odor.					0.0	10.0	← 1/4" Nylaflo Tubing in Cement-Bentonite Grout
15.0 - 16.0		CL	<b>SANDY CLAY</b> ; CL; 10YR 3/3 dark brown; some very fine to coarse grained sand; high plasticity fines; moist; no staining; no odor; expanding; very stiff.					0.0	15.0	← 12" Dry Granular Bentonite ← 10" Penn Plex Filter in #3 Sand
16.0 - 16.0			Borehole terminated at 16 feet.							

GEO FORM 304 SV\_LOGS.GPJ STANTEC ENVIRO TEMPLATE 010509.GDT 1/21/20

PROJECT: **Olson - Gardena**  
 LOCATION: **1337-1343 W. 141st. St. Gardena CA**  
 PROJECT NUMBER: **185804443**

WELL / PROBEHOLE / BOREHOLE NO:

**SV-14** PAGE 1 OF 1



DRILLING / INSTALLATION:  
 STARTED **11/25/19** COMPLETED: **11/25/19**  
 DRILLING COMPANY: **Interphase Environmental**  
 DRILLING EQUIPMENT: **Geoprobe 6600**  
 DRILLING METHOD: **HA/DPT**  
 SAMPLING EQUIPMENT: **Grab/Acetate**

NORTHING (ft):  
 LAT:  
 GROUND ELEV (ft):  
 INITIAL DTW (ft): **Not Encountered**  
 STATIC DTW (ft): **Not Encountered**  
 WELL CASING DIA. (in): ---  
 LOGGED BY: **J. Sargent**

EASTING (ft):  
 LONG:  
 TOC ELEV (ft):  
 WELL DEPTH (ft):  
 BOREHOLE DEPTH (ft): **16.0**  
 BOREHOLE DIA. (in): **2.25**  
 CHECKED BY: **B. Viggiano**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SC	<b>CLAYEY SAND</b> ; SC; 10YR 3/3 dark brown; very fine to medium grained sand some medium to high plasticity fines; moist; no staining; no odor.		1350 SV-14-1			0.0		
					1355 SV-14-3				0.0	
5								0.0	5	← 12" Dry Granular Bentonite ← 10" Penn Plex Filter in #3 Sand
10								0.0	10	← 1/4" Nylaflo Tubing in Cement-Bentonite Grout
15								0.0	15	← 12" Dry Granular Bentonite ← 10" Penn Plex Filter in #3 Sand
Borehole terminated at 16 feet.										

PROJECT: **Olson - Gardena**  
 LOCATION: **1337-1343 W. 141st. St. Gardena CA**  
 PROJECT NUMBER: **185804443**

WELL / PROBEHOLE / BOREHOLE NO:

**SV-15** PAGE 1 OF 1



DRILLING / INSTALLATION:  
 STARTED **11/25/19** COMPLETED: **11/25/19**  
 DRILLING COMPANY: **Interphase Environmental**  
 DRILLING EQUIPMENT: **Hand Auger**  
 DRILLING METHOD: **HA**  
 SAMPLING EQUIPMENT: **Grab**

NORTHING (ft):  
 LAT:  
 GROUND ELEV (ft):  
 INITIAL DTW (ft): **Not Encountered**  
 STATIC DTW (ft): **Not Encountered**  
 WELL CASING DIA. (in): ---  
 LOGGED BY: **J. Sargent**

EASTING (ft):  
 LONG:  
 TOC ELEV (ft):  
 WELL DEPTH (ft):  
 BOREHOLE DEPTH (ft): **16.0**  
 BOREHOLE DIA. (in): **3**  
 CHECKED BY: **B. Viggiano**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
5		SC	<b>CLAYEY SAND</b> ; SC; 10YR 4/3 brown; very fine to medium grained sand; some medium plasticity fines; moist; no staining, no odor.	⊗	1455 SV-15-1			0.0		
				⊗	1500 SV-15-3			0.0		← 1/4" Nylaflo Tubing in Cement-Bentonite Grout
								0.0	5	← 12" Dry Granular Bentonite ← 10" Penn Plex Filter in #3 Sand
10		SM	<b>SILTY SAND</b> ; SM; 10YR 4/3 brown; very fine to medium grained sand; some non-plastic fines; moist; no staining; no odor.					0.0	10	← 1/4" Nylaflo Tubing in Cement-Bentonite Grout
15		CL	<b>SANDY CLAY</b> ; CL; 10YR 3/3 dark brown; some very fine to medium grained sand; high plasticity fines; moist; no staining; no odor.					0.0	15	← 12" Dry Granular Bentonite ← 10" Penn Plex Filter in #3 Sand

PROJECT: **Olson - Gardena**  
 LOCATION: **1337-1343 W. 141st. St. Gardena CA**  
 PROJECT NUMBER: **185804443**

WELL / PROBEHOLE / BOREHOLE NO:

**SV-16** PAGE 1 OF 1



DRILLING / INSTALLATION:  
 STARTED **11/25/19** COMPLETED: **11/25/19**  
 DRILLING COMPANY: **Interphase Environmental**  
 DRILLING EQUIPMENT: **Hand Auger**  
 DRILLING METHOD: **HA**  
 SAMPLING EQUIPMENT: **Grab**

NORTHING (ft): EASTING (ft):  
 LAT: LONG:  
 GROUND ELEV (ft): TOC ELEV (ft):  
 INITIAL DTW (ft): **Not Encountered** WELL DEPTH (ft):  
 STATIC DTW (ft): **Not Encountered** BOREHOLE DEPTH (ft): **6.0**  
 WELL CASING DIA. (in): --- BOREHOLE DIA. (in): **3**  
 LOGGED BY: **J. Sargent** CHECKED BY: **B. Viggiano**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SM	<b>SILTY SAND</b> ; SM; 10YR 4/3 brown; very fine to fine grained sand;	⊗	0724 SV-16-1			0.0		<p>← 1/4" Nylaflo Tubing in Cement-Bentonite Grout</p> <p>← 12" Dry Granular Bentonite</p> <p>← 10" Penn Plax Filter in #3 Sand</p>
			<b>SANDY CLAY</b>	⊗	0732 SV-16-3			0.0	5	
			Borehole terminated at 6 feet.					0.0	5	
5										
10										
15										

PROJECT: **Olson - Gardena**  
 LOCATION: **1337-1343 W. 141st. St. Gardena CA**  
 PROJECT NUMBER: **185804443**

WELL / PROBEHOLE / BOREHOLE NO:

**SV-17** PAGE 1 OF 1



DRILLING / INSTALLATION:  
 STARTED **11/25/19** COMPLETED: **11/25/19**  
 DRILLING COMPANY: **Interphase Environmental**  
 DRILLING EQUIPMENT: **Geoprobe 6600**  
 DRILLING METHOD: **HA/DPT**  
 SAMPLING EQUIPMENT: **Grab/Acetate**

NORTHING (ft):  
 LAT:  
 GROUND ELEV (ft):  
 INITIAL DTW (ft): **Not Encountered**  
 STATIC DTW (ft): **Not Encountered**  
 WELL CASING DIA. (in): ---  
 LOGGED BY: **J. Sargent**

EASTING (ft):  
 LONG:  
 TOC ELEV (ft):  
 WELL DEPTH (ft):  
 BOREHOLE DEPTH (ft): **16.0**  
 BOREHOLE DIA. (in): **2.25**  
 CHECKED BY: **B. Viggiano**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
		SM	<b>SILTY SAND</b> ; SM; 10YR 4/3 brown; very fine to medium grained sand; some fines; moist; no staining, no odor.	⊗	1600 SV-17-1			0.0		
		SM	<b>SILTY SAND</b> ; SM; 10YR 4/3 brown; very fine to medium grained sand; some fines; moist; no staining, no odor.	⊗	1605 SV-17-3			0.0		← 1/4" Nylaflo Tubing in Cement-Bentonite Grout
5		SC	<b>CLAYEY SAND</b> ; SC; 10YR 4/3 brown; very fine to fine grained sand; high plasticity fines; moist; no staining; no odor.					0.0	5	← 12" Dry Granular Bentonite ← 10" Penn Plex Filter in #3 Sand
		CL	<b>SANDY CLAY</b> ; CL; 10YR 3/3 dark brown; some very fine to fine grained sand; trace coarse graiend sand; high plasticity fines; moist; no staining; no odor.					0.0		
10		SM	<b>SILTY SAND</b> ; SM; 10YR 4/3 brown; very fine to medium grained sand; some fines; moist; no staining, no odor.					0.0	10	← 1/4" Nylaflo Tubing in Cement-Bentonite Grout
		CL	<b>SANDY CLAY</b> ; CL; 10YR 3/3 dark brown; some very fine to fine grained sand; trace coarse graiend sand; high plasticity fines; moist; no staining; no odor.					0.0		
15								0.0	15	← 12" Dry Granular Bentonite ← 10" Penn Plex Filter in #3 Sand
			Borehole terminated at 16 feet.							

PROJECT: **Olson - Gardena**  
 LOCATION: **1337-1343 W. 141st. St. Gardena CA**  
 PROJECT NUMBER: **185804443**

WELL / PROBEHOLE / BOREHOLE NO:

**SV-18** PAGE 1 OF 1



DRILLING / INSTALLATION:  
 STARTED **11/25/19** COMPLETED: **11/25/19**  
 DRILLING COMPANY: **Interphase Environmental**  
 DRILLING EQUIPMENT: **Geoprobe 6600**  
 DRILLING METHOD: **HA/DPT**  
 SAMPLING EQUIPMENT: **Grab/Acetate**

NORTHING (ft):  
 LAT:  
 GROUND ELEV (ft):  
 INITIAL DTW (ft): **Not Encountered**  
 STATIC DTW (ft): **Not Encountered**  
 WELL CASING DIA. (in): ---  
 LOGGED BY: **J. Sargent**

EASTING (ft):  
 LONG:  
 TOC ELEV (ft):  
 WELL DEPTH (ft):  
 BOREHOLE DEPTH (ft): **16.0**  
 BOREHOLE DIA. (in): **2.25**  
 CHECKED BY: **B. Viggiano**

Time & Depth (feet)	Graphic Log	USCS	Description	Sample	Time Sample ID	Measured Recov. (feet)	Blow Count	Headspace PID (units)	Depth (feet)	Borehole Backfill
0.0		SC	<b>CLAYEY SAND</b> ; SC; 10YR 3/3 brown; very fine to fine grained sand; some medium plasticity fines; moist; no staining; no odor.		1625 SV-18-1			0.0		
0.0					1630 SV-18-3				0.0	
5.0								0.0	5	← 12" Dry Granular Bentonite ← 10" Penn Plex Filter in #3 Sand
10.0								0.0	10	← 1/4" Nylaflo Tubing in Cement-Bentonite Grout
15.0								0.0	15	← 12" Dry Granular Bentonite ← 10" Penn Plex Filter in #3 Sand
Borehole terminated at 16 feet.										

**APPENDIX B-  
LABORATORY REPORTS**





# A & R Laboratories, Inc.

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FDA#	2030513
LA City#	10261
ELAP#s	2789
	2790
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## CASE NARRATIVE

Authorized Signature Name / Title (print)	Ken Zheng, President
Signature / Date	 Ken Zheng, President 12/17/2019 16:40:48
Laboratory Job No. (Certificate of Analysis No.)	1912-00142
Project Name / No.	1337 W. 141st St., Gardena, CA 90247
Dates Sampled (from/to)	12/13/19 To 12/13/19
Dates Received (from/to)	12/13/19 To 12/13/19
Dates Reported (from/to)	12/17/19 To 12/17/2019
Chains of Custody Received	Yes

Comments:

**Subcontracting**  
Organic Analyses  
No analyses sub-contracted

**Sample Condition(s)**  
All samples intact



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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 001 SV-11-5										Date & Time Sampled: 12/13/19 @ 7:30			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0		LUFT GCMS	12/13/19	KZ
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 001 <b>SV-11-5</b>										Date & Time Sampled: 12/13/19 @ 7:30			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
 BRIAN VIGGIANO  
 735 E. CARNEGIE DR., STE. 280  
 SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
 Date Received 12/13/19  
 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 001 <b>SV-11-5</b>										Date & Time Sampled: 12/13/19 @ 7:30			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Surrogates]													
Dibromofluoromethane	144		70-130	%REC						EPA 8260B	12/13/19	KZ	
Toluene-D8	125		70-130	%REC						EPA 8260B	12/13/19	KZ	
Bromofluorobenzene	101		70-130	%REC						EPA 8260B	12/13/19	KZ	

Sample: 002 <b>SV-11-15</b>										Date & Time Sampled: 12/13/19 @ 8:00			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0	LUFT GCMS	12/13/19	KZ	
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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FOOD · COSMETICS · WATER · SOIL · SOIL VAPOR · WASTES

## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 002 <b>SV-11-15</b>										Date & Time Sampled: 12/13/19 @ 8:00			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ

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LA City#	10261
ELAP#s	2789
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1912-00142

STANTEC CONSULTING SVCS., INC.

BRIAN VIGGIANO

735 E. CARNEGIE DR., STE. 280

SAN BERNARDINO, CA 92408

Date Reported 12/17/19

Date Received 12/13/19

Invoice No. 87618

Cust # 1003

Permit Number

Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 002 <b>SV-11-15</b>										Date & Time Sampled: 12/13/19 @ 8:00			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<b>0.030</b>	0.0075	0.015	µg/L	<b>30</b>	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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USDA-EPA-NIOSH Testing Food Sanitation Consulting Chemical and Microbiological Analyses and Research



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Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 002 <b>SV-11-15</b>										Date & Time Sampled: 12/13/19 @ 8:00			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Surrogates]													
Dibromofluoromethane	108		70-130	%REC						EPA 8260B	12/13/19	KZ	
Toluene-D8	98		70-130	%REC						EPA 8260B	12/13/19	KZ	
Bromofluorobenzene	100		70-130	%REC						EPA 8260B	12/13/19	KZ	

Sample: 003 <b>SV-12-5</b>										Date & Time Sampled: 12/13/19 @ 8:22			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0	LUFT GCMS	12/13/19	KZ	
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 003 <b>SV-12-5</b>										Date & Time Sampled: 12/13/19 @ 8:22			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
 BRIAN VIGGIANO  
 735 E. CARNEGIE DR., STE. 280  
 SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
 Date Received 12/13/19  
 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 003 <b>SV-12-5</b>										Date & Time Sampled: 12/13/19 @ 8:22			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<b>0.020</b>	0.0075	0.015	µg/L	<b>20</b>	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													

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 BRIAN VIGGIANO  
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 SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
 Date Received 12/13/19  
 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 003 SV-12-5										Date & Time Sampled: 12/13/19 @ 8:22			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
[VOC Surrogates]													
Dibromofluoromethane	109		70-130	%REC							EPA 8260B	12/13/19	KZ
Toluene-D8	100		70-130	%REC							EPA 8260B	12/13/19	KZ
Bromofluorobenzene	101		70-130	%REC							EPA 8260B	12/13/19	KZ
Sample: 004 SV-12-15										Date & Time Sampled: 12/13/19 @ 8:45			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0		LUFT GCMS	12/13/19	KZ
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 004 SV-12-15										Date & Time Sampled: 12/13/19 @ 8:45			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 004 SV-12-15										Date & Time Sampled: 12/13/19 @ 8:45			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<b>0.030</b>	0.0075	0.015	µg/L	<b>30</b>	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Surrogates]													
Dibromofluoromethane	107		70-130	%REC						EPA 8260B	12/13/19	KZ	
Toluene-D8	100		70-130	%REC						EPA 8260B	12/13/19	KZ	
Bromofluorobenzene	102		70-130	%REC						EPA 8260B	12/13/19	KZ	

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
 BRIAN VIGGIANO  
 735 E. CARNEGIE DR., STE. 280  
 SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
 Date Received 12/13/19  
 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 005 <b>SV-13-5</b>										Date & Time Sampled: 12/13/19 @ 9:08			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0		LUFT GCMS	12/13/19	KZ
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 005 SV-13-5										Date & Time Sampled: 12/13/19 @ 9:08			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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1912-00142

STANTEC CONSULTING SVCS., INC.  
 BRIAN VIGGIANO  
 735 E. CARNEGIE DR., STE. 280  
 SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
 Date Received 12/13/19  
 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 005 <b>SV-13-5</b>										Date & Time Sampled: 12/13/19 @ 9:08			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Surrogates]													
Dibromofluoromethane	107		70-130	%REC						EPA 8260B	12/13/19	KZ	
Toluene-D8	99		70-130	%REC						EPA 8260B	12/13/19	KZ	
Bromofluorobenzene	99		70-130	%REC						EPA 8260B	12/13/19	KZ	

Sample: 006 <b>SV-13-15</b>										Date & Time Sampled: 12/13/19 @ 9:50			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0	LUFT GCMS	12/13/19	KZ	
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Benzene	<0.0054	0.0054	0.0075	µg/L		5.4	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	



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BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 006 SV-13-15										Date & Time Sampled: 12/13/19 @ 9:50			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 006 <b>SV-13-15</b>										Date & Time Sampled: 12/13/19 @ 9:50			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<b>0.030</b>	0.0075	0.015	µg/L	<b>30</b>	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
 BRIAN VIGGIANO  
 735 E. CARNEGIE DR., STE. 280  
 SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
 Date Received 12/13/19  
 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 006 <b>SV-13-15</b>										Date & Time Sampled: 12/13/19 @ 9:50			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Surrogates]													
Dibromofluoromethane	109		70-130	%REC						EPA 8260B	12/13/19	KZ	
Toluene-D8	100		70-130	%REC						EPA 8260B	12/13/19	KZ	
Bromofluorobenzene	101		70-130	%REC						EPA 8260B	12/13/19	KZ	

Sample: 007 <b>SV-5-5</b>										Date & Time Sampled: 12/13/19 @ 10:20			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0	LUFT GCMS	12/13/19	KZ	
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	



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STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
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SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 007 SV-5-5										Date & Time Sampled: 12/13/19 @ 10:20			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
 BRIAN VIGGIANO  
 735 E. CARNEGIE DR., STE. 280  
 SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
 Date Received 12/13/19  
 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 007 <b>SV-5-5</b>										Date & Time Sampled: 12/13/19 @ 10:20			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<b>0.020</b>	0.0075	0.015	µg/L	<b>20</b>	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
 BRIAN VIGGIANO  
 735 E. CARNEGIE DR., STE. 280  
 SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
 Date Received 12/13/19  
 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 007 <b>SV-5-5</b>										Date & Time Sampled: 12/13/19 @ 10:20			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
[VOC Surrogates]													
Dibromofluoromethane	107		70-130	%REC							EPA 8260B	12/13/19	KZ
Toluene-D8	99		70-130	%REC							EPA 8260B	12/13/19	KZ
Bromofluorobenzene	103		70-130	%REC							EPA 8260B	12/13/19	KZ

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 008 <b>SV-5-15</b>										Date & Time Sampled: 12/13/19 @ 11:18			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0		LUFT GCMS	12/13/19	KZ
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 008 SV-5-15										Date & Time Sampled: 12/13/19 @ 11:18			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 008 <b>SV-5-15</b>										Date & Time Sampled: 12/13/19 @ 11:18			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<b>0.020</b>	0.0075	0.015	µg/L	<b>20</b>	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Surrogates]													
Dibromofluoromethane	106		70-130	%REC						EPA 8260B	12/13/19	KZ	
Toluene-D8	99		70-130	%REC						EPA 8260B	12/13/19	KZ	
Bromofluorobenzene	102		70-130	%REC						EPA 8260B	12/13/19	KZ	



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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.

BRIAN VIGGIANO

735 E. CARNEGIE DR., STE. 280

SAN BERNARDINO, CA 92408

Date Reported 12/17/19

Date Received 12/13/19

Invoice No. 87618

Cust # 1003

Permit Number

Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 009 <b>SV-15-5</b>										Date & Time Sampled: 12/13/19 @ 11:48			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0		LUFT GCMS	12/13/19	KZ
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 009 SV-15-5										Date & Time Sampled: 12/13/19 @ 11:48			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
 BRIAN VIGGIANO  
 735 E. CARNEGIE DR., STE. 280  
 SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
 Date Received 12/13/19  
 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 009 <b>SV-15-5</b>										Date & Time Sampled: 12/13/19 @ 11:48			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Surrogates]													
Dibromofluoromethane	105		70-130	%REC						EPA 8260B	12/13/19	KZ	
Toluene-D8	98		70-130	%REC						EPA 8260B	12/13/19	KZ	
Bromofluorobenzene	101		70-130	%REC						EPA 8260B	12/13/19	KZ	

Sample: 010 <b>SV-15-15</b>										Date & Time Sampled: 12/13/19 @ 12:15			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0	LUFT GCMS	12/13/19	KZ	
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	



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SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 010 <b>SV-15-15</b>										Date & Time Sampled: 12/13/19 @ 12:15			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 010 SV-15-15										Date & Time Sampled: 12/13/19 @ 12:15			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 010 <b>SV-15-15</b>										Date & Time Sampled: 12/13/19 @ 12:15			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15		EPA 8260B	12/13/19	KZ
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
[VOC Surrogates]													
Dibromofluoromethane	104		70-130	%REC							EPA 8260B	12/13/19	KZ
Toluene-D8	100		70-130	%REC							EPA 8260B	12/13/19	KZ
Bromofluorobenzene	102		70-130	%REC							EPA 8260B	12/13/19	KZ

Sample: 011 <b>SV-14-5</b>										Date & Time Sampled: 12/13/19 @ 12:40			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0		LUFT GCMS	12/13/19	KZ
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ

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1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
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Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 011 SV-14-5										Date & Time Sampled: 12/13/19 @ 12:40			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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# A & R Laboratories, Inc.

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 011 SV-14-5										Date & Time Sampled: 12/13/19 @ 12:40			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													

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1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 011 SV-14-5										Date & Time Sampled: 12/13/19 @ 12:40			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
[VOC Surrogates]													
Dibromofluoromethane	106		70-130	%REC							EPA 8260B	12/13/19	KZ
Toluene-D8	99		70-130	%REC							EPA 8260B	12/13/19	KZ
Bromofluorobenzene	103		70-130	%REC							EPA 8260B	12/13/19	KZ
Sample: 012 SV-14-15										Date & Time Sampled: 12/13/19 @ 13:10			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0		LUFT GCMS	12/13/19	KZ
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ

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BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 012 <b>SV-14-15</b>										Date & Time Sampled: 12/13/19 @ 13:10			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 012 <b>SV-14-15</b>										Date & Time Sampled: 12/13/19 @ 13:10			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Surrogates]													
Dibromofluoromethane	103		70-130	%REC						EPA 8260B	12/13/19	KZ	
Toluene-D8	100		70-130	%REC						EPA 8260B	12/13/19	KZ	
Bromofluorobenzene	103		70-130	%REC						EPA 8260B	12/13/19	KZ	



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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 013 SV-3-5										Date & Time Sampled: 12/13/19 @ 13:55			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0		LUFT GCMS	12/13/19	KZ
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 013 SV-3-5										Date & Time Sampled: 12/13/19 @ 13:55			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
 BRIAN VIGGIANO  
 735 E. CARNEGIE DR., STE. 280  
 SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
 Date Received 12/13/19  
 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 013 <b>SV-3-5</b>										Date & Time Sampled: 12/13/19 @ 13:55			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Surrogates]													
Dibromofluoromethane	100		70-130	%REC						EPA 8260B	12/13/19	KZ	
Toluene-D8	99		70-130	%REC						EPA 8260B	12/13/19	KZ	
Bromofluorobenzene	101		70-130	%REC						EPA 8260B	12/13/19	KZ	

Sample: 014 <b>SV-4-5</b>										Date & Time Sampled: 12/13/19 @ 14:30			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0	LUFT GCMS	12/13/19	KZ	
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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 Cust # 1003  
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 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 014 SV-4-5										Date & Time Sampled: 12/13/19 @ 14:30			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 014 SV-4-5										Date & Time Sampled: 12/13/19 @ 14:30			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 014 SV-4-5										Date & Time Sampled: 12/13/19 @ 14:30			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Surrogates]													
Dibromofluoromethane	106		70-130	%REC						EPA 8260B	12/13/19	KZ	
Toluene-D8	99		70-130	%REC						EPA 8260B	12/13/19	KZ	
Bromofluorobenzene	101		70-130	%REC						EPA 8260B	12/13/19	KZ	

Sample: 015 SV-4-15										Date & Time Sampled: 12/13/19 @ 14:50			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0	LUFT GCMS	12/13/19	KZ	
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	



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SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 015 SV-4-15										Date & Time Sampled: 12/13/19 @ 14:50			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 015 SV-4-15										Date & Time Sampled: 12/13/19 @ 14:50			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
 BRIAN VIGGIANO  
 735 E. CARNEGIE DR., STE. 280  
 SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
 Date Received 12/13/19  
 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 015 <b>SV-4-15</b>										Date & Time Sampled: 12/13/19 @ 14:50			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
.....continued													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
[VOC Surrogates]													
Dibromofluoromethane	104		70-130	%REC							EPA 8260B	12/13/19	KZ
Toluene-D8	100		70-130	%REC							EPA 8260B	12/13/19	KZ
Bromofluorobenzene	102		70-130	%REC							EPA 8260B	12/13/19	KZ

Sample: 016 <b>SV-9-5</b>										Date & Time Sampled: 12/13/19 @ 15:10			
Sample Matrix: <b>Soil Vapor</b>													
Purge Volume Sampled: <b>3</b>													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0		LUFT GCMS	12/13/19	KZ
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ

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1912-00142

STANTEC CONSULTING SVCS., INC.  
 BRIAN VIGGIANO  
 735 E. CARNEGIE DR., STE. 280  
 SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
 Date Received 12/13/19  
 Invoice No. 87618  
 Cust # 1003  
 Permit Number  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 016 SV-9-5										Date & Time Sampled: 12/13/19 @ 15:10			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 016 SV-9-5										Date & Time Sampled: 12/13/19 @ 15:10			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Surrogates]													
Dibromofluoromethane	103		70-130	%REC						EPA 8260B	12/13/19	KZ	
Toluene-D8	100		70-130	%REC						EPA 8260B	12/13/19	KZ	
Bromofluorobenzene	100		70-130	%REC						EPA 8260B	12/13/19	KZ	



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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 017 SV-9-5 DUP										Date & Time Sampled: 12/13/19 @ 15:10			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
[TPH Gasoline by GCMS ]													
C4-C12	<5	5	10	µg/L	<5,000.0	5,000.0	10,000	µg/m3	1.0		LUFT GCMS	12/13/19	KZ
[VOCs by GCMS]													
Acetone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Amyl Methyl Ether (TAME)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Benzene	<0.0054	0.0054	0.0075	µg/L	<5.4	5.4	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromodichloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromoform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Bromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
t-Butanol (TBA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Butanone (MEK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
n-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
sec-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
tert-Butylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Disulfide	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Carbon Tetrachloride	<0.0038	0.00375	0.0075	µg/L	<3.8	3.8	8	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloroform	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Chloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
2-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
4-Chlorotoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dibromochloromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dibromoethane (EDB)	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dibromo-3-Chloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
Dibromomethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,2-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ
1,3-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15		EPA 8260B	12/13/19	KZ

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## CERTIFICATE OF ANALYSIS

1912-00142

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO  
735 E. CARNEGIE DR., STE. 280  
SAN BERNARDINO, CA 92408

Date Reported 12/17/19  
Date Received 12/13/19  
Invoice No. 87618  
Cust # 1003  
Permit Number  
Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 017 SV-9-5 DUP										Date & Time Sampled: 12/13/19 @ 15:10			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
1,4-Dichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Dichlorodifluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,2-Dichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2,2-Dichloropropane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
cis-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
trans-1,3-Dichloropropene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Diisopropyl Ether (DiPE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Ethyl-t-Butyl Ether (EtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Hexachlorobutadiene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
2-Hexanone	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Isopropylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Isopropyltoluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methylene Chloride	<0.0075	0.0075	0.02	µg/L	<7.5	7.5	20	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
4-Methyl-2-Pentanone (MIBK)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Methyl-t-butyl Ether (MtBE)	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Naphthalene	<0.0048	0.0048	0.0075	µg/L	<4.8	4.8	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
n-Propylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Styrene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2,2-Tetrachloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Tetrachloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Toluene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	

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Project: 1337 W. 141st St., Gardena, CA 90247

Analysis	Result	MDL	RL	Units	Result	MDL	RL	Units	Qual	DF	Method	Date	Tech
Sample: 017 SV-9-5 DUP										Date & Time Sampled: 12/13/19 @ 15:10			
Sample Matrix: Soil Vapor													
Purge Volume Sampled: 3													
.....continued													
1,2,3-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trichlorobenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,1-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,1,2-Trichloroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichloroethene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,3-Trichloropropane	<0.0030	0.003	0.015	µg/L	<3.0	3.0	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorofluoromethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Trichlorotrifluoroethane	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,2,4-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
1,3,5-Trimethylbenzene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
Vinyl Chloride	<0.0012	0.0012	0.0075	µg/L	<1.2	1.2	8	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
m,p-Xylenes	<0.0150	0.015	0.030	µg/L	<15.0	15.0	30	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
o-Xylene	<0.0075	0.0075	0.015	µg/L	<7.5	7.5	15	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Vapor Sampling Tracer]													
Isopropanol (IPA)	<0.0750	0.075	0.15	µg/L	<75.0	75.0	150	µg/m3	0.15	EPA 8260B	12/13/19	KZ	
[VOC Surrogates]													
Dibromofluoromethane	102		70-130	%REC						EPA 8260B	12/13/19	KZ	
Toluene-D8	94		70-130	%REC						EPA 8260B	12/13/19	KZ	
Bromofluorobenzene	102		70-130	%REC						EPA 8260B	12/13/19	KZ	

Respectfully Submitted:

Ken Zheng - President



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## QUALIFIERS

- B = Detected in the associated Method Blank at a concentration above the routine RL
- B1= BOD blank is over specifications . The reported result may be biased high.
- D = Surrogate recoveries are not calculated due to sample dilution
- E = Estimated value
- H = Analyte was prepared and/or analyzed outside of the analytical method holding time
- I = Matrix Interference
- J = Analyte concentration detected between RL and MDL

## ABBREVIATIONS

- DF = Dilution Factor
- RL = Reporting Limit
- MDL = Method Detection Limit
- Qual = Qualifier
- Tech = Technician

*As regulatory limits change frequently, Microbac advises the recipient of this report to confirm such limits with the appropriate federal, state, or local authorities before acting in reliance on the regulatory limits provided.*

*For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.*



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## QUALITY CONTROL DATA REPORT

STANTEC CONSULTING SVCS., INC.  
 BRIAN VIGGIANO  
 735 E. CARNEGIE DR., STE. 280  
 SAN BERNARDINO, CA 92408

1912-00142

Date Reported 12/17/2019  
 Date Received 12/13/2019  
 Date Sampled 12/13/2019  
 Invoice No. 87618  
 Customer # 1003  
 Customer P.O.

Project: 1337 W. 141st St., Gardena, CA 90247

**Method # EPA 8260B**

QC Reference # 86566 Date Analyzed: 12/13/2019 Technician: KZ

Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017

**Results**

	LCS %REC	LCS %DUP	LCS %RPD	BLKSRR% REC
1,1-Dichloroethene	87	72	18.9	
Benzene	94	84	12.0	
Bromofluorobenzene				97
Chlorobenzene	110	111	1.0	
Dibromofluoromethan				102
Toluene	105	102	3.6	
Toluene-D8				97
Trichloroethene	100	97	3.2	

**Control Ranges**

LCS %REC	LCS %RPD	BLKSRR%REC
70 - 130	0 - 25	
70 - 130	0 - 25	
70 - 130	0 - 25	50 - 150
70 - 130	0 - 25	50 - 150
70 - 130	0 - 25	50 - 150
70 - 130	0 - 25	

**Method # LUFT GCMS**

QC Reference # 86567 Date Analyzed: 12/13/2019 Technician: KZ

Samples 001 002 003 004 005 006 007 008 009 010 011 012 013 014 015 016 017

**Results**

	LCS %REC	LCS %DUP	LCS %RPD
C4-C12	92	93	1.5

**Control Ranges**

LCS %REC	LCS %RPD
70 - 130	0 - 25



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STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO

1912-00142

Date Reported 12/17/2019  
Date Received 12/13/2019  
Date Sampled 12/13/2019

Project: 1337 W. 141st St., Gardena, CA 90247

### Method blank results

Ref	Test Name	Result	Qualif	Units	MDL	Ref	Test Name	Result	Qualif	Units	MDL
86566	Acetone	<0.0750		µg/L	0.0750		Isopropylbenzene	<0.0075		µg/L	0.0075
	t-Amyl Methyl Ether (TAME)	<0.0075		µg/L	0.0075		4-Isopropyltoluene	<0.0075		µg/L	0.0075
	Benzene	<0.0054		µg/L	0.0054		Methylene Chloride	<0.0075		µg/L	0.0075
	Bromobenzene	<0.0075		µg/L	0.0075		4-Methyl-2-Pentanone (MIBK)	<0.0750		µg/L	0.0750
	Bromochloromethane	<0.0075		µg/L	0.0075		Methyl-t-butyl Ether (MtBE)	<0.0075		µg/L	0.0075
	Bromodichloromethane	<0.0075		µg/L	0.0075		Naphthalene	<0.0048		µg/L	0.0048
	Bromoform	<0.0075		µg/L	0.0075		n-Propylbenzene	<0.0075		µg/L	0.0075
	Bromomethane	<0.0075		µg/L	0.0075		Styrene	<0.0075		µg/L	0.0075
	t-Butanol (TBA)	<0.0750		µg/L	0.0750		1,1,1,2-Tetrachloroethane	<0.0075		µg/L	0.0075
	2-Butanone (MEK)	<0.0750		µg/L	0.0750		1,1,2,2-Tetrachloroethane	<0.0075		µg/L	0.0075
	n-Butylbenzene	<0.0075		µg/L	0.0075		Tetrachloroethene	<0.0075		µg/L	0.0075
	sec-Butylbenzene	<0.0075		µg/L	0.0075		Toluene	<0.0075		µg/L	0.0075
	tert-Butylbenzene	<0.0075		µg/L	0.0075		1,2,3-Trichlorobenzene	<0.0075		µg/L	0.0075
	Carbon Disulfide	<0.0750		µg/L	0.0750		1,2,4-Trichlorobenzene	<0.0075		µg/L	0.0075
	Carbon Tetrachloride	<0.0038		µg/L	0.0038		1,1,1-Trichloroethane	<0.0075		µg/L	0.0075
	Chlorobenzene	<0.0075		µg/L	0.0075		1,1,2-Trichloroethane	<0.0075		µg/L	0.0075
	Chloroethane	<0.0075		µg/L	0.0075		Trichloroethene	<0.0075		µg/L	0.0075
	Chloroform	<0.0075		µg/L	0.0075		1,2,3-Trichloropropane	<0.0030		µg/L	0.0030
	Chloromethane	<0.0075		µg/L	0.0075		Trichlorofluoromethane	<0.0075		µg/L	0.0075
	2-Chlorotoluene	<0.0075		µg/L	0.0075		Trichlorotrifluoroethane	<0.0075		µg/L	0.0075
	4-Chlorotoluene	<0.0075		µg/L	0.0075		1,2,4-Trimethylbenzene	<0.0075		µg/L	0.0075
	Dibromochloromethane	<0.0075		µg/L	0.0075		1,3,5-Trimethylbenzene	<0.0075		µg/L	0.0075
	1,2-Dibromoethane (EDB)	<0.0030		µg/L	0.0030		Vinyl Chloride	<0.0012		µg/L	0.0012
	1,2-Dibromo-3-Chloropropane	<0.0030		µg/L	0.0030		m,p-Xylenes	<0.0150		µg/L	0.0150
	Dibromomethane	<0.0075		µg/L	0.0075		o-Xylene	<0.0075		µg/L	0.0075
	1,2-Dichlorobenzene	<0.0075		µg/L	0.0075		Isopropanol (IPA)	<0.0750		µg/L	0.0750
	1,3-Dichlorobenzene	<0.0075		µg/L	0.0075	86567	C4-C12	<0.7500		µg/L	0.7500
	1,4-Dichlorobenzene	<0.0075		µg/L	0.0075						
	Dichlorodifluoromethane	<0.0075		µg/L	0.0075						
	1,1-Dichloroethane	<0.0075		µg/L	0.0075						
	1,2-Dichloroethane	<0.0075		µg/L	0.0075						
	1,1-Dichloroethene	<0.0075		µg/L	0.0075						
	cis-1,2-Dichloroethene	<0.0075		µg/L	0.0075						
	trans-1,2-Dichloroethene	<0.0075		µg/L	0.0075						
	1,2-Dichloropropane	<0.0075		µg/L	0.0075						
	1,3-Dichloropropane	<0.0075		µg/L	0.0075						
	2,2-Dichloropropane	<0.0075		µg/L	0.0075						
	1,1-Dichloropropene	<0.0075		µg/L	0.0075						
	cis-1,3-Dichloropropene	<0.0075		µg/L	0.0075						
	trans-1,3-Dichloropropene	<0.0075		µg/L	0.0075						
	Diisopropyl Ether (DIPE)	<0.0075		µg/L	0.0075						
	Ethylbenzene	<0.0075		µg/L	0.0075						
	Ethyl-t-Butyl Ether (EtBE)	<0.0075		µg/L	0.0075						
	Hexachlorobutadiene	<0.0075		µg/L	0.0075						
	2-Hexanone	<0.0750		µg/L	0.0750						



# A & R Laboratories, Inc.

1650 S. GROVE AVE., SUITE C  
ONTAIRO, CA 91761  
951-779-0310 FAX 951-779-0344  
www.arlaboratories.com office@arlaboratories.com

FDA#	2030513
LA City#	10261
ELAP#s	2789
	2790
	2122

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## QUALITY CONTROL DATA REPORT

STANTEC CONSULTING SVCS., INC.  
BRIAN VIGGIANO

**1912-00142**

**Date Reported** 12/17/2019  
**Date Received** 12/13/2019  
**Date Sampled** 12/13/2019

**Project: 1337 W. 141st St., Gardena, CA 90247**

*Respectfully Submitted:*

Ken Zheng - President

*For any feedback concerning our services, please contact Jenny Jiang, Project Manager at 951.779.0310. You may also contact Ken Zheng, President at office@arlaboratories.com.*



# A & R Laboratories

1650 S. Grove Ave., Ste C, Ontario, CA 91761  
 Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344  
 E-mail: office@arlaboratories.com

# CHAIN OF CUSTODY

A &amp; R Work Order #:

1912-142

Page 1 of 2

Client Name <b>stantec</b>				<input type="checkbox"/> Chilled		<b>Analyses Requested</b> <input type="checkbox"/> Intact <input type="checkbox"/> Seal										Turn Around Time Requested	
E-mail <b>BRIAN.VIGGIANO@STANTEC.COM</b>				<input checked="" type="checkbox"/> Intact												Rush 8 12 24 48 Hours	
Address <b>735 E. CARNEGIE DR., STE. 200, SN BDN0,</b>				<input type="checkbox"/> Seal		EPA8260B (VOCs & Oxygenates) EPA8260B(BTEX & Oxygenates) LUFT / 8015 (Gasoline) LUFT / 8015 (Diesel) EPA8081A (Organochlorine Pesticides) EPA 8082 (PCBs) EPA 8015M (Carbon Chain C4-C40) EPA 6010B/7000 (CAM 17 Metals) Micro: Plate Cnt., Coliform, E-Coli										Normal Report in	
Report Attention <b>BRIAN V.</b>		Phone # <b>909.255.8204</b>		Sampled By <b>KZ</b>												8 12 24 48 Hours	
Project No./ Name		Project Site		ug/m <sup>3</sup> Remarks													
		<b>1337 W 141st Gardena, CA 90247</b>															
Lab # (Lab use)	Client Sample ID	Date	Time	Matrix Type	Sample Preserve	No., type* & size of container	EPA8260B (VOCs & Oxygenates)	EPA8260B(BTEX & Oxygenates)	LUFT / 8015 (Gasoline)	LUFT / 8015 (Diesel)	EPA8081A (Organochlorine Pesticides)	EPA 8082 (PCBs)	EPA 8015M (Carbon Chain C4-C40)	EPA 6010B/7000 (CAM 17 Metals)	Micro: Plate Cnt., Coliform, E-Coli		
1	SV-11-5	12/13/19	7:30	air		250ml G7	X	X								3 yr	
2	SV-11-15		8:00														
3	SV-12-5		8:22														
4	SV-12-15		8:45														
5	SV-13-5		9:08														
6	SV-13-15		9:50														
7	SV-5-5		10:20														
8	SV-5-15		11:18														
9	SV-15-5		11:48														
10	SV-15-15		12:15														
11	SV-14-5		12:40														
12	SV-14-15		13:10														
13	SV-3-5		13:55														
14	SV-4-5		14:30														
15	SV-4-15		14:50														
Relinquished By <i>[Signature]</i>		Company <b>stantec</b>		Date <b>12-13-19</b>		Time <b>16:20</b>		Received By <i>[Signature]</i>		Company <b>A &amp; R</b>		Date <b>12/13/19</b>		Time <b>16:20</b>		Note: Samples are discarded 30 days after results are reported unless other arrangements are made.	
Relinquished By		Company		Date		Time		Received By		Company		Date		Time			

Matrix Code:	DW=Drinking Water GW=Ground Water WW=Waste Water SD=Solid Waste	SL=Sludge SS=Soil/Sediment AR=Air PP=Pure Product	Preservative Code	IC=Ice HC=HCl HN=HNO <sub>3</sub>	SH=NaOH ST=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> HS=H <sub>2</sub> SO <sub>4</sub>	* Sample Container Types: T=Tedlar Air Bag G=Glass Container ST= Steel Tube	B= Brass Tube P=Plastic Bottle V=VOA Vial	E= EnCore
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**A & R Laboratories**  
 1650 S. Grove Ave., Ste C, Ontario, CA 91761  
 Tel: 951-779-0310 / 909-781-6335 Fax: 951-779-0344  
 E-mail: office@arlaboratories.com

# CHAIN OF CUSTODY

A & R Work Order #:

1912-142

Page 2 of 2

Client Name <b>stante</b>				<input type="checkbox"/> Chilled		<b>Analyses Requested</b>										Turn Around Time Requested		
E-mail <b>BRIAN.VIGGIANO@STANTEC.COM</b>				<input checked="" type="checkbox"/> Intact														<input type="checkbox"/> Rush 8 12 24 48 Hours  <input type="checkbox"/> Normal
Address <b>735 E. CARNEGIE DR., STE. 200, SN BDNO.</b>				<input type="checkbox"/> Seal		EPA8260B (VOCs & Oxygenates) EPA8260B(BTEX & Oxygenates) LUFT / 8015 (Gasoline) LUFT / 8015 (Diesel) EPA8081A (Organochlorine Pesticides) EPA 8082 (PCBs) EPA 8015M (Carbon Chain C4-C40) EPA 6010B/7000 (CAM 17 Metals) Micro: Plate Cnt., Colliform, E-Coli		Report in $\mu\text{g}/\text{m}^3$ Remarks										
Report Attention <b>BRIAN V.</b>	Phone # <b>909.255.8204</b>	Sampled By <b>KZ</b>		Project No./ Name						Project Site								
Project No./ Name		Project Site		Sample Collection		Matrix Type	Sample Preserve	No., type* & size of container										
Lab # (Lab use)	Client Sample ID	Date	Time	Matrix Type	Sample Preserve	No., type* & size of container												
-16	SV-9-5	12/13/19	15:10	Air		250ml G	X	X										
-17	SV-9-5 dup	↓	15:10	↓		↓	X	X										
Relinquished By <i>[Signature]</i> Company <b>Stante</b>		Date	Time	Received By <i>[Signature]</i> Company <b>KZ</b>		Date	Time	Note: Samples are discarded 30 days after results are reported unless other arrangements are made.										
Relinquished By _____ Company _____		Date	Time	Received By _____ Company _____		Date	Time											

Matrix Code:	DW=Drinking Water GW=Ground Water WW=Waste Water SD=Solid Waste	SL=Sludge SS=Soil/Sediment AR=Air PP=Pure Product	Preservative Code	IC=Ice HC=HCl HN=HNO <sub>3</sub>	SH=NaOH ST=Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> HS=H <sub>2</sub> SO <sub>4</sub>	* Sample Container Types: T=Tedlar Air Bag G=Glass Container ST= Steel Tube	B= Brass Tube P=Plastic Bottle V=VOA Vial	E= EnCore
--------------	--	--	-------------------	---	--	--	---	-----------



December 04, 2019

Brian Viggiano  
Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408  
Tel: (909) 255-8204  
Fax:(909) 335-6120

ELAP No.: 1838  
CSDLAC No.: 10196  
ORELAP No.: CA300003

Re: ATL Work Order Number : 1904258  
Client Reference : 185804443

Enclosed are the results for sample(s) received on November 26, 2019 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

A handwritten signature in black ink, appearing to read "Edgar Caballero", with a small "for" written below it.

Edgar Caballero  
President & Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.

*3275 Walnut Avenue, Signal Hill, CA 90755 • Tel: 562-989-4045 • Fax: 562-989-4040  
www.atlglobal.com*



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

### SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-16-1	1904258-01	Soil	11/25/19 7:24	11/26/19 13:03
SV-10-1	1904258-03	Soil	11/25/19 8:20	11/26/19 13:03
SV-11-1	1904258-05	Soil	11/25/19 9:50	11/26/19 13:03
SV-12-1	1904258-07	Soil	11/25/19 10:50	11/26/19 13:03
SV-13-1	1904258-09	Soil	11/25/19 12:05	11/26/19 13:03
SV-14-1	1904258-11	Soil	11/25/19 13:50	11/26/19 13:03
SV-15-1	1904258-13	Soil	11/25/19 14:55	11/26/19 13:03
SV-17-1	1904258-15	Soil	11/25/19 16:00	11/26/19 13:03
SV-18-1	1904258-17	Soil	11/25/19 16:25	11/26/19 13:03



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

**Client Sample ID: SV-16-1**

**Lab ID: 1904258-01**

**Total Metals by ICP-AES EPA 6010B**

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.8	1.0	1	B9L0025	12/03/2019	12/03/19 18:17	
Lead	25	1.0	1	B9L0025	12/03/2019	12/03/19 18:17	

**Organochlorine Pesticides by EPA 8081A**

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	2.8	2.0	1	B9L0022	12/02/2019	12/02/19 16:12	
4,4'-DDE	78	10	5	B9L0022	12/02/2019	12/02/19 19:21	
4,4'-DDT	3.2	2.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Aldrin	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:12	
alpha-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:12	
alpha-Chlordane	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:12	
beta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Chlordane	ND	8.5	1	B9L0022	12/02/2019	12/02/19 16:12	
delta-BHC	8.2	1.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Dieldrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Endosulfan I	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Endosulfan II	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Endosulfan sulfate	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Endrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Endrin aldehyde	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Endrin ketone	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:12	
gamma-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:12	
gamma-Chlordane	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Heptachlor	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Heptachlor epoxide	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Methoxychlor	ND	5.0	1	B9L0022	12/02/2019	12/02/19 16:12	
Toxaphene	ND	50	1	B9L0022	12/02/2019	12/02/19 16:12	
Surrogate: Decachlorobiphenyl	47.9 %	32 - 91		B9L0022	12/02/2019	12/02/19 19:21	
Surrogate: Decachlorobiphenyl	49.0 %	32 - 91		B9L0022	12/02/2019	12/02/19 16:12	
Surrogate: Tetrachloro-m-xylene	67.2 %	38 - 93		B9L0022	12/02/2019	12/02/19 19:21	
Surrogate: Tetrachloro-m-xylene	63.2 %	38 - 93		B9L0022	12/02/2019	12/02/19 16:12	



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Brian Viggiano  
 Reported : 12/04/2019

**Client Sample ID: SV-10-1**

**Lab ID: 1904258-03**

## Total Metals by ICP-AES EPA 6010B

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.0	1.0	1	B9L0025	12/03/2019	12/03/19 18:21	
Lead	54	1.0	1	B9L0025	12/03/2019	12/03/19 18:21	

## Organochlorine Pesticides by EPA 8081A

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:23	
4,4'-DDE [2C]	41	2.0	1	B9L0022	12/02/2019	12/02/19 16:23	
4,4'-DDT [2C]	33	2.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Aldrin	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:23	
alpha-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:23	
alpha-Chlordane	10	1.0	1	B9L0022	12/02/2019	12/02/19 16:23	
beta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Chlordane [2C]	140	8.5	1	B9L0022	12/02/2019	12/02/19 16:23	
delta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Dieldrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Endosulfan I	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Endosulfan II	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Endosulfan sulfate	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Endrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Endrin aldehyde	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Endrin ketone	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:23	
gamma-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:23	
gamma-Chlordane [2C]	13	1.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Heptachlor	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Heptachlor epoxide	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Methoxychlor	ND	5.0	1	B9L0022	12/02/2019	12/02/19 16:23	
Toxaphene	ND	50	1	B9L0022	12/02/2019	12/02/19 16:23	
Surrogate: Decachlorobiphenyl	51.5 %	32 - 91		B9L0022	12/02/2019	12/02/19 16:23	
Surrogate: Tetrachloro-m-xylene	65.7 %	38 - 93		B9L0022	12/02/2019	12/02/19 16:23	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

**Client Sample ID: SV-11-1**

**Lab ID: 1904258-05**

### Total Metals by ICP-AES EPA 6010B

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	1.7	1.0	1	B9L0025	12/03/2019	12/03/19 18:23	
Lead	10	1.0	1	B9L0025	12/03/2019	12/03/19 18:23	

### Organochlorine Pesticides by EPA 8081A

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:34	
4,4'-DDE	11	2.0	1	B9L0022	12/02/2019	12/02/19 16:34	
4,4'-DDT [2C]	16	2.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Aldrin	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:34	
alpha-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:34	
alpha-Chlordane [2C]	1.5	1.0	1	B9L0022	12/02/2019	12/02/19 16:34	
beta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Chlordane [2C]	12	8.5	1	B9L0022	12/02/2019	12/02/19 16:34	
delta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Dieldrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Endosulfan I	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Endosulfan II	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Endosulfan sulfate	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Endrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Endrin aldehyde	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Endrin ketone	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:34	
gamma-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:34	
gamma-Chlordane	1.6	1.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Heptachlor	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Heptachlor epoxide	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Methoxychlor	ND	5.0	1	B9L0022	12/02/2019	12/02/19 16:34	
Toxaphene	ND	50	1	B9L0022	12/02/2019	12/02/19 16:34	
Surrogate: Decachlorobiphenyl	42.9 %	32 - 91		B9L0022	12/02/2019	12/02/19 16:34	
Surrogate: Tetrachloro-m-xylene	57.2 %	38 - 93		B9L0022	12/02/2019	12/02/19 16:34	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

**Client Sample ID: SV-12-1**

**Lab ID: 1904258-07**

### Total Metals by ICP-AES EPA 6010B

Analyst: KEK

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.6	1.0	1	B9L0025	12/03/2019	12/03/19 18:29	
Lead	110	1.0	1	B9L0025	12/03/2019	12/03/19 18:29	

### Organochlorine Pesticides by EPA 8081A

Analyst: KD

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:45	
4,4'-DDE	6.2	2.0	1	B9L0022	12/02/2019	12/02/19 16:45	
4,4'-DDT [2C]	8.1	2.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Aldrin	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:45	
alpha-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:45	
alpha-Chlordane	1.8	1.0	1	B9L0022	12/02/2019	12/02/19 16:45	
beta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Chlordane [2C]	22	8.5	1	B9L0022	12/02/2019	12/02/19 16:45	
delta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Dieldrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Endosulfan I	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Endosulfan II	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Endosulfan sulfate	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Endrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Endrin aldehyde	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Endrin ketone	ND	2.0	1	B9L0022	12/02/2019	12/02/19 16:45	
gamma-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:45	
gamma-Chlordane	2.0	1.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Heptachlor	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Heptachlor epoxide	ND	1.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Methoxychlor	ND	5.0	1	B9L0022	12/02/2019	12/02/19 16:45	
Toxaphene	ND	50	1	B9L0022	12/02/2019	12/02/19 16:45	
Surrogate: Decachlorobiphenyl	56.9 %	32 - 91		B9L0022	12/02/2019	12/02/19 16:45	
Surrogate: Tetrachloro-m-xylene	58.1 %	38 - 93		B9L0022	12/02/2019	12/02/19 16:45	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

**Client Sample ID: SV-13-1**

**Lab ID: 1904258-09**

### Total Metals by ICP-AES EPA 6010B

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>Arsenic</b>	<b>3.9</b>	1.0	1	B9L0025	12/03/2019	12/03/19 18:31	
<b>Lead</b>	<b>19</b>	1.0	1	B9L0025	12/03/2019	12/03/19 18:31	

### Organochlorine Pesticides by EPA 8081A

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:25	
<b>4,4'-DDE</b>	<b>39</b>	2.0	1	B9L0022	12/02/2019	12/02/19 17:25	
<b>4,4'-DDT</b>	<b>9.3</b>	2.0	1	B9L0022	12/02/2019	12/02/19 17:25	
Aldrin	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:25	
alpha-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:25	
<b>alpha-Chlordane</b>	<b>8.6</b>	1.0	1	B9L0022	12/02/2019	12/02/19 17:25	
beta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:25	
<b>Chlordane</b>	<b>120</b>	8.5	1	B9L0022	12/02/2019	12/02/19 17:25	
<b>delta-BHC</b>	<b>15</b>	1.0	1	B9L0022	12/02/2019	12/02/19 17:25	
Dieldrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:25	
Endosulfan I	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:25	
Endosulfan II	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:25	
Endosulfan sulfate	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:25	
Endrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:25	
Endrin aldehyde	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:25	
Endrin ketone	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:25	
gamma-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:25	
<b>gamma-Chlordane</b>	<b>6.4</b>	1.0	1	B9L0022	12/02/2019	12/02/19 17:25	
Heptachlor	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:25	
Heptachlor epoxide	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:25	
Methoxychlor	ND	5.0	1	B9L0022	12/02/2019	12/02/19 17:25	
Toxaphene	ND	50	1	B9L0022	12/02/2019	12/02/19 17:25	
<i>Surrogate: Decachlorobiphenyl</i>	<i>61.7 %</i>	<i>32 - 91</i>		B9L0022	12/02/2019	<i>12/02/19 17:25</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>66.4 %</i>	<i>38 - 93</i>		B9L0022	12/02/2019	<i>12/02/19 17:25</i>	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

**Client Sample ID: SV-14-1**

**Lab ID: 1904258-11**

**Total Metals by ICP-AES EPA 6010B**

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.1	1.0	1	B9L0025	12/03/2019	12/03/19 18:32	
Lead	9.4	1.0	1	B9L0025	12/03/2019	12/03/19 18:32	

**Organochlorine Pesticides by EPA 8081A**

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD [2C]	4.4	2.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
4,4'-DDE	26	2.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
4,4'-DDT [2C]	48	2.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Aldrin	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
alpha-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
alpha-Chlordane	6.7	1.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
beta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Chlordane [2C]	83	8.5	1	B9L0022	12/02/2019	12/02/19 17:36	E3
delta-BHC	4.3	1.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Dieldrin [2C]	17	2.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Endosulfan I	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Endosulfan II	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Endosulfan sulfate	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Endrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Endrin aldehyde	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Endrin ketone	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
gamma-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
gamma-Chlordane [2C]	7.5	1.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Heptachlor	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Heptachlor epoxide	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Methoxychlor	ND	5.0	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Toxaphene	ND	50	1	B9L0022	12/02/2019	12/02/19 17:36	E3
Surrogate: Decachlorobiphenyl	28.6 %	32 - 91		B9L0022	12/02/2019	12/02/19 17:36	S10, S13
Surrogate: Tetrachloro-m-xylene	42.9 %	38 - 93		B9L0022	12/02/2019	12/02/19 17:36	



# Certificate of Analysis

Stantec  
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 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Brian Viggiano  
 Reported : 12/04/2019

**Client Sample ID: SV-15-1**

**Lab ID: 1904258-13**

## Total Metals by ICP-AES EPA 6010B

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	2.3	1.0	1	B9L0025	12/03/2019	12/03/19 18:34	
Lead	7.3	1.0	1	B9L0025	12/03/2019	12/03/19 18:34	

## Organochlorine Pesticides by EPA 8081A

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:47	
4,4'-DDE	34	2.0	1	B9L0022	12/02/2019	12/02/19 17:47	
4,4'-DDT [2C]	8.2	2.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Aldrin	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:47	
alpha-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:47	
alpha-Chlordane	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:47	
beta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Chlordane	ND	8.5	1	B9L0022	12/02/2019	12/02/19 17:47	
delta-BHC	8.7	1.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Dieldrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Endosulfan I	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Endosulfan II	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Endosulfan sulfate	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Endrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Endrin aldehyde	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Endrin ketone	ND	2.0	1	B9L0022	12/02/2019	12/02/19 17:47	
gamma-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:47	
gamma-Chlordane	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Heptachlor	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Heptachlor epoxide	ND	1.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Methoxychlor	ND	5.0	1	B9L0022	12/02/2019	12/02/19 17:47	
Toxaphene	ND	50	1	B9L0022	12/02/2019	12/02/19 17:47	
Surrogate: Decachlorobiphenyl	51.1 %	32 - 91		B9L0022	12/02/2019	12/02/19 17:47	
Surrogate: Tetrachloro-m-xylene	70.1 %	38 - 93		B9L0022	12/02/2019	12/02/19 17:47	



## Certificate of Analysis

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San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

**Client Sample ID: SV-17-1**

**Lab ID: 1904258-15**

**Total Metals by ICP-AES EPA 6010B**

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Arsenic	3.2	1.0	1	B9L0025	12/03/2019	12/03/19 18:35	
Lead	16	1.0	1	B9L0025	12/03/2019	12/03/19 18:35	

**Organochlorine Pesticides by EPA 8081A**

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:09	
<b>4,4'-DDE</b>	<b>18</b>	2.0	1	B9L0022	12/02/2019	12/02/19 18:09	
4,4'-DDT [2C]	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:09	
Aldrin	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:09	
alpha-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:09	
<b>alpha-Chlordane</b>	<b>1.2</b>	1.0	1	B9L0022	12/02/2019	12/02/19 18:09	
beta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:09	
<b>Chlordane</b>	<b>18</b>	8.5	1	B9L0022	12/02/2019	12/02/19 18:09	
delta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:09	
Dieldrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:09	
Endosulfan I	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:09	
Endosulfan II	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:09	
Endosulfan sulfate	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:09	
Endrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:09	
Endrin aldehyde	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:09	
Endrin ketone	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:09	
gamma-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:09	
<b>gamma-Chlordane</b>	<b>1.6</b>	1.0	1	B9L0022	12/02/2019	12/02/19 18:09	
Heptachlor	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:09	
Heptachlor epoxide	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:09	
Methoxychlor	ND	5.0	1	B9L0022	12/02/2019	12/02/19 18:09	
Toxaphene	ND	50	1	B9L0022	12/02/2019	12/02/19 18:09	
<i>Surrogate: Decachlorobiphenyl</i>	<i>35.9 %</i>	<i>32 - 91</i>		B9L0022	12/02/2019	<i>12/02/19 18:09</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>62.1 %</i>	<i>38 - 93</i>		B9L0022	12/02/2019	<i>12/02/19 18:09</i>	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

**Client Sample ID: SV-18-1**

**Lab ID: 1904258-17**

**Total Metals by ICP-AES EPA 6010B**

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>Arsenic</b>	<b>8.4</b>	1.0	1	B9L0025	12/03/2019	12/03/19 18:37	
<b>Lead</b>	<b>23</b>	1.0	1	B9L0025	12/03/2019	12/03/19 18:37	

**Organochlorine Pesticides by EPA 8081A**

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
<b>4,4'-DDD</b>	<b>4.8</b>	2.0	1	B9L0022	12/02/2019	12/02/19 18:19	
<b>4,4'-DDE</b>	<b>410</b>	20	10	B9L0022	12/02/2019	12/03/19 10:03	
<b>4,4'-DDT [2C]</b>	<b>40</b>	2.0	1	B9L0022	12/02/2019	12/02/19 18:19	
Aldrin	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:19	
alpha-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:19	
<b>alpha-Chlordane</b>	<b>4.4</b>	1.0	1	B9L0022	12/02/2019	12/02/19 18:19	
beta-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:19	
<b>Chlordane [2C]</b>	<b>60</b>	8.5	1	B9L0022	12/02/2019	12/02/19 18:19	
<b>delta-BHC</b>	<b>3.3</b>	1.0	1	B9L0022	12/02/2019	12/02/19 18:19	
<b>Dieldrin</b>	<b>170</b>	20	10	B9L0022	12/02/2019	12/03/19 10:03	
Endosulfan I	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:19	
Endosulfan II	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:19	
Endosulfan sulfate	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:19	
Endrin	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:19	
Endrin aldehyde	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:19	
Endrin ketone	ND	2.0	1	B9L0022	12/02/2019	12/02/19 18:19	
gamma-BHC	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:19	
<b>gamma-Chlordane</b>	<b>5.1</b>	1.0	1	B9L0022	12/02/2019	12/02/19 18:19	
Heptachlor	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:19	
Heptachlor epoxide	ND	1.0	1	B9L0022	12/02/2019	12/02/19 18:19	
Methoxychlor	ND	5.0	1	B9L0022	12/02/2019	12/02/19 18:19	
Toxaphene	ND	50	1	B9L0022	12/02/2019	12/02/19 18:19	
<i>Surrogate: Decachlorobiphenyl</i>	<i>77.7 %</i>	<i>32 - 91</i>		B9L0022	12/02/2019	<i>12/03/19 10:03</i>	
<i>Surrogate: Decachlorobiphenyl</i>	<i>56.5 %</i>	<i>32 - 91</i>		B9L0022	12/02/2019	<i>12/02/19 18:19</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>65.3 %</i>	<i>38 - 93</i>		B9L0022	12/02/2019	<i>12/02/19 18:19</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>87.3 %</i>	<i>38 - 93</i>		B9L0022	12/02/2019	<i>12/03/19 10:03</i>	



## Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Brian Viggiano  
 Reported : 12/04/2019

### QUALITY CONTROL SECTION

#### Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>Batch B9L0025 - EPA 3050B_S</b>										
<b>Blank (B9L0025-BLK1)</b>					Prepared: 12/3/2019 Analyzed: 12/3/2019					
Arsenic	ND	1.0	0.12							
Lead	ND	1.0	0.18							
<b>LCS (B9L0025-BS1)</b>					Prepared: 12/3/2019 Analyzed: 12/3/2019					
Arsenic	23.2372	1.0	0.12	25.0000		92.9	80 - 120			
Lead	24.0346	1.0	0.18	25.0000		96.1	80 - 120			
<b>Matrix Spike (B9L0025-MS1)</b>					<b>Source: 1904258-01</b>		Prepared: 12/3/2019 Analyzed: 12/3/2019			
Arsenic	28.9662	1.0	0.12	25.0000	3.82489	101	46 - 97			M1
Lead	34.2830	1.0	0.18	25.0000	25.2964	35.9	33 - 121			
<b>Matrix Spike Dup (B9L0025-MSD1)</b>					<b>Source: 1904258-01</b>		Prepared: 12/3/2019 Analyzed: 12/3/2019			
Arsenic	27.6478	1.0	0.12	25.0000	3.82489	95.3	46 - 97	4.66	20	
Lead	32.3985	1.0	0.18	25.0000	25.2964	28.4	33 - 121	5.65	20	M1



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Brian Viggiano  
 Reported : 12/04/2019

## Organochlorine Pesticides by EPA 8081A - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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### Batch B9L0022 - GCSEMI\_PCB/PEST\_S

#### Blank (B9L0022-BLK1)

Prepared: 12/2/2019 Analyzed: 12/2/2019

4,4'-DDD	ND	2.0	0.14							
4,4'-DDD [2C]	ND	2.0	0.14							
4,4'-DDE	ND	2.0	0.20							
4,4'-DDE [2C]	ND	2.0	0.20							
4,4'-DDT	ND	2.0	0.04							
4,4'-DDT [2C]	ND	2.0	0.04							
Aldrin	ND	1.0	0.05							
Aldrin [2C]	ND	1.0	0.05							
alpha-BHC	ND	1.0	0.12							
alpha-BHC [2C]	ND	1.0	0.12							
alpha-Chlordane	ND	1.0	0.06							
alpha-Chlordane [2C]	ND	1.0	0.06							
beta-BHC	ND	1.0	0.08							
beta-BHC [2C]	ND	1.0	0.08							
Chlordane	ND	8.5	0.78							
Chlordane [2C]	ND	8.5	0.78							
delta-BHC	ND	1.0	0.07							
delta-BHC [2C]	ND	1.0	0.07							
Dieldrin	ND	2.0	0.04							
Dieldrin [2C]	ND	2.0	0.04							
Endosulfan I	ND	1.0	0.05							
Endosulfan I [2C]	ND	1.0	0.05							
Endosulfan II	ND	2.0	0.06							
Endosulfan II [2C]	ND	2.0	0.06							
Endosulfan sulfate	ND	2.0	0.15							
Endosulfan Sulfate [2C]	ND	2.0	0.15							
Endrin	ND	2.0	0.08							
Endrin [2C]	ND	2.0	0.08							
Endrin aldehyde	ND	2.0	0.09							
Endrin aldehyde [2C]	ND	2.0	0.09							
Endrin ketone	ND	2.0	0.09							
Endrin ketone [2C]	ND	2.0	0.09							
gamma-BHC	ND	1.0	0.12							
gamma-BHC [2C]	ND	1.0	0.12							
gamma-Chlordane	ND	1.0	0.28							
gamma-Chlordane [2C]	ND	1.0	0.28							
Heptachlor	ND	1.0	0.06							
Heptachlor [2C]	ND	1.0	0.06							
Heptachlor epoxide	ND	1.0	0.06							
Heptachlor epoxide [2C]	ND	1.0	0.06							
Methoxychlor	ND	5.0	0.16							



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

### Organochlorine Pesticides by EPA 8081A - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B9L0022 - GCSEMI\_PCB/PEST\_S (continued)**

**Blank (B9L0022-BLK1) - Continued**

Prepared: 12/2/2019 Analyzed: 12/2/2019

Methoxychlor [2C]	ND	5.0	0.16
Toxaphene	ND	50	4.7
Toxaphene [2C]	ND	50	4.7

<i>Surrogate: Decachlorobiphenyl</i>	<i>10.46</i>		<i>16.6667</i>	<i>62.7</i>	<i>32 - 91</i>
<i>Surrogate: Decachlorobiphenyl [</i>	<i>9.873</i>		<i>16.6667</i>	<i>59.2</i>	<i>32 - 91</i>
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>11.87</i>		<i>16.6667</i>	<i>71.2</i>	<i>38 - 93</i>
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>10.24</i>		<i>16.6667</i>	<i>61.5</i>	<i>38 - 93</i>

**LCS (B9L0022-BS1)**

Prepared: 12/2/2019 Analyzed: 12/2/2019

4,4'-DDD	12.0360	2.0	0.14	16.6667	72.2	66 - 112
4,4'-DDD [2C]	11.2808	2.0	0.14	16.6667	67.7	66 - 112
4,4'-DDE	12.3138	2.0	0.20	16.6667	73.9	62 - 112
4,4'-DDE [2C]	11.0447	2.0	0.20	16.6667	66.3	62 - 112
4,4'-DDT	11.7287	2.0	0.04	16.6667	70.4	48 - 90
4,4'-DDT [2C]	10.5918	2.0	0.04	16.6667	63.6	48 - 90
Aldrin	11.8878	1.0	0.05	16.6667	71.3	58 - 104
Aldrin [2C]	11.4840	1.0	0.05	16.6667	68.9	58 - 104
alpha-BHC	11.5988	1.0	0.12	16.6667	69.6	57 - 105
alpha-BHC [2C]	11.3365	1.0	0.12	16.6667	68.0	57 - 105
alpha-Chlordane	11.9617	1.0	0.06	16.6667	71.8	62 - 108
alpha-Chlordane [2C]	11.3923	1.0	0.06	16.6667	68.4	62 - 108
beta-BHC	12.1403	1.0	0.08	16.6667	72.8	59 - 106
beta-BHC [2C]	11.6347	1.0	0.08	16.6667	69.8	59 - 106
delta-BHC	11.9675	1.0	0.07	16.6667	71.8	63 - 115
delta-BHC [2C]	11.8567	1.0	0.07	16.6667	71.1	63 - 115
Dieldrin	11.6965	2.0	0.04	16.6667	70.2	59 - 102
Dieldrin [2C]	10.8240	2.0	0.04	16.6667	64.9	59 - 102
Endosulfan I	11.0707	1.0	0.05	16.6667	66.4	61 - 99
Endosulfan I [2C]	10.6330	1.0	0.05	16.6667	63.8	61 - 99
Endosulfan II	12.1128	2.0	0.06	16.6667	72.7	65 - 105
Endosulfan II [2C]	11.2172	2.0	0.06	16.6667	67.3	65 - 105
Endosulfan sulfate	11.4475	2.0	0.15	16.6667	68.7	59 - 107
Endosulfan Sulfate [2C]	10.0828	2.0	0.15	16.6667	60.5	59 - 107
Endrin	12.3325	2.0	0.08	16.6667	74.0	65 - 113
Endrin [2C]	11.5805	2.0	0.08	16.6667	69.5	65 - 113
Endrin aldehyde	12.4293	2.0	0.09	16.6667	74.6	61 - 109
Endrin aldehyde [2C]	11.2970	2.0	0.09	16.6667	67.8	61 - 109
Endrin ketone	10.9242	2.0	0.09	16.6667	65.5	56 - 97
Endrin ketone [2C]	10.3992	2.0	0.09	16.6667	62.4	56 - 97
gamma-BHC	11.8230	1.0	0.12	16.6667	70.9	57 - 101
gamma-BHC [2C]	11.8087	1.0	0.12	16.6667	70.9	57 - 101



# Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

## Organochlorine Pesticides by EPA 8081A - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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### Batch B9L0022 - GCSEMI\_PCB/PEST\_S (continued)

#### LCS (B9L0022-BS1) - Continued

Prepared: 12/2/2019 Analyzed: 12/2/2019

gamma-Chlordane	11.7973	1.0	0.28	16.6667		70.8	56 - 125			
gamma-Chlordane [2C]	11.5222	1.0	0.28	16.6667		69.1	56 - 125			
Heptachlor	12.2253	1.0	0.06	16.6667		73.4	61 - 105			
Heptachlor [2C]	11.5155	1.0	0.06	16.6667		69.1	61 - 105			
Heptachlor epoxide	11.3882	1.0	0.06	16.6667		68.3	59 - 97			
Heptachlor epoxide [2C]	10.9887	1.0	0.06	16.6667		65.9	59 - 97			
Methoxychlor	12.3233	5.0	0.16	16.6667		73.9	68 - 118			
Methoxychlor [2C]	11.5852	5.0	0.16	16.6667		69.5	68 - 118			

Surrogate: Decachlorobiphenyl	11.32			16.6667		67.9	32 - 91			
Surrogate: Decachlorobiphenyl [	9.769			16.6667		58.6	32 - 91			
Surrogate: Tetrachloro-m-xylene	12.76			16.6667		76.6	38 - 93			
Surrogate: Tetrachloro-m-xylene	10.72			16.6667		64.3	38 - 93			

#### Matrix Spike (B9L0022-MS1)

Source: 1904258-01

Prepared: 12/2/2019 Analyzed: 12/2/2019

4,4'-DDD	14.0292	10	0.70	16.6667	2.75583	67.6	33 - 116			
4,4'-DDD [2C]	12.7183	10	0.70	16.6667	2.53867	61.1	33 - 116			
4,4'-DDE	74.8808	10	0.98	16.6667	77.6550	-16.6	29 - 128			M2
4,4'-DDE [2C]	65.0233	10	0.98	16.6667	68.4400	-20.5	29 - 128			M2
4,4'-DDT	9.59667	10	0.18	16.6667	3.21917	38.3	27 - 109			
4,4'-DDT [2C]	8.04167	10	0.18	16.6667	2.87250	31.0	27 - 109			
Aldrin	11.0408	5.0	0.27	16.6667	ND	66.2	34 - 110			
Aldrin [2C]	9.57833	5.0	0.27	16.6667	ND	57.5	34 - 110			
alpha-BHC	10.5092	5.0	0.58	16.6667	ND	63.1	39 - 107			
alpha-BHC [2C]	8.90250	5.0	0.58	16.6667	ND	53.4	39 - 107			
alpha-Chlordane	11.3742	5.0	0.32	16.6667	ND	68.2	37 - 111			
alpha-Chlordane [2C]	9.85417	5.0	0.32	16.6667	ND	59.1	37 - 111			
beta-BHC	12.4042	5.0	0.39	16.6667	ND	74.4	33 - 111			
beta-BHC [2C]	10.7633	5.0	0.39	16.6667	ND	64.6	33 - 111			
delta-BHC	18.1350	5.0	0.36	16.6667	8.22483	59.5	25 - 122			
delta-BHC [2C]	16.1325	5.0	0.36	16.6667	7.80933	49.9	25 - 122			
Dieldrin	11.4042	10	0.20	16.6667	ND	68.4	28 - 114			
Dieldrin [2C]	8.96500	10	0.20	16.6667	ND	53.8	28 - 114			
Endosulfan I	10.4292	5.0	0.27	16.6667	ND	62.6	35 - 107			
Endosulfan I [2C]	8.42500	5.0	0.27	16.6667	ND	50.5	35 - 107			
Endosulfan II	10.3817	10	0.28	16.6667	ND	62.3	13 - 122			
Endosulfan II [2C]	8.29917	10	0.28	16.6667	ND	49.8	13 - 122			
Endosulfan sulfate	10.1300	10	0.77	16.6667	ND	60.8	13 - 120			
Endosulfan Sulfate [2C]	7.93250	10	0.77	16.6667	ND	47.6	13 - 120			
Endrin	11.6142	10	0.38	16.6667	ND	69.7	31 - 121			
Endrin [2C]	10.4200	10	0.38	16.6667	ND	62.5	31 - 121			
Endrin aldehyde	11.8867	10	0.43	16.6667	ND	71.3	18 - 129			



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

### Organochlorine Pesticides by EPA 8081A - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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#### Batch B9L0022 - GCSEMI\_PCB/PEST\_S (continued)

##### Matrix Spike (B9L0022-MS1) - Continued

Source: 1904258-01

Prepared: 12/2/2019 Analyzed: 12/2/2019

Endrin aldehyde [2C]	9.33750	10	0.43	16.6667	ND	56.0	18 - 129			
Endrin ketone	9.62833	10	0.46	16.6667	ND	57.8	14 - 113			
Endrin ketone [2C]	9.07333	10	0.46	16.6667	ND	54.4	14 - 113			
gamma-BHC	11.3008	5.0	0.59	16.6667	ND	67.8	34 - 104			
gamma-BHC [2C]	10.5617	5.0	0.59	16.6667	ND	63.4	34 - 104			
gamma-Chlordane	12.7442	5.0	1.4	16.6667	ND	76.5	35 - 121			
gamma-Chlordane [2C]	9.75917	5.0	1.4	16.6667	ND	58.6	35 - 121			
Heptachlor	10.8092	5.0	0.30	16.6667	ND	64.9	35 - 110			
Heptachlor [2C]	10.0700	5.0	0.30	16.6667	ND	60.4	35 - 110			
Heptachlor epoxide	10.9692	5.0	0.31	16.6667	ND	65.8	31 - 106			
Heptachlor epoxide [2C]	9.85500	5.0	0.31	16.6667	ND	59.1	31 - 106			
Methoxychlor	9.59667	25	0.80	16.6667	ND	57.6	21 - 128			
Methoxychlor [2C]	8.00000	25	0.80	16.6667	ND	48.0	21 - 128			
<i>Surrogate: Decachlorobiphenyl</i>	<i>9.445</i>			<i>16.6667</i>		<i>56.7</i>	<i>32 - 91</i>			
<i>Surrogate: Decachlorobiphenyl [</i>	<i>7.461</i>			<i>16.6667</i>		<i>44.8</i>	<i>32 - 91</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>11.71</i>			<i>16.6667</i>		<i>70.3</i>	<i>38 - 93</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>8.775</i>			<i>16.6667</i>		<i>52.6</i>	<i>38 - 93</i>			

##### Matrix Spike Dup (B9L0022-MSD1)

Source: 1904258-01

Prepared: 12/2/2019 Analyzed: 12/2/2019

4,4'-DDD	14.1467	10	0.70	16.6667	2.75583	68.3	33 - 116	0.834	20	
4,4'-DDD [2C]	12.2100	10	0.70	16.6667	2.53867	58.0	33 - 116	4.08	20	
4,4'-DDE	71.0767	10	0.98	16.6667	77.6550	-39.5	29 - 128	5.21	20	M2
4,4'-DDE [2C]	62.2575	10	0.98	16.6667	68.4400	-37.1	29 - 128	4.35	20	M2
4,4'-DDT	8.62750	10	0.18	16.6667	3.21917	32.4	27 - 109	10.6	20	
4,4'-DDT [2C]	7.24750	10	0.18	16.6667	2.87250	26.2	27 - 109	10.4	20	M2
Aldrin	10.5692	5.0	0.27	16.6667	ND	63.4	34 - 110	4.37	20	
Aldrin [2C]	8.57250	5.0	0.27	16.6667	ND	51.4	34 - 110	11.1	20	
alpha-BHC	10.1433	5.0	0.58	16.6667	ND	60.9	39 - 107	3.54	20	
alpha-BHC [2C]	8.63250	5.0	0.58	16.6667	ND	51.8	39 - 107	3.08	20	
alpha-Chlordane	10.7508	5.0	0.32	16.6667	ND	64.5	37 - 111	5.63	20	
alpha-Chlordane [2C]	9.42333	5.0	0.32	16.6667	ND	56.5	37 - 111	4.47	20	
beta-BHC	11.1942	5.0	0.39	16.6667	ND	67.2	33 - 111	10.3	20	
beta-BHC [2C]	10.2742	5.0	0.39	16.6667	ND	61.6	33 - 111	4.65	20	
delta-BHC	17.3017	5.0	0.36	16.6667	8.22483	54.5	25 - 122	4.70	20	
delta-BHC [2C]	14.7417	5.0	0.36	16.6667	7.80933	41.6	25 - 122	9.01	20	
Dieldrin	11.3033	10	0.20	16.6667	ND	67.8	28 - 114	0.888	20	
Dieldrin [2C]	8.65417	10	0.20	16.6667	ND	51.9	28 - 114	3.53	20	
Endosulfan I	9.84667	5.0	0.27	16.6667	ND	59.1	35 - 107	5.75	20	
Endosulfan I [2C]	8.09000	5.0	0.27	16.6667	ND	48.5	35 - 107	4.06	20	
Endosulfan II	9.69000	10	0.28	16.6667	ND	58.1	13 - 122	6.89	20	
Endosulfan II [2C]	7.96667	10	0.28	16.6667	ND	47.8	13 - 122	4.09	20	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

### Organochlorine Pesticides by EPA 8081A - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>Batch B9L0022 - GCSEMI_PCB/PEST_S (continued)</b>										
<b>Matrix Spike Dup (B9L0022-MSD1) - Continued</b>			<b>Source: 1904258-01</b>			<b>Prepared: 12/2/2019 Analyzed: 12/2/2019</b>				
Endosulfan sulfate	9.34750	10	0.77	16.6667	ND	56.1	13 - 120	8.03	20	
Endosulfan Sulfate [2C]	7.43500	10	0.77	16.6667	ND	44.6	13 - 120	6.47	20	
Endrin	10.8875	10	0.38	16.6667	ND	65.3	31 - 121	6.46	20	
Endrin [2C]	9.92833	10	0.38	16.6667	ND	59.6	31 - 121	4.83	20	
Endrin aldehyde	11.1067	10	0.43	16.6667	ND	66.6	18 - 129	6.78	20	
Endrin aldehyde [2C]	8.87083	10	0.43	16.6667	ND	53.2	18 - 129	5.13	20	
Endrin ketone	8.82167	10	0.46	16.6667	ND	52.9	14 - 113	8.74	20	
Endrin ketone [2C]	8.49417	10	0.46	16.6667	ND	51.0	14 - 113	6.59	20	
gamma-BHC	10.6308	5.0	0.59	16.6667	ND	63.8	34 - 104	6.11	20	
gamma-BHC [2C]	10.2042	5.0	0.59	16.6667	ND	61.2	34 - 104	3.44	20	
gamma-Chlordane	12.0908	5.0	1.4	16.6667	ND	72.5	35 - 121	5.26	20	
gamma-Chlordane [2C]	9.30250	5.0	1.4	16.6667	ND	55.8	35 - 121	4.79	20	
Heptachlor	10.3283	5.0	0.30	16.6667	ND	62.0	35 - 110	4.55	20	
Heptachlor [2C]	9.05250	5.0	0.30	16.6667	ND	54.3	35 - 110	10.6	20	
Heptachlor epoxide	10.4192	5.0	0.31	16.6667	ND	62.5	31 - 106	5.14	20	
Heptachlor epoxide [2C]	9.41917	5.0	0.31	16.6667	ND	56.5	31 - 106	4.52	20	
Methoxychlor	8.68000	25	0.80	16.6667	ND	52.1	21 - 128	10.0	20	
Methoxychlor [2C]	7.02333	25	0.80	16.6667	ND	42.1	21 - 128	13.0	20	
<i>Surrogate: Decachlorobiphenyl</i>	<i>9.128</i>			<i>16.6667</i>		<i>54.8</i>	<i>32 - 91</i>			
<i>Surrogate: Decachlorobiphenyl [</i>	<i>7.019</i>			<i>16.6667</i>		<i>42.1</i>	<i>32 - 91</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>11.37</i>			<i>16.6667</i>		<i>68.2</i>	<i>38 - 93</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>8.395</i>			<i>16.6667</i>		<i>50.4</i>	<i>38 - 93</i>			



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 12/04/2019

### Notes and Definitions

S13	Surrogate recovery was below laboratory acceptance limit. Sample reanalysis showed the same low recovery.
S10	Surrogate recovery was outside of laboratory acceptance limit due to possible matrix interference.
M2	Matrix spike recovery outside of acceptance limit due to possible matrix interference. The analytical batch was validated by the laboratory control sample.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
E3	Internal standard recoveries did not meet method acceptance due to matrix interference. Result value is estimated.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

- Notes:
- (1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
  - (2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
  - (3) Results are wet unless otherwise specified.



# CHAIN OF CUSTODY FORM

1904258

735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408  
(909)335-6116, Fax (909) 335-6120

Page 1 of 2

Client Name/Address: Stantec 735 E. Carnegie Drive, Suite 280 San Bernardino, CA 92408		Project/PO Number: 18504443			Laboratory: <i>ATC</i>		
Project Manager: <i>Brian Viggiano</i> Email Address: <i>Brian.Viggiano@stantec.com</i>		Phone Number: 909-335-6116 Fax Number: 909-335-6120			Analysis Required		
Sampler: J. Sargent Joshua.Sargent@stantec.com							
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	
1- SV-16-1	Soil	802	1	11-25-19	0724	ICE	
2- SV-16-3					0732		
3- SV-10-1					0820		
4- SV-10-3					0825		
5- SV-11-1					0950		
6- SV-11-3					0955		
7- <del>SV-12-1</del> SV-12-1					1050		
8- SV-12-3					1055		
9- SV-13-1					1205		
10- SV-13-3					1210		
11- SV-14-1					1350		
12- SV-14-3					1355		
Relinquished By: <i>[Signature]</i>		Date/Time: 11/26/19 13:03	Received By: <i>[Signature]</i>				Date/Time: 11/26/19 15:03
Relinquished By: <i>[Signature]</i>		Date/Time: 11/26/19 13:03	Received By: <i>[Signature]</i>				Date/Time: 11/26/19 13:03
Relinquished By: <i>[Signature]</i>		Date/Time: 11/26/19 15:11	Received in Lab By: <i>[Signature]</i>				Date/Time: 11/26/19 15:11
Turn-Around Time: Same day		Sample Integrity: (Check)		Turn-Around Time: 24 hour		72 hours	
				48 hour		5 days	
						normal	
				intact		on ice	

By relinquishing samples, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.





January 14, 2020

Brian Viggiano  
Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408  
Tel: (909) 255-8204  
Fax:(909) 335-6120

ELAP No.: 1838  
CSDLAC No.: 10196  
ORELAP No.: CA300003

Re: ATL Work Order Number : 1904258  
Client Reference : 185804443

Enclosed are the results for sample(s) received on November 26, 2019 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

A handwritten signature in black ink, appearing to read "Edgar Caballero", with a small initial "E" written below the first letter.

Edgar Caballero  
President & Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 01/14/2020

### SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-12-1	1904258-07	Soil	11/25/19 10:50	11/26/19 13:03
SV-12-3	1904258-08	Soil	11/25/19 10:55	11/26/19 13:03

### CASE NARRATIVE

Documentation pertaining to additional analyses/change order available upon request.



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 01/14/2020

**Client Sample ID: SV-12-1**

**Lab ID: 1904258-07**

**STLC Metals by ICP-AES by EPA 6010B**

**Analyst: KEK**

Analyte	Result (mg/L)	PQL (mg/L)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	3.7	1.0	20	B0A0218	01/11/2020	01/13/20 12:37	D1



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino , CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 01/14/2020

**Client Sample ID: SV-12-3**

**Lab ID: 1904258-08**

**Total Metals by ICP-AES EPA 6010B**

**Analyst: VV**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	6.0	1.0	1	B0A0185	01/09/2020	01/10/20 12:37	



## Certificate of Analysis

Stantec  
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 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Brian Viggiano  
 Reported : 01/14/2020

### QUALITY CONTROL SECTION

#### Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B0A0185 - EPA 3050B\_S**

**Blank (B0A0185-BLK1)**

Prepared: 1/9/2020 Analyzed: 1/10/2020

Arsenic	ND	1.0	0.12						
Lead	ND	1.0	0.18						

**LCS (B0A0185-BS1)**

Prepared: 1/9/2020 Analyzed: 1/10/2020

Arsenic	47.0117	1.0	0.12	50.0000		94.0	80 - 120		
Lead	50.9034	1.0	0.18	50.0000		102	80 - 120		

**Duplicate (B0A0185-DUP1)**

**Source: 2000013-02**

Prepared: 1/9/2020 Analyzed: 1/10/2020

Arsenic	1.19717	5.7	0.68		1.66356			32.6	20	
Lead	4.92581	5.7	1.0		2.05099			82.4	20	R

**Matrix Spike (B0A0185-MS1)**

**Source: 1904258-08**

Prepared: 1/9/2020 Analyzed: 1/10/2020

Arsenic	24.8190	1.0	0.12	25.0000	1.84524	91.9	46 - 97		
Lead	29.6050	1.0	0.18	25.0000	5.96189	94.6	33 - 121		

**Matrix Spike Dup (B0A0185-MSD1)**

**Source: 1904258-08**

Prepared: 1/9/2020 Analyzed: 1/10/2020

Arsenic	25.8752	1.0	0.12	25.0000	1.84524	96.1	46 - 97	4.17	20
Lead	30.9455	1.0	0.18	25.0000	5.96189	99.9	33 - 121	4.43	20



## Certificate of Analysis

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 San Bernardino, CA 92408

Project Number : 185804443  
 Report To : Brian Viggiano  
 Reported : 01/14/2020

### STLC Metals by ICP-AES by EPA 6010B - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	MDL (mg/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
<b>Batch B0A0218 - STLC_S Extraction</b>										
<b>Blank (B0A0218-BLK1)</b>					Prepared: 1/11/2020 Analyzed: 1/13/2020					
Lead	ND	1.0	0.094							
<b>LCS (B0A0218-BS1)</b>					Prepared: 1/11/2020 Analyzed: 1/13/2020					
Lead	0.553424			0.500000		111	80 - 120			
<b>Duplicate (B0A0218-DUP1)</b>					<b>Source: 1904733-08</b> Prepared: 1/11/2020 Analyzed: 1/13/2020					
Lead	7.59572	1.0	0.094		7.56185			0.447	20	
<b>Matrix Spike (B0A0218-MS1)</b>					<b>Source: 1904733-08</b> Prepared: 1/11/2020 Analyzed: 1/13/2020					
Lead	7.74393			0.500000	7.56185	36.4	70 - 130			M1
<b>Matrix Spike Dup (B0A0218-MSD1)</b>					<b>Source: 1904733-08</b> Prepared: 1/11/2020 Analyzed: 1/13/2020					
Lead	7.83021			0.500000	7.56185	53.7	70 - 130	1.11	20	M1



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : 185804443  
Report To : Brian Viggiano  
Reported : 01/14/2020

### Notes and Definitions

R	RPD value outside acceptance criteria. Calculation is based on raw values.
M1	Matrix spike recovery outside of acceptance limit. The analytical batch was validated by the laboratory control sample.
D1	Sample required dilution due to possible matrix interference.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

#### Notes:

- (1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
- (2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
- (3) Results are wet unless otherwise specified.



# CHAIN OF CUSTODY FORM

1904258

735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408  
(909)335-6116, Fax (909) 335-6120

Page 1 of 2

Client Name/Address: Stantec 735 E. Carnegie Drive, Suite 280 San Bernardino, CA 92408		Project/PO Number: 18504443		Laboratory: <i>ATC</i>			
Project Manager: <i>Brian Viggiano</i> Email Address: <i>Brian.Viggiano@stantec.com</i>		Phone Number: 909-335-6116 Fax Number: 909-335-6120		Analysis Required			
Sampler: J. Sargent Joshua.Sargent@stantec.com							
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Special Instructions
1- SV-16-1	Soil	802	1	11-25-19	0724	ICE	
2- SV-16-3					0732		
3- SV-10-1					0820		
4- SV-10-3					0825		
5- SV-11-1					0950		
6- SV-11-3					0955		
7- <del>SV-12-1</del> SV-12-1					1050		
8- SV-12-3					1055		
9- SV-13-1					1205		
10- SV-13-3					1210		
11- SV-14-1					1350		
12- SV-14-3					1355		

Turn-Around Time: Same day 72 hours  
24 hour 5 days  
48 hour normal

Sample Integrity: (Check) intact on ice

Received By: *[Signature]* Date/Time: 11/26/19 15:03  
 Received By: *[Signature]* Date/Time: 11/26/19 13:03  
 Received in Lab By: *[Signature]* Date/Time: 11/26/19 15:11

Relinquished By: *[Signature]* Date/Time: 11/26/19 13:03  
 Relinquished By: *[Signature]* Date/Time: 11/26/19 13:03  
 Relinquished By: *[Signature]* Date/Time: 11/26/19 15:11

By relinquishing samples, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.



# CHAIN OF CUSTODY FORM

735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408  
 (909)335-6116, Fax (909) 335-6120

Client Name/Address: Stantec 735 E. Carnegie Drive, Suite 280 San Bernardino, CA 92408		Project/PO Number: <p style="font-size: 1.2em; text-align: center;">185804443</p>		Laboratory: <u>ATL</u>		Analysis Required				
Project Manager: <u>Brian Viggiano</u> Email Address: <u>Brian.Viggiano@stantec.com</u>		Phone Number: 909-335-6116 Fax Number: 909-335-6120								
Sampler: <u>J. Sargent</u> <u>Joshua.Sargent@stantec.com</u>										
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date	Sampling Time	Preservatives	Pesticides	Arsenic, Lead	HOLD	Special Instructions
3- SU-15-1	Soil	Acetate	1	11/25/19	1455	10E	X	X		
4- SU-15-3					1500		X			
5- <del>SU-16-1</del> SU-17-1					1600		X			
6- <del>SU-16-3</del> SU-17-3					1605		X			
7- SU-18-1					1625		X			
8- SU-18-3					1630		X			
Relinquished By: <u>[Signature]</u>		Date/Time: <u>12/6/19 13:03</u>		Received By: <u>[Signature]</u>		Date/Time: <u>11/26/19 13:03</u>		Turn-Around Time: <u>72 hours</u>		
Relinquished By: <u>[Signature]</u>		Date/Time: <u>12/26/19 13:03</u>		Received By: <u>[Signature]</u>		Date/Time: <u>11/26/19 13:03</u>		Turn-Around Time: <u>5 days</u>		
Relinquished By: <u>[Signature]</u>		Date/Time: <u>12/6/19 15:11</u>		Received By: <u>[Signature]</u>		Date/Time: <u>11/26/19 15:11</u>		Turn-Around Time: <u>normal</u>		

Note: By relinquishing samples, client agrees to pay for the services requested on this chain of custody form and any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.



January 13, 2020

Brian Viggiano  
Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408  
Tel: (909) 255-8204  
Fax:(909) 335-6120

ELAP No.: 1838  
CSDLAC No.: 10196  
ORELAP No.: CA300003

Re: ATL Work Order Number : 2000076  
Client Reference : Olson/Gardena-185804443

Enclosed are the results for sample(s) received on January 10, 2020 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

A handwritten signature in black ink, appearing to read "Edgar Caballero", with a small initial "E" written below the first letter.

Edgar Caballero  
President & Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443  
Report To : Brian Viggiano  
Reported : 01/13/2020

### SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SV-18A-3'	2000076-01	Soil	1/10/20 9:05	1/10/20 14:16
SV-18B-1'	2000076-02	Soil	1/10/20 9:30	1/10/20 14:16
SV-18B-3'	2000076-03	Soil	1/10/20 9:40	1/10/20 14:16
SV-18C-1'	2000076-04	Soil	1/10/20 9:58	1/10/20 14:16
SV-18C-3'	2000076-05	Soil	1/10/20 10:11	1/10/20 14:16
SV-18D-1'	2000076-06	Soil	1/10/20 10:27	1/10/20 14:16
SV-18D-3'	2000076-07	Soil	1/10/20 10:36	1/10/20 14:16
SV-12A-1'	2000076-08	Soil	1/10/20 11:20	1/10/20 14:16
SV-12A-3'	2000076-09	Soil	1/10/20 11:28	1/10/20 14:16
SV-12B-1'	2000076-10	Soil	1/10/20 11:40	1/10/20 14:16
SV-12B-3'	2000076-11	Soil	1/10/20 11:52	1/10/20 14:16
SV-12C-1'	2000076-12	Soil	1/10/20 12:15	1/10/20 14:16
SV-12C-3'	2000076-13	Soil	1/10/20 12:27	1/10/20 14:16



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

**Client Sample ID: SV-18A-3'**

**Lab ID: 2000076-01**

**Organochlorine Pesticides by EPA 8081A**

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:04	
4,4'-DDE	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:04	
4,4'-DDT	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Aldrin	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:04	
alpha-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:04	
alpha-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:04	
beta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Chlordane	ND	8.5	1	B0A0217	01/10/2020	01/10/20 19:04	
delta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Dieldrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Endosulfan I	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Endosulfan II	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Endosulfan sulfate	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Endrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Endrin aldehyde	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Endrin ketone	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:04	
gamma-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:04	
gamma-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Heptachlor	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Heptachlor epoxide	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Methoxychlor	ND	5.0	1	B0A0217	01/10/2020	01/10/20 19:04	
Toxaphene	ND	50	1	B0A0217	01/10/2020	01/10/20 19:04	
<i>Surrogate: Decachlorobiphenyl</i>	<i>69.3 %</i>	<i>32 - 91</i>		B0A0217	01/10/2020	<i>01/10/20 19:04</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>71.3 %</i>	<i>38 - 93</i>		B0A0217	01/10/2020	<i>01/10/20 19:04</i>	



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

**Client Sample ID: SV-18B-1'**

**Lab ID: 2000076-02**

**Organochlorine Pesticides by EPA 8081A**

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:15	
4,4'-DDE	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:15	
4,4'-DDT	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Aldrin	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:15	
alpha-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:15	
alpha-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:15	
beta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Chlordane	ND	8.5	1	B0A0217	01/10/2020	01/10/20 19:15	
delta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Dieldrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Endosulfan I	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Endosulfan II	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Endosulfan sulfate	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Endrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Endrin aldehyde	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Endrin ketone	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:15	
gamma-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:15	
gamma-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Heptachlor	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Heptachlor epoxide	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Methoxychlor	ND	5.0	1	B0A0217	01/10/2020	01/10/20 19:15	
Toxaphene	ND	50	1	B0A0217	01/10/2020	01/10/20 19:15	
<i>Surrogate: Decachlorobiphenyl</i>	<i>59.2 %</i>	<i>32 - 91</i>		B0A0217	01/10/2020	<i>01/10/20 19:15</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>70.4 %</i>	<i>38 - 93</i>		B0A0217	01/10/2020	<i>01/10/20 19:15</i>	



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

**Client Sample ID: SV-18B-3'**

**Lab ID: 2000076-03**

**Organochlorine Pesticides by EPA 8081A**

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:26	
4,4'-DDE	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:26	
4,4'-DDT	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Aldrin	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:26	
alpha-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:26	
alpha-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:26	
beta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Chlordane	ND	8.5	1	B0A0217	01/10/2020	01/10/20 19:26	
delta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Dieldrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Endosulfan I	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Endosulfan II	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Endosulfan sulfate	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Endrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Endrin aldehyde	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Endrin ketone	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:26	
gamma-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:26	
gamma-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Heptachlor	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Heptachlor epoxide	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Methoxychlor	ND	5.0	1	B0A0217	01/10/2020	01/10/20 19:26	
Toxaphene	ND	50	1	B0A0217	01/10/2020	01/10/20 19:26	
<i>Surrogate: Decachlorobiphenyl</i>	<i>66.5 %</i>	<i>32 - 91</i>		B0A0217	01/10/2020	<i>01/10/20 19:26</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>68.0 %</i>	<i>38 - 93</i>		B0A0217	01/10/2020	<i>01/10/20 19:26</i>	



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

**Client Sample ID: SV-18C-1'**

**Lab ID: 2000076-04**

**Organochlorine Pesticides by EPA 8081A**

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:47	
4,4'-DDE	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:47	
4,4'-DDT	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Aldrin	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:47	
alpha-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:47	
alpha-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:47	
beta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Chlordane	ND	8.5	1	B0A0217	01/10/2020	01/10/20 19:47	
delta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Dieldrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Endosulfan I	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Endosulfan II	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Endosulfan sulfate	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Endrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Endrin aldehyde	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Endrin ketone	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:47	
gamma-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:47	
gamma-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Heptachlor	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Heptachlor epoxide	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Methoxychlor	ND	5.0	1	B0A0217	01/10/2020	01/10/20 19:47	
Toxaphene	ND	50	1	B0A0217	01/10/2020	01/10/20 19:47	
<i>Surrogate: Decachlorobiphenyl</i>	<i>61.6 %</i>	<i>32 - 91</i>		B0A0217	01/10/2020	<i>01/10/20 19:47</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>64.1 %</i>	<i>38 - 93</i>		B0A0217	01/10/2020	<i>01/10/20 19:47</i>	



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

**Client Sample ID: SV-18C-3'**

**Lab ID: 2000076-05**

**Organochlorine Pesticides by EPA 8081A**

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:58	
4,4'-DDE	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:58	
4,4'-DDT	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Aldrin	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:58	
alpha-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:58	
alpha-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:58	
beta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Chlordane	ND	8.5	1	B0A0217	01/10/2020	01/10/20 19:58	
delta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Dieldrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Endosulfan I	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Endosulfan II	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Endosulfan sulfate	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Endrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Endrin aldehyde	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Endrin ketone	ND	2.0	1	B0A0217	01/10/2020	01/10/20 19:58	
gamma-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:58	
gamma-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Heptachlor	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Heptachlor epoxide	ND	1.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Methoxychlor	ND	5.0	1	B0A0217	01/10/2020	01/10/20 19:58	
Toxaphene	ND	50	1	B0A0217	01/10/2020	01/10/20 19:58	
<i>Surrogate: Decachlorobiphenyl</i>	<i>69.1 %</i>	<i>32 - 91</i>		B0A0217	01/10/2020	<i>01/10/20 19:58</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>69.3 %</i>	<i>38 - 93</i>		B0A0217	01/10/2020	<i>01/10/20 19:58</i>	



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

**Client Sample ID: SV-18D-1'**

**Lab ID: 2000076-06**

**Organochlorine Pesticides by EPA 8081A**

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:09	
4,4'-DDE	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:09	
4,4'-DDT	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Aldrin	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:09	
alpha-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:09	
alpha-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:09	
beta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Chlordane	ND	8.5	1	B0A0217	01/10/2020	01/10/20 20:09	
delta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Dieldrin [2C]	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Endosulfan I	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Endosulfan II	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Endosulfan sulfate	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Endrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Endrin aldehyde	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Endrin ketone	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:09	
gamma-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:09	
gamma-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Heptachlor	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Heptachlor epoxide	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Methoxychlor	ND	5.0	1	B0A0217	01/10/2020	01/10/20 20:09	
Toxaphene	ND	50	1	B0A0217	01/10/2020	01/10/20 20:09	
<i>Surrogate: Decachlorobiphenyl</i>	<i>61.5 %</i>	<i>32 - 91</i>		B0A0217	01/10/2020	<i>01/10/20 20:09</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>68.9 %</i>	<i>38 - 93</i>		B0A0217	01/10/2020	<i>01/10/20 20:09</i>	



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

**Client Sample ID: SV-18D-3'**

**Lab ID: 2000076-07**

**Organochlorine Pesticides by EPA 8081A**

**Analyst: KD**

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4,4'-DDD	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:20	
4,4'-DDE	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:20	
4,4'-DDT	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Aldrin	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:20	
alpha-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:20	
alpha-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:20	
beta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Chlordane	ND	8.5	1	B0A0217	01/10/2020	01/10/20 20:20	
delta-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Dieldrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Endosulfan I	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Endosulfan II	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Endosulfan sulfate	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Endrin	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Endrin aldehyde	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Endrin ketone	ND	2.0	1	B0A0217	01/10/2020	01/10/20 20:20	
gamma-BHC	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:20	
gamma-Chlordane	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Heptachlor	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Heptachlor epoxide	ND	1.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Methoxychlor	ND	5.0	1	B0A0217	01/10/2020	01/10/20 20:20	
Toxaphene	ND	50	1	B0A0217	01/10/2020	01/10/20 20:20	
<i>Surrogate: Decachlorobiphenyl</i>	<i>64.3 %</i>	<i>32 - 91</i>		B0A0217	01/10/2020	<i>01/10/20 20:20</i>	
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>69.5 %</i>	<i>38 - 93</i>		B0A0217	01/10/2020	<i>01/10/20 20:20</i>	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443  
Report To : Brian Viggiano  
Reported : 01/13/2020

**Client Sample ID: SV-12A-1'**

**Lab ID: 2000076-08**

### Total Metals by ICP-AES EPA 6010B

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	20	1.0	1	B0A0225	01/13/2020	01/13/20 14:13	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443  
Report To : Brian Viggiano  
Reported : 01/13/2020

**Client Sample ID: SV-12A-3'**

**Lab ID: 2000076-09**

**Total Metals by ICP-AES EPA 6010B**

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	5.1	1.0	1	B0A0225	01/13/2020	01/13/20 14:21	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443  
Report To : Brian Viggiano  
Reported : 01/13/2020

**Client Sample ID: SV-12B-1'**

**Lab ID: 2000076-10**

**Total Metals by ICP-AES EPA 6010B**

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	9.3	1.0	1	B0A0225	01/13/2020	01/13/20 14:23	



# Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino , CA 92408

Project Number : Olson/Gardena-185804443  
Report To : Brian Viggiano  
Reported : 01/13/2020

**Client Sample ID: SV-12B-3'**

**Lab ID: 2000076-11**

**Total Metals by ICP-AES EPA 6010B**

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	4.8	1.0	1	B0A0225	01/13/2020	01/13/20 14:25	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443  
Report To : Brian Viggiano  
Reported : 01/13/2020

**Client Sample ID: SV-12C-1'**

**Lab ID: 2000076-12**

### Total Metals by ICP-AES EPA 6010B

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	5.4	1.0	1	B0A0225	01/13/2020	01/13/20 14:26	



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735 E. Carnegie Drive, Suite 280  
San Bernardino , CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

**Client Sample ID: SV-12C-3'**

**Lab ID: 2000076-13**

## Total Metals by ICP-AES EPA 6010B

**Analyst: KEK**

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Lead	8.6	1.0	1	B0A0225	01/13/2020	01/13/20 14:28	



## Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443  
 Report To : Brian Viggiano  
 Reported : 01/13/2020

### QUALITY CONTROL SECTION

#### Total Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>Batch B0A0225 - EPA 3050B_S</b>										
<b>Blank (B0A0225-BLK1)</b>					Prepared: 1/13/2020 Analyzed: 1/13/2020					
Lead	ND	1.0	0.18							
<b>LCS (B0A0225-BS1)</b>					Prepared: 1/13/2020 Analyzed: 1/13/2020					
Lead	27.2002	1.0	0.18	25.0000		109	80 - 120			
<b>Matrix Spike (B0A0225-MS1)</b>					Source: 2000076-08 Prepared: 1/13/2020 Analyzed: 1/13/2020					
Lead	48.5333	1.0	0.18	25.1256	20.2874	112	33 - 121			
<b>Matrix Spike Dup (B0A0225-MSD1)</b>					Source: 2000076-08 Prepared: 1/13/2020 Analyzed: 1/13/2020					
Lead	46.6173	1.0	0.18	25.0000	20.2874	105	33 - 121	4.03	20	



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino , CA 92408

Project Number : Olson/Gardena-185804443  
 Report To : Brian Viggiano  
 Reported : 01/13/2020

## Organochlorine Pesticides by EPA 8081A - Quality Control

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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### Batch B0A0217 - GCSEMI\_PCB/PEST\_S

#### Blank (B0A0217-BLK1)

Prepared: 1/10/2020 Analyzed: 1/10/2020

4,4'-DDD	ND	2.0	0.14							
4,4'-DDD [2C]	ND	2.0	0.14							
4,4'-DDE	ND	2.0	0.20							
4,4'-DDE [2C]	ND	2.0	0.20							
4,4'-DDT	ND	2.0	0.04							
4,4'-DDT [2C]	ND	2.0	0.04							
Aldrin	ND	1.0	0.05							
Aldrin [2C]	ND	1.0	0.05							
alpha-BHC	ND	1.0	0.12							
alpha-BHC [2C]	ND	1.0	0.12							
alpha-Chlordane	ND	1.0	0.06							
alpha-Chlordane [2C]	ND	1.0	0.06							
beta-BHC	ND	1.0	0.08							
beta-BHC [2C]	ND	1.0	0.08							
Chlordane	ND	8.5	0.78							
Chlordane [2C]	ND	8.5	0.78							
delta-BHC	ND	1.0	0.07							
delta-BHC [2C]	ND	1.0	0.07							
Dieldrin	ND	2.0	0.04							
Dieldrin [2C]	ND	2.0	0.04							
Endosulfan I	ND	1.0	0.05							
Endosulfan I [2C]	ND	1.0	0.05							
Endosulfan II	ND	2.0	0.06							
Endosulfan II [2C]	ND	2.0	0.06							
Endosulfan sulfate	ND	2.0	0.15							
Endosulfan Sulfate [2C]	ND	2.0	0.15							
Endrin	ND	2.0	0.08							
Endrin [2C]	ND	2.0	0.08							
Endrin aldehyde	ND	2.0	0.09							
Endrin aldehyde [2C]	ND	2.0	0.09							
Endrin ketone	ND	2.0	0.09							
Endrin ketone [2C]	ND	2.0	0.09							
gamma-BHC	ND	1.0	0.12							
gamma-BHC [2C]	ND	1.0	0.12							
gamma-Chlordane	ND	1.0	0.28							
gamma-Chlordane [2C]	ND	1.0	0.28							
Heptachlor	ND	1.0	0.06							
Heptachlor [2C]	ND	1.0	0.06							
Heptachlor epoxide	ND	1.0	0.06							
Heptachlor epoxide [2C]	ND	1.0	0.06							
Methoxychlor	ND	5.0	0.16							



# Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

## Organochlorine Pesticides by EPA 8081A - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
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### Batch B0A0217 - GCSEMI\_PCB/PEST\_S (continued)

#### Blank (B0A0217-BLK1) - Continued

Prepared: 1/10/2020 Analyzed: 1/10/2020

Methoxychlor [2C]	ND	5.0	0.16							
Toxaphene	ND	50	4.7							
Toxaphene [2C]	ND	50	4.7							

<i>Surrogate: Decachlorobiphenyl</i>	11.49			16.6667		69.0	32 - 91			
<i>Surrogate: Decachlorobiphenyl [</i>	8.782			16.6667		52.7	32 - 91			
<i>Surrogate: Tetrachloro-m-xylene</i>	11.67			16.6667		70.0	38 - 93			
<i>Surrogate: Tetrachloro-m-xylene</i>	10.19			16.6667		61.1	38 - 93			

#### LCS (B0A0217-BS1)

Prepared: 1/10/2020 Analyzed: 1/13/2020

4,4'-DDD	13.8292	2.0	0.14	16.6667		83.0	66 - 112			
4,4'-DDD [2C]	12.8862	2.0	0.14	16.6667		77.3	66 - 112			
4,4'-DDE	14.2680	2.0	0.20	16.6667		85.6	62 - 112			
4,4'-DDE [2C]	12.7003	2.0	0.20	16.6667		76.2	62 - 112			
4,4'-DDT	14.0955	2.0	0.04	16.6667		84.6	48 - 90			
4,4'-DDT [2C]	12.6377	2.0	0.04	16.6667		75.8	48 - 90			
Aldrin	13.5882	1.0	0.05	16.6667		81.5	58 - 104			
Aldrin [2C]	12.9928	1.0	0.05	16.6667		78.0	58 - 104			
alpha-BHC	13.0365	1.0	0.12	16.6667		78.2	57 - 105			
alpha-BHC [2C]	12.6677	1.0	0.12	16.6667		76.0	57 - 105			
alpha-Chlordane	13.8243	1.0	0.06	16.6667		82.9	62 - 108			
alpha-Chlordane [2C]	12.9457	1.0	0.06	16.6667		77.7	62 - 108			
beta-BHC	13.5843	1.0	0.08	16.6667		81.5	59 - 106			
beta-BHC [2C]	12.9705	1.0	0.08	16.6667		77.8	59 - 106			
delta-BHC	12.7058	1.0	0.07	16.6667		76.2	63 - 115			
delta-BHC [2C]	12.5092	1.0	0.07	16.6667		75.1	63 - 115			
Dieldrin	13.5805	2.0	0.04	16.6667		81.5	59 - 102			
Dieldrin [2C]	12.5487	2.0	0.04	16.6667		75.3	59 - 102			
Endosulfan I	12.8820	1.0	0.05	16.6667		77.3	61 - 99			
Endosulfan I [2C]	12.1832	1.0	0.05	16.6667		73.1	61 - 99			
Endosulfan II	14.2140	2.0	0.06	16.6667		85.3	65 - 105			
Endosulfan II [2C]	12.6433	2.0	0.06	16.6667		75.9	65 - 105			
Endosulfan sulfate	13.4175	2.0	0.15	16.6667		80.5	59 - 107			
Endosulfan Sulfate [2C]	11.4917	2.0	0.15	16.6667		69.0	59 - 107			
Endrin	14.2447	2.0	0.08	16.6667		85.5	65 - 113			
Endrin [2C]	13.1102	2.0	0.08	16.6667		78.7	65 - 113			
Endrin aldehyde	14.4337	2.0	0.09	16.6667		86.6	61 - 109			
Endrin aldehyde [2C]	13.0745	2.0	0.09	16.6667		78.4	61 - 109			
Endrin ketone	13.2725	2.0	0.09	16.6667		79.6	56 - 97			
Endrin ketone [2C]	12.1717	2.0	0.09	16.6667		73.0	56 - 97			
gamma-BHC	13.3168	1.0	0.12	16.6667		79.9	57 - 101			
gamma-BHC [2C]	13.2737	1.0	0.12	16.6667		79.6	57 - 101			



# Certificate of Analysis

Stantec  
 735 E. Carnegie Drive, Suite 280  
 San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

## Organochlorine Pesticides by EPA 8081A - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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### Batch B0A0217 - GCSEMI\_PCB/PEST\_S (continued)

#### LCS (B0A0217-BS1) - Continued

Prepared: 1/10/2020 Analyzed: 1/13/2020

gamma-Chlordane	13.5663	1.0	0.28	16.6667		81.4	56 - 125			
gamma-Chlordane [2C]	12.7997	1.0	0.28	16.6667		76.8	56 - 125			
Heptachlor	13.8422	1.0	0.06	16.6667		83.1	61 - 105			
Heptachlor [2C]	13.1533	1.0	0.06	16.6667		78.9	61 - 105			
Heptachlor epoxide	13.0692	1.0	0.06	16.6667		78.4	59 - 97			
Heptachlor epoxide [2C]	12.5353	1.0	0.06	16.6667		75.2	59 - 97			
Methoxychlor	14.9467	5.0	0.16	16.6667		89.7	68 - 118			
Methoxychlor [2C]	12.7165	5.0	0.16	16.6667		76.3	68 - 118			
<i>Surrogate: Decachlorobiphenyl</i>	14.48			16.6667		86.9	32 - 91			
<i>Surrogate: Decachlorobiphenyl [</i>	12.02			16.6667		72.1	32 - 91			
<i>Surrogate: Tetrachloro-m-xylene</i>	14.79			16.6667		88.7	38 - 93			
<i>Surrogate: Tetrachloro-m-xylene</i>	12.53			16.6667		75.2	38 - 93			

#### Matrix Spike (B0A0217-MS1)

Source: 2000076-01

Prepared: 1/10/2020 Analyzed: 1/10/2020

4,4'-DDD	10.5470	2.0	0.14	16.6667	ND	63.3	33 - 116			
4,4'-DDD [2C]	9.56567	2.0	0.14	16.6667	ND	57.4	33 - 116			
4,4'-DDE	10.7252	2.0	0.20	16.6667	ND	64.4	29 - 128			
4,4'-DDE [2C]	10.2515	2.0	0.20	16.6667	ND	61.5	29 - 128			
4,4'-DDT	9.34133	2.0	0.04	16.6667	ND	56.0	27 - 109			
4,4'-DDT [2C]	9.06883	2.0	0.04	16.6667	ND	54.4	27 - 109			
Aldrin	10.0860	1.0	0.05	16.6667	ND	60.5	34 - 110			
Aldrin [2C]	9.70833	1.0	0.05	16.6667	ND	58.2	34 - 110			
alpha-BHC	12.6967	1.0	0.12	16.6667	ND	76.2	39 - 107			
alpha-BHC [2C]	12.3192	1.0	0.12	16.6667	ND	73.9	39 - 107			
alpha-Chlordane	10.6722	1.0	0.06	16.6667	ND	64.0	37 - 111			
alpha-Chlordane [2C]	9.92800	1.0	0.06	16.6667	ND	59.6	37 - 111			
beta-BHC	13.6130	1.0	0.08	16.6667	ND	81.7	33 - 111			
beta-BHC [2C]	13.2742	1.0	0.08	16.6667	ND	79.6	33 - 111			
delta-BHC	11.5853	1.0	0.07	16.6667	ND	69.5	25 - 122			
delta-BHC [2C]	11.2293	1.0	0.07	16.6667	ND	67.4	25 - 122			
Dieldrin	11.3345	2.0	0.04	16.6667	ND	68.0	28 - 114			
Dieldrin [2C]	10.2995	2.0	0.04	16.6667	ND	61.8	28 - 114			
Endosulfan I	10.5045	1.0	0.05	16.6667	ND	63.0	35 - 107			
Endosulfan I [2C]	9.95750	1.0	0.05	16.6667	ND	59.7	35 - 107			
Endosulfan II	11.9212	2.0	0.06	16.6667	ND	71.5	13 - 122			
Endosulfan II [2C]	10.7642	2.0	0.06	16.6667	ND	64.6	13 - 122			
Endosulfan sulfate	11.1882	2.0	0.15	16.6667	ND	67.1	13 - 120			
Endosulfan Sulfate [2C]	9.68050	2.0	0.15	16.6667	ND	58.1	13 - 120			
Endrin	11.8430	2.0	0.08	16.6667	ND	71.1	31 - 121			
Endrin [2C]	10.9295	2.0	0.08	16.6667	ND	65.6	31 - 121			
Endrin aldehyde	13.0325	2.0	0.09	16.6667	ND	78.2	18 - 129			



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

### Organochlorine Pesticides by EPA 8081A - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B0A0217 - GCSEMI\_PCB/PEST\_S (continued)**

**Matrix Spike (B0A0217-MS1) - Continued**

**Source: 2000076-01**

Prepared: 1/10/2020 Analyzed: 1/10/2020

Endrin aldehyde [2C]	11.7982	2.0	0.09	16.6667	ND	70.8	18 - 129			
Endrin ketone	11.0960	2.0	0.09	16.6667	ND	66.6	14 - 113			
Endrin ketone [2C]	10.3713	2.0	0.09	16.6667	ND	62.2	14 - 113			
gamma-BHC	12.7710	1.0	0.12	16.6667	ND	76.6	34 - 104			
gamma-BHC [2C]	12.6622	1.0	0.12	16.6667	ND	76.0	34 - 104			
gamma-Chlordane	10.5373	1.0	0.28	16.6667	ND	63.2	35 - 121			
gamma-Chlordane [2C]	9.91800	1.0	0.28	16.6667	ND	59.5	35 - 121			
Heptachlor	10.5630	1.0	0.06	16.6667	ND	63.4	35 - 110			
Heptachlor [2C]	10.0198	1.0	0.06	16.6667	ND	60.1	35 - 110			
Heptachlor epoxide	10.5638	1.0	0.06	16.6667	ND	63.4	31 - 106			
Heptachlor epoxide [2C]	10.1770	1.0	0.06	16.6667	ND	61.1	31 - 106			
Methoxychlor	11.4107	5.0	0.16	16.6667	ND	68.5	21 - 128			
Methoxychlor [2C]	9.53017	5.0	0.16	16.6667	ND	57.2	21 - 128			

<i>Surrogate: Decachlorobiphenyl</i>	8.926			16.6667		53.6	32 - 91			
<i>Surrogate: Decachlorobiphenyl [</i>	6.640			16.6667		39.8	32 - 91			
<i>Surrogate: Tetrachloro-m-xylene</i>	10.84			16.6667		65.1	38 - 93			
<i>Surrogate: Tetrachloro-m-xylene</i>	9.695			16.6667		58.2	38 - 93			

**Matrix Spike Dup (B0A0217-MSD1)**

**Source: 2000076-01**

Prepared: 1/10/2020 Analyzed: 1/10/2020

4,4'-DDD	10.7992	2.0	0.14	16.6667	ND	64.8	33 - 116	2.36	20	
4,4'-DDD [2C]	9.57800	2.0	0.14	16.6667	ND	57.5	33 - 116	0.129	20	
4,4'-DDE	10.9157	2.0	0.20	16.6667	ND	65.5	29 - 128	1.76	20	
4,4'-DDE [2C]	10.1928	2.0	0.20	16.6667	ND	61.2	29 - 128	0.574	20	
4,4'-DDT	9.65283	2.0	0.04	16.6667	ND	57.9	27 - 109	3.28	20	
4,4'-DDT [2C]	9.23500	2.0	0.04	16.6667	ND	55.4	27 - 109	1.82	20	
Aldrin	10.2532	1.0	0.05	16.6667	ND	61.5	34 - 110	1.64	20	
Aldrin [2C]	9.67933	1.0	0.05	16.6667	ND	58.1	34 - 110	0.299	20	
alpha-BHC	12.7075	1.0	0.12	16.6667	ND	76.2	39 - 107	0.0853	20	
alpha-BHC [2C]	12.1557	1.0	0.12	16.6667	ND	72.9	39 - 107	1.34	20	
alpha-Chlordane	10.8122	1.0	0.06	16.6667	ND	64.9	37 - 111	1.30	20	
alpha-Chlordane [2C]	9.86517	1.0	0.06	16.6667	ND	59.2	37 - 111	0.635	20	
beta-BHC	13.6548	1.0	0.08	16.6667	ND	81.9	33 - 111	0.307	20	
beta-BHC [2C]	12.8913	1.0	0.08	16.6667	ND	77.3	33 - 111	2.93	20	
delta-BHC	11.6342	1.0	0.07	16.6667	ND	69.8	25 - 122	0.421	20	
delta-BHC [2C]	11.2297	1.0	0.07	16.6667	ND	67.4	25 - 122	0.00302	20	
Dieldrin	11.4855	2.0	0.04	16.6667	ND	68.9	28 - 114	1.32	20	
Dieldrin [2C]	10.2827	2.0	0.04	16.6667	ND	61.7	28 - 114	0.164	20	
Endosulfan I	10.6847	1.0	0.05	16.6667	ND	64.1	35 - 107	1.70	20	
Endosulfan I [2C]	9.86483	1.0	0.05	16.6667	ND	59.2	35 - 107	0.935	20	
Endosulfan II	12.2283	2.0	0.06	16.6667	ND	73.4	13 - 122	2.54	20	
Endosulfan II [2C]	10.7448	2.0	0.06	16.6667	ND	64.5	13 - 122	0.180	20	



## Certificate of Analysis

Stantec  
735 E. Carnegie Drive, Suite 280  
San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

### Organochlorine Pesticides by EPA 8081A - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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**Batch B0A0217 - GCSEMI\_PCB/PEST\_S (continued)**

**Matrix Spike Dup (B0A0217-MSD1) - Continued**

Source: 2000076-01

Prepared: 1/10/2020 Analyzed: 1/10/2020

Endosulfan sulfate	11.3978	2.0	0.15	16.6667	ND	68.4	13 - 120	1.86	20	
Endosulfan Sulfate [2C]	9.73967	2.0	0.15	16.6667	ND	58.4	13 - 120	0.609	20	
Endrin	12.1420	2.0	0.08	16.6667	ND	72.9	31 - 121	2.49	20	
Endrin [2C]	11.0210	2.0	0.08	16.6667	ND	66.1	31 - 121	0.834	20	
Endrin aldehyde	13.2637	2.0	0.09	16.6667	ND	79.6	18 - 129	1.76	20	
Endrin aldehyde [2C]	11.8067	2.0	0.09	16.6667	ND	70.8	18 - 129	0.0720	20	
Endrin ketone	11.5742	2.0	0.09	16.6667	ND	69.4	14 - 113	4.22	20	
Endrin ketone [2C]	10.4960	2.0	0.09	16.6667	ND	63.0	14 - 113	1.19	20	
gamma-BHC	12.8200	1.0	0.12	16.6667	ND	76.9	34 - 104	0.383	20	
gamma-BHC [2C]	12.6098	1.0	0.12	16.6667	ND	75.7	34 - 104	0.414	20	
gamma-Chlordane	10.6830	1.0	0.28	16.6667	ND	64.1	35 - 121	1.37	20	
gamma-Chlordane [2C]	9.87367	1.0	0.28	16.6667	ND	59.2	35 - 121	0.448	20	
Heptachlor	10.7170	1.0	0.06	16.6667	ND	64.3	35 - 110	1.45	20	
Heptachlor [2C]	10.0092	1.0	0.06	16.6667	ND	60.1	35 - 110	0.106	20	
Heptachlor epoxide	10.6332	1.0	0.06	16.6667	ND	63.8	31 - 106	0.654	20	
Heptachlor epoxide [2C]	10.1220	1.0	0.06	16.6667	ND	60.7	31 - 106	0.542	20	
Methoxychlor	11.7930	5.0	0.16	16.6667	ND	70.8	21 - 128	3.30	20	
Methoxychlor [2C]	9.65733	5.0	0.16	16.6667	ND	57.9	21 - 128	1.33	20	
<i>Surrogate: Decachlorobiphenyl</i>	<i>9.192</i>			<i>16.6667</i>		<i>55.2</i>	<i>32 - 91</i>			
<i>Surrogate: Decachlorobiphenyl [</i>	<i>6.704</i>			<i>16.6667</i>		<i>40.2</i>	<i>32 - 91</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>10.73</i>			<i>16.6667</i>		<i>64.4</i>	<i>38 - 93</i>			
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>9.499</i>			<i>16.6667</i>		<i>57.0</i>	<i>38 - 93</i>			



## Certificate of Analysis

Stantec

735 E. Carnegie Drive, Suite 280

San Bernardino, CA 92408

Project Number : Olson/Gardena-185804443

Report To : Brian Viggiano

Reported : 01/13/2020

### Notes and Definitions

ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

#### Notes:

- (1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
- (2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
- (3) Results are wet unless otherwise specified.

For Laboratory Use Only ATLCO Ver: 2019.10.22

Method of Transport		Sample Conditions Upon Receipt					
<input type="checkbox"/> Client	<input type="checkbox"/> ATL	Condition	Y	N	Condition	Y	N
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	1. CHILLED	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5. # OF SAMPLES MATCH COC	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> GSO	<input type="checkbox"/> Other:	2. HEADSPACE (VDA)	<input type="checkbox"/>	<input type="checkbox"/>	6. PRESERVED	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>		3. CONTAINER INTACT	<input checked="" type="checkbox"/>	<input type="checkbox"/>	7. COOLER TEMP. deg. C	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>		4. SEALED	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>

Instruction: Complete all shaded areas.

Company: **STANTEC** Address: **735 E. Carnegie Dr** Tel: **909.226.7651**  
 City: **San Bernardino** State: **CA** Zip: **92408** Fax: \_\_\_\_\_  
 Attn: **Brian Viggiano** Email: **Brian.Viggiano@stantec.com**  
 Company: **STANTEC** Address: **735 E. Carnegie Dr.**  
 City: **San Bernardino** State: **CA** Zip: **92408**

Project Name: **Olson/Gardena** Quote #: \_\_\_\_\_  
 Project No.: **185804443** PO #: \_\_\_\_\_  
 Sampler: **Ruben Durazo**

ITEM	Laboratory ID (For Lab Use Only)	Sample ID / Location	Sample Description	Special Instructions/Comments:	
				Date	Time
1	200076-01	SV-18A		1-10-20	9:05
2	-02	SV-18B-1'			9:30
3	-03	SV-18B-3'			9:40
4	-04	SV-18C-1'			9:58
5	-05	SV-18C-3'			10:11
6	-06	SV-18D-1'			10:27
7	-07	SV-18D-3'			10:36
8	-08	SV-12A-1'			11:20
9	-09	SV-12A-3'			11:28
10	-10	SV-12B-1'			11:40

Requested Analysis	Sample Matrix	Turnaround Time (TAT)	Quantity	Container	Remarks
8015 (GRO)	WATER - DRINKING / GROUND				
8015 (DRO)	WATER - STORM / WASTE				
8082 (PCBs)	NON-AQUEOUS / LAYERED - OIL				
8270 (Semi-volatiles)					
6010 / 7000 (Title 22 Metals)					
TO-15					

Relinquished by: (Signature and Printed Name) **Ruben Durazo** Date: **1-10-20** Time: **14:16**  
 Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

1. Sample receiving hours: 7:30 AM to 7:30 PM Monday - Friday; Saturday 8:00 AM to 12:00 PM.  
 2. Samples submitted AFTER 5:00 PM are considered received the following business day at 8:00 AM.  
 3. The following turnaround time conditions apply:  
 TAT = 0: Same Business Day if received by 9:00 AM  
 TAT = 1: 1 Business Day (COB)  
 TAT = 2: 2 Business Days (COB)  
 TAT = 3: 3 Business Days (COB)  
 TAT = 4: 4 Business Days (COB)  
 TAT = 5: 5 Business Days (COB)  
 TAT = 6: 6 to 7 Business Days (COB)  
 4. Weekend, holiday, after-hours work ... ask for quote.

5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective to the subcontract lab ... ask for quote.  
 6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.  
 7. Electronic records maintained for five (5) years from report date.  
 8. Hard copy reports will be disposed of after 45 calendar days from report date.  
 9. Storage and Report Fees:  
 - Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$2/sample/month if extended storage or hold is requested.  
 - Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20 sample/week if extended storage is requested.

10. Rush TCI/STLC samples: add 2 days to analysis TAT for extraction procedure.  
 11. Unanalyzed samples will incur a disposal fee of \$7 per sample.  
 12. The laboratory will randomly select from all QC samples received the sample to spike for Matrix Spike/Matrix Spike Duplicate (MS/MSD) at no cost. However, if you want the laboratory to additionally perform MS/MSD on your sample, a charge will be assessed for the specific sample used.

As the authorized agent of the company above, I hereby guarantee laboratory services from ATL as shown above and hereby guarantee payment as quoted.

For Laboratory Use Only ATLCOOC Ver:2013.01022

Method of Transport		Sample Conditions Upon Receipt	
<input type="checkbox"/> Client	<input type="checkbox"/> ATL	Condition	Y N
<input type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	1. CHILLED	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
<input type="checkbox"/> GSO	<input type="checkbox"/> Other: _____	2. HEADSPACE (VOA)	<input type="checkbox"/> Y <input type="checkbox"/> N
<input type="checkbox"/>		3. CONTAINER INTACT	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
<input type="checkbox"/>		4. SEALED	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
		5. # OF SAMPLES MATCH COC	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N
		6. PRESERVED	<input type="checkbox"/> Y <input type="checkbox"/> N
		7. COOLER TEMP. DEG. C.	<input type="checkbox"/> Y <input type="checkbox"/> N

Instruction: Complete all shaded areas.

Company: <b>STANTEC</b>	Address: <b>735 E. Carnegie Dr</b>	Tel: <b>909, 226.7651</b>
Attn: <b>Brian Viggiano</b>	City: <b>San Bernardino</b>	Fax: _____
Company: <b>STANTEC</b>	State: <b>CA</b>	Zip: <b>92408</b>
Address: <b>735 E. Carnegie Dr</b>	Email: _____	
City: <b>San Bernardino</b>	State: _____	Zip: _____

ITEM	Laboratory ID (For Lab Use Only)	Sample Description	Sample ID / Location	Date	Time	Special Instructions/Comments:	Requested Analysis		Sample Matrix		Turnaround Time (TAT)	Quantity	Container	Remarks	
							8260 / 624 (Volatiles)	8015 (GRO)	8015 (DRO)	8081 (Organochlorine Pesticides)					8082 (PCBs)
1	300026-11	SV-12B-3'		1-10-20	11:52	24 Hour Rush									
2	SV-12C-1'				12:15										
3	SV-12C-3'				12:27										
4															
5															
6															
7															
8															
9															
10															

5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective to the subcontract lab --- ask for quote.

6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.

7. Electronic records maintained for five (5) years from report date.

8. Hard copy reports will be disposed of after 45 calendar days from report date.

9. Storage and Report Fees:

- Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$2/sample/month if extended storage or hold is requested.
- Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20 sample/week if extended storage is requested.

10. Rush TCLP/STLC samples: add 2 days to analysis TAT for extraction procedure.

11. Unanalyzed samples will incur a disposal fee of \$7 per sample.

12. The laboratory will randomly select from all QC samples received the sample to spike for Matrix Spike/Matrix Spike Duplicate (MS/MSD) at no cost. However, if you want the laboratory to additionally perform MS/MSD on your sample, a charge will be assessed for the specific sample used.

Hard copy and regenerated reports/EDDs: \$17.50 per hard copy report requested; \$50.00 per regenerate/reformat report; \$35 per preprocessed EDD.

Relinquished by: (Signature and Printed Name) **Reben Durazo** Date: **1-10-20** Time: **14:16**

Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

As the authorized agent of the company above, I hereby purchase laboratory services from ATL as shown above and hereby guarantee payment as quoted.

Printed Name \_\_\_\_\_ Signature \_\_\_\_\_

For Laboratory Use Only ATLCCOC Ver: 2019.10.22

Method of Transport		Sample Conditions Upon Receipt	
<input type="checkbox"/> Chilled	<input type="checkbox"/> AIL	Condition	Y N
<input type="checkbox"/> Fridge	<input type="checkbox"/> On/Off	1. CHILLED	<input type="checkbox"/> Y <input type="checkbox"/> N
<input type="checkbox"/> ISO	<input type="checkbox"/> Other	2. HEADSPACE (VDA)	<input type="checkbox"/> Y <input type="checkbox"/> N
<input type="checkbox"/> Other		3. CONTAINER INTACT	<input type="checkbox"/> Y <input type="checkbox"/> N
		4. SEALED	<input type="checkbox"/> Y <input type="checkbox"/> N
		5. # OF SAMPLES MATCH COC	<input type="checkbox"/> Y <input type="checkbox"/> N
		6. PRESERVED	<input type="checkbox"/> Y <input type="checkbox"/> N
		7. COOLER TEMP. deg C	<input type="checkbox"/> Y <input type="checkbox"/> N

Instruction: Complete all shaded areas.

Company: <b>STANTEC</b>		Address: <b>7356 Carnegie Dr</b>		Tel: <b>909 226 7651</b>	
Attn: <b>Brian Viggiano</b>		City: <b>San Bernardino</b>		Fax: <b>909 226 7651</b>	
Company: <b>STANTEC</b>		State: <b>CA</b>		Zip: <b>92410</b>	
Address: <b>7356 Carnegie Dr</b>		City: <b>San Bernardino</b>		State: <b>CA</b>	
City: <b>San Bernardino</b>		State: <b>CA</b>		Zip: <b>92410</b>	

SEND REPORT TO: \_\_\_\_\_ Email: \_\_\_\_\_  
 SEND INVOICE TO: \_\_\_\_\_ Email: \_\_\_\_\_  
 Same as SEND REPORT TO

ITEM	Laboratory ID (For Lab Use Only)	Sample ID / Location	Sample Description	Special Instructions/Comments:		Requested Analysis		Sample Matrix	Turnaround Time (TAT)	Quantity	Container	Remarks
				Quote #:	PO #:	8260 / 624 (Volatiles)	8015 (GRO)					
1		SV-18A-3' <b>BV</b>			24 HOUR RUSH							
2		SV-18B-1'		1-10-20	9:05							
3		SV-18B-3'			9:30							
4		SV-18C-1'			9:40							
5		SV-18C-3'			9:58							
6		SV-18D-1'			10:11							
7		SV-18D-3'			10:27							
8		SV-12A-1'			10:36							
9		SV-12A-3'			11:20							
10		SV-12B-1'			11:28							

1. Sample receiving hours: 7:30 AM to 7:30 PM Monday - Friday, Saturday 8:00 AM to 12:00 PM.  
 2. Samples submitted AFTER 5:00 PM are considered received the following business day at 8:00 AM.  
 3. The following turnaround time conditions apply:  
 TAT = 0: Same Business Day if received by 9:00 AM  
 TAT = 1: 1 Business Day (COB)  
 TAT = 2: 2 Business Days (COB)  
 TAT = 3: 3 Business Days (COB)  
 TAT = 4: 4 Business Days (COB)  
 TAT = 5: 5 Business Days (COB)  
 TAT = 6: 5 to 7 Business Days (COB)  
 4. Weekend, holiday, after-hours work --- ask for quote.

5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective to the subcontract lab --- ask for quote.  
 6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed of after 14 calendar days after receipt of samples.  
 7. Electronic records maintained for five (5) years from report date.  
 8. Hard copy reports will be disposed of after 45 calendar days from report date.  
 9. Storage and Report Fees:  
 - Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$2/sample/month (if extended storage or hold is requested).  
 - Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20 sample/week (if extended storage is requested).

10. Rush TAT/STC samples: add 2 days to analysis TAT for extraction procedure.  
 11. Unanalyzed samples will incur a disposal fee of \$7 per sample.  
 12. The laboratory will randomly select from all QC samples received the sample to spike for Matrix Spike/Matrix Spike Duplicate (MS/MSD) at no cost. However, if you want the laboratory to additionally perform MS/MSD on your sample, a charge will be assessed for the specific sample used.

Hard copy and regenerated reports/EDDs: \$17.50 per hard copy report requested; \$50.00 per regenerate/reformatted report; \$35 per processed EDD.

Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Relinquished by: (Signature and Printed Name) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

As the authorized agent of the company above, I hereby guarantee payment as quoted.

Printed Name \_\_\_\_\_ Signature \_\_\_\_\_

**APPENDIX C-  
PROUCL WORKSHEETS**



	0	1	2	3
	Total Pb (mg/Kg)	Dieldrin (mg/Kg)	Total Lead - Minus Outlier (mg/Kg)	Dieldrin - Minus Outlier (mg/Kg)
1	4.3	0.001	4.3	0.001
2	9.2	0.0074	9.2	0.0074
3	10	0.0057	10	0.0057
4	8.2	0.001	8.2	0.001
5	17	0.001	17	0.001
6	54	0.001	54	0.001
7	10	0.001	10	0.001
8	110	0.001	6	0.001
9	6	0.001	20	0.001
10	20	0.017	5	0.017
11	5	0.001	9	0.001
12	9	0.001	5	0.001
13	5	0.001	5	0.001
14	5	0.17	9	0.001
15	9	0.001	19	0.001
16	19	0.001	9.4	0.001
17	9.4	0.001	7.3	0.001
18	7.3	0.001	25	0.001
19	25	0.001	16	0.001
20	16	0.001	23	0.001
21	23	0.001		

	A	B	C	D	E	F	G	H	I	J	K	L
1	<b>UCL Statistics for Uncensored Full Data Sets</b>											
2												
3	User Selected Options											
4	Date/Time of Computation	ProUCL 5.11/27/2020 2:09:14 PM										
5	From File	WorkSheet.xls										
6	Full Precision	OFF										
7	Confidence Coefficient	95%										
8	Number of Bootstrap Operations	2000										
9												
10												
11	<b>Total Pb (mg/Kg)</b>											
12												
13	<b>General Statistics</b>											
14	Total Number of Observations	21					Number of Distinct Observations	17				
15							Number of Missing Observations	0				
16	Minimum	4.3					Mean	18.16				
17	Maximum	110					Median	9.4				
18	SD	23.81					Std. Error of Mean	5.195				
19	Coefficient of Variation	1.311					Skewness	3.291				
20												
21	<b>Normal GOF Test</b>											
22	Shapiro Wilk Test Statistic	0.555					<b>Shapiro Wilk GOF Test</b>					
23	5% Shapiro Wilk Critical Value	0.908					Data Not Normal at 5% Significance Level					
24	Lilliefors Test Statistic	0.292					<b>Lilliefors GOF Test</b>					
25	5% Lilliefors Critical Value	0.188					Data Not Normal at 5% Significance Level					
26	Data Not Normal at 5% Significance Level											
27												
28	<b>Assuming Normal Distribution</b>											
29	<b>95% Normal UCL</b>					<b>95% UCLs (Adjusted for Skewness)</b>						
30	95% Student's-t UCL	27.12					95% Adjusted-CLT UCL (Chen-1995)					30.69
31							95% Modified-t UCL (Johnson-1978)					27.74
32												
33	<b>Gamma GOF Test</b>											
34	A-D Test Statistic	1.394					<b>Anderson-Darling Gamma GOF Test</b>					
35	5% A-D Critical Value	0.762					Data Not Gamma Distributed at 5% Significance Level					
36	K-S Test Statistic	0.249					<b>Kolmogorov-Smirnov Gamma GOF Test</b>					
37	5% K-S Critical Value	0.193					Data Not Gamma Distributed at 5% Significance Level					
38	Data Not Gamma Distributed at 5% Significance Level											
39												
40	<b>Gamma Statistics</b>											
41	k hat (MLE)	1.354					k star (bias corrected MLE)	1.192				
42	Theta hat (MLE)	13.41					Theta star (bias corrected MLE)	15.23				
43	nu hat (MLE)	56.87					nu star (bias corrected)	50.08				
44	MLE Mean (bias corrected)	18.16					MLE Sd (bias corrected)	16.63				
45							Approximate Chi Square Value (0.05)	34.83				
46	Adjusted Level of Significance	0.0383					Adjusted Chi Square Value	33.85				
47												
48	<b>Assuming Gamma Distribution</b>											
49	95% Approximate Gamma UCL (use when n>=50))	26.11					95% Adjusted Gamma UCL (use when n<50)					26.87
50												
51	<b>Lognormal GOF Test</b>											
52	Shapiro Wilk Test Statistic	0.903					<b>Shapiro Wilk Lognormal GOF Test</b>					

	A	B	C	D	E	F	G	H	I	J	K	L
53			5% Shapiro Wilk Critical Value			0.908		Data Not Lognormal at 5% Significance Level				
54			Lilliefors Test Statistic			0.208		Lilliefors Lognormal GOF Test				
55			5% Lilliefors Critical Value			0.188		Data Not Lognormal at 5% Significance Level				
56			Data Not Lognormal at 5% Significance Level									
57												
58			<b>Lognormal Statistics</b>									
59			Minimum of Logged Data			1.459		Mean of logged Data			2.487	
60			Maximum of Logged Data			4.7		SD of logged Data			0.818	
61												
62			<b>Assuming Lognormal Distribution</b>									
63			95% H-UCL			25.74		90% Chebyshev (MVUE) UCL			26.08	
64			95% Chebyshev (MVUE) UCL			30.43		97.5% Chebyshev (MVUE) UCL			36.48	
65			99% Chebyshev (MVUE) UCL			48.35						
66												
67			<b>Nonparametric Distribution Free UCL Statistics</b>									
68			Data do not follow a Discernible Distribution (0.05)									
69												
70			<b>Nonparametric Distribution Free UCLs</b>									
71			95% CLT UCL			26.71		95% Jackknife UCL			27.12	
72			95% Standard Bootstrap UCL			26.69		95% Bootstrap-t UCL			44.54	
73			95% Hall's Bootstrap UCL			64.97		95% Percentile Bootstrap UCL			27.57	
74			95% BCA Bootstrap UCL			31.06						
75			90% Chebyshev(Mean, Sd) UCL			33.75		95% Chebyshev(Mean, Sd) UCL			40.81	
76			97.5% Chebyshev(Mean, Sd) UCL			50.6		99% Chebyshev(Mean, Sd) UCL			69.85	
77												
78			<b>Suggested UCL to Use</b>									
79			95% Chebyshev (Mean, Sd) UCL			40.81						
80												
81			Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.									
82			Recommendations are based upon data size, data distribution, and skewness.									
83			These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).									
84			However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.									
85												

	A	B	C	D	E	F	G	H	I	J	K	L
1	<b>Outlier Tests for Selected Uncensored Variables</b>											
2	<b>User Selected Options</b>											
3	Date/Time of Computation	ProUCL 5.11/29/2020 10:06:11 AM										
4		From File	WorkSheet.xls									
5		Full Precision	OFF									
6												
7												
8	<b>Dixon's Outlier Test for Total Pb (mg/Kg)</b>											
9												
10	Number of Observations =	21										
11	10% critical value:	0.391										
12	5% critical value:	0.44										
13	1% critical value:	0.524										
14												
15	<b>1. Observation Value 110 is a Potential Outlier (Upper Tail)</b>											
16												
17	Test Statistic:	0.810										
18												
19	For 10% significance level,	110 is an outlier.										
20	For 5% significance level,	110 is an outlier.										
21	For 1% significance level,	110 is an outlier.										
22												
23	<b>2. Observation Value 4.3 is a Potential Outlier (Lower Tail)</b>											
24												
25	Test Statistic:	0.034										
26												
27	For 10% significance level,	4.3 is not an outlier.										
28	For 5% significance level,	4.3 is not an outlier.										
29	For 1% significance level,	4.3 is not an outlier.										
30												

	A	B	C	D	E	F	G	H	I	J	K	L
1	<b>UCL Statistics for Uncensored Full Data Sets</b>											
2												
3	User Selected Options											
4	Date/Time of Computation	ProUCL 5.11/29/2020 10:09:56 AM										
5	From File	WorkSheet.xls										
6	Full Precision	OFF										
7	Confidence Coefficient	95%										
8	Number of Bootstrap Operations	2000										
9												
10												
11	<b>Total Lead - Minus Outlier (mg/Kg)</b>											
12												
13	<b>General Statistics</b>											
14	Total Number of Observations	20					Number of Distinct Observations	16				
15							Number of Missing Observations	0				
16	Minimum	4.3					Mean	13.57				
17	Maximum	54					Median	9.3				
18	SD	11.42					Std. Error of Mean	2.554				
19	Coefficient of Variation	0.842					Skewness	2.55				
20												
21	<b>Normal GOF Test</b>											
22	Shapiro Wilk Test Statistic	0.715					<b>Shapiro Wilk GOF Test</b>					
23	5% Shapiro Wilk Critical Value	0.905					Data Not Normal at 5% Significance Level					
24	Lilliefors Test Statistic	0.273					<b>Lilliefors GOF Test</b>					
25	5% Lilliefors Critical Value	0.192					Data Not Normal at 5% Significance Level					
26	Data Not Normal at 5% Significance Level											
27												
28	<b>Assuming Normal Distribution</b>											
29	95% Normal UCL						<b>95% UCLs (Adjusted for Skewness)</b>					
30	95% Student's-t UCL	17.99					95% Adjusted-CLT UCL (Chen-1995)			19.33		
31							95% Modified-t UCL (Johnson-1978)			18.23		
32												
33	<b>Gamma GOF Test</b>											
34	A-D Test Statistic	0.739					<b>Anderson-Darling Gamma GOF Test</b>					
35	5% A-D Critical Value	0.751					Detected data appear Gamma Distributed at 5% Significance Level					
36	K-S Test Statistic	0.235					<b>Kolmogorov-Smirnov Gamma GOF Test</b>					
37	5% K-S Critical Value	0.196					Data Not Gamma Distributed at 5% Significance Level					
38	Detected data follow Appr. Gamma Distribution at 5% Significance Level											
39												
40	<b>Gamma Statistics</b>											
41	k hat (MLE)	2.309					k star (bias corrected MLE)			1.996		
42	Theta hat (MLE)	5.877					Theta star (bias corrected MLE)			6.798		
43	nu hat (MLE)	92.37					nu star (bias corrected)			79.85		
44	MLE Mean (bias corrected)	13.57					MLE Sd (bias corrected)			9.605		
45							Approximate Chi Square Value (0.05)			60.26		
46	Adjusted Level of Significance	0.038					Adjusted Chi Square Value			58.91		
47												
48	<b>Assuming Gamma Distribution</b>											
49	95% Approximate Gamma UCL (use when n>=50)	17.98					95% Adjusted Gamma UCL (use when n<50)			18.39		
50												
51	<b>Lognormal GOF Test</b>											
52	Shapiro Wilk Test Statistic	0.938					<b>Shapiro Wilk Lognormal GOF Test</b>					

	A	B	C	D	E	F	G	H	I	J	K	L
53			5% Shapiro Wilk Critical Value			0.905						Data appear Lognormal at 5% Significance Level
54			Lilliefors Test Statistic			0.194						Lilliefors Lognormal GOF Test
55			5% Lilliefors Critical Value			0.192						Data Not Lognormal at 5% Significance Level
56			Data appear Approximate Lognormal at 5% Significance Level									
57												
58			<b>Lognormal Statistics</b>									
59			Minimum of Logged Data			1.459				Mean of logged Data		2.376
60			Maximum of Logged Data			3.989				SD of logged Data		0.659
61												
62			<b>Assuming Lognormal Distribution</b>									
63			95% H-UCL			18.61				90% Chebyshev (MVUE) UCL		19.39
64			95% Chebyshev (MVUE) UCL			22.19				97.5% Chebyshev (MVUE) UCL		26.08
65			99% Chebyshev (MVUE) UCL			33.72						
66												
67			<b>Nonparametric Distribution Free UCL Statistics</b>									
68			Data appear to follow a Discernible Distribution at 5% Significance Level									
69												
70			<b>Nonparametric Distribution Free UCLs</b>									
71			95% CLT UCL			17.77				95% Jackknife UCL		17.99
72			95% Standard Bootstrap UCL			17.63				95% Bootstrap-t UCL		21.07
73			95% Hall's Bootstrap UCL			35.39				95% Percentile Bootstrap UCL		18.07
74			95% BCA Bootstrap UCL			19.94						
75			90% Chebyshev(Mean, Sd) UCL			21.23				95% Chebyshev(Mean, Sd) UCL		24.7
76			97.5% Chebyshev(Mean, Sd) UCL			29.52				99% Chebyshev(Mean, Sd) UCL		38.98
77												
78			<b>Suggested UCL to Use</b>									
79			95% Adjusted Gamma UCL			18.39						
80												
81			When a data set follows an approximate (e.g., normal) distribution passing one of the GOF test									
82			When applicable, it is suggested to use a UCL based upon a distribution (e.g., gamma) passing both GOF tests in ProUCL									
83												
84			Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.									
85			Recommendations are based upon data size, data distribution, and skewness.									
86			These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).									
87			However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.									
88												

	A	B	C	D	E	F	G	H	I	J	K	L
1	<b>UCL Statistics for Uncensored Full Data Sets</b>											
2												
3	User Selected Options											
4	Date/Time of Computation	ProUCL 5.11/27/2020 2:09:50 PM										
5	From File	WorkSheet.xls										
6	Full Precision	OFF										
7	Confidence Coefficient	95%										
8	Number of Bootstrap Operations	2000										
9												
10												
11	<b>Dieldrin (mg/Kg)</b>											
12												
13	<b>General Statistics</b>											
14	Total Number of Observations	21					Number of Distinct Observations	5				
15							Number of Missing Observations	0				
16		Minimum	0.001				Mean	0.0103				
17		Maximum	0.17				Median	0.001				
18		SD	0.0368				Std. Error of Mean	0.00803				
19		Coefficient of Variation	3.557				Skewness	4.507				
20												
21	<b>Normal GOF Test</b>											
22	Shapiro Wilk Test Statistic	0.275					<b>Shapiro Wilk GOF Test</b>					
23	5% Shapiro Wilk Critical Value	0.908					Data Not Normal at 5% Significance Level					
24	Lilliefors Test Statistic	0.437					<b>Lilliefors GOF Test</b>					
25	5% Lilliefors Critical Value	0.188					Data Not Normal at 5% Significance Level					
26	Data Not Normal at 5% Significance Level											
27												
28	<b>Assuming Normal Distribution</b>											
29	<b>95% Normal UCL</b>					<b>95% UCLs (Adjusted for Skewness)</b>						
30	95% Student's-t UCL	0.0242				95% Adjusted-CLT UCL (Chen-1995)	0.032					
31						95% Modified-t UCL (Johnson-1978)	0.0255					
32												
33	<b>Gamma GOF Test</b>											
34	A-D Test Statistic	5.695					<b>Anderson-Darling Gamma GOF Test</b>					
35	5% A-D Critical Value	0.831					Data Not Gamma Distributed at 5% Significance Level					
36	K-S Test Statistic	0.488					<b>Kolmogorov-Smirnov Gamma GOF Test</b>					
37	5% K-S Critical Value	0.204					Data Not Gamma Distributed at 5% Significance Level					
38	Data Not Gamma Distributed at 5% Significance Level											
39												
40	<b>Gamma Statistics</b>											
41	k hat (MLE)	0.374					k star (bias corrected MLE)	0.352				
42	Theta hat (MLE)	0.0276					Theta star (bias corrected MLE)	0.0293				
43	nu hat (MLE)	15.71					nu star (bias corrected)	14.8				
44	MLE Mean (bias corrected)	0.0103					MLE Sd (bias corrected)	0.0174				
45							Approximate Chi Square Value (0.05)	7.123				
46	Adjusted Level of Significance	0.0383					Adjusted Chi Square Value	6.716				
47												
48	<b>Assuming Gamma Distribution</b>											
49	95% Approximate Gamma UCL (use when n>=50)	0.0215					95% Adjusted Gamma UCL (use when n<50)	0.0228				
50												
51	<b>Lognormal GOF Test</b>											
52	Shapiro Wilk Test Statistic	0.499					<b>Shapiro Wilk Lognormal GOF Test</b>					

	A	B	C	D	E	F	G	H	I	J	K	L
53			5% Shapiro Wilk Critical Value			0.908					Data Not Lognormal at 5% Significance Level	
54			Lilliefors Test Statistic			0.473					Lilliefors Lognormal GOF Test	
55			5% Lilliefors Critical Value			0.188					Data Not Lognormal at 5% Significance Level	
56			Data Not Lognormal at 5% Significance Level									
57												
58			<b>Lognormal Statistics</b>									
59			Minimum of Logged Data			-6.908				Mean of logged Data		-6.35
60			Maximum of Logged Data			-1.772				SD of logged Data		1.321
61												
62			<b>Assuming Lognormal Distribution</b>									
63			95% H-UCL			0.0102				90% Chebyshev (MVUE) UCL		0.00787
64			95% Chebyshev (MVUE) UCL			0.00967				97.5% Chebyshev (MVUE) UCL		0.0122
65			99% Chebyshev (MVUE) UCL			0.0171						
66												
67			<b>Nonparametric Distribution Free UCL Statistics</b>									
68			Data do not follow a Discernible Distribution (0.05)									
69												
70			<b>Nonparametric Distribution Free UCLs</b>									
71			95% CLT UCL			0.0235				95% Jackknife UCL		0.0242
72			95% Standard Bootstrap UCL			0.0232				95% Bootstrap-t UCL		0.202
73			95% Hall's Bootstrap UCL			0.157				95% Percentile Bootstrap UCL		0.0259
74			95% BCA Bootstrap UCL			0.0345						
75			90% Chebyshev(Mean, Sd) UCL			0.0344				95% Chebyshev(Mean, Sd) UCL		0.0453
76			97.5% Chebyshev(Mean, Sd) UCL			0.0605				99% Chebyshev(Mean, Sd) UCL		0.0902
77												
78			<b>Suggested UCL to Use</b>									
79			95% Chebyshev (Mean, Sd) UCL			0.0453						
80												
81			Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.									
82			Recommendations are based upon data size, data distribution, and skewness.									
83			These recommendations are based upon the results of the simulation studies summarized in Singh, Maichle, and Lee (2006).									
84			However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.									
85												

	A	B	C	D	E	F	G	H	I	J	K	L
1	<b>Outlier Tests for Selected Uncensored Variables</b>											
2	<b>User Selected Options</b>											
3	Date/Time of Computation	ProUCL 5.11/29/2020 10:09:28 AM										
4	From File	WorkSheet.xls										
5	Full Precision	OFF										
6												
7												
8	<b>Dixon's Outlier Test for Dieldrin (mg/Kg)</b>											
9												
10	Number of Observations =	21										
11	10% critical value:	0.391										
12	5% critical value:	0.44										
13	1% critical value:	0.524										
14												
15	<b>1. Observation Value 0.17 is a Potential Outlier (Upper T</b>											
16												
17	Test Statistic:	0.962										
18												
19	For 10% significance level, 0.17 is an outlier.											
20	For 5% significance level, 0.17 is an outlier.											
21	For 1% significance level, 0.17 is an outlier.											
22												
23	<b>2. Observation Value 0.001 is a Potential Outlier (Lower T</b>											
24												
25	Test Statistic:	0.000										
26												
27	For 10% significance level, 0.001 is not an outlier.											
28	For 5% significance level, 0.001 is not an outlier.											
29	For 1% significance level, 0.001 is not an outlier.											
30												

	A	B	C	D	E	F	G	H	I	J	K	L		
1	<b>UCL Statistics for Uncensored Full Data Sets</b>													
2														
3	User Selected Options													
4	Date/Time of Computation	ProUCL 5.11/29/2020 10:14:48 AM												
5	From File	WorkSheet.xls												
6	Full Precision	OFF												
7	Confidence Coefficient	95%												
8	Number of Bootstrap Operations	2000												
9														
10														
11	<b>Dieldrin - Minus Outlier (mg/Kg)</b>													
12														
13	<b>General Statistics</b>													
14	Total Number of Observations	20				Number of Distinct Observations				4				
15						Number of Missing Observations				0				
16		Minimum	0.001				Mean				0.00236			
17		Maximum	0.017				Median				0.001			
18		SD	0.00385				Std. Error of Mean				8.6196E-4			
19		Coefficient of Variation	1.637				Skewness				3.333			
20														
21	<b>Normal GOF Test</b>													
22		Shapiro Wilk Test Statistic	0.416				<b>Shapiro Wilk GOF Test</b>							
23		5% Shapiro Wilk Critical Value	0.905				Data Not Normal at 5% Significance Level							
24		Lilliefors Test Statistic	0.487				<b>Lilliefors GOF Test</b>							
25		5% Lilliefors Critical Value	0.192				Data Not Normal at 5% Significance Level							
26	Data Not Normal at 5% Significance Level													
27														
28	<b>Assuming Normal Distribution</b>													
29	<b>95% Normal UCL</b>						<b>95% UCLs (Adjusted for Skewness)</b>							
30		95% Student's-t UCL	0.00385				95% Adjusted-CLT UCL (Chen-1995)				0.00446			
31							95% Modified-t UCL (Johnson-1978)				0.00395			
32														
33	<b>Gamma GOF Test</b>													
34		A-D Test Statistic	5.567				<b>Anderson-Darling Gamma GOF Test</b>							
35		5% A-D Critical Value	0.766				Data Not Gamma Distributed at 5% Significance Level							
36		K-S Test Statistic	0.52				<b>Kolmogorov-Smirnov Gamma GOF Test</b>							
37		5% K-S Critical Value	0.199				Data Not Gamma Distributed at 5% Significance Level							
38	Data Not Gamma Distributed at 5% Significance Level													
39														
40	<b>Gamma Statistics</b>													
41		k hat (MLE)	1.084				k star (bias corrected MLE)				0.954			
42		Theta hat (MLE)	0.00217				Theta star (bias corrected MLE)				0.00247			
43		nu hat (MLE)	43.35				nu star (bias corrected)				38.18			
44		MLE Mean (bias corrected)	0.00236				MLE Sd (bias corrected)				0.00241			
45							Approximate Chi Square Value (0.05)				25.03			
46		Adjusted Level of Significance	0.038				Adjusted Chi Square Value				24.19			
47														
48	<b>Assuming Gamma Distribution</b>													
49		95% Approximate Gamma UCL (use when n>=50))	0.00359				95% Adjusted Gamma UCL (use when n<50)				0.00372			
50														
51	<b>Lognormal GOF Test</b>													
52		Shapiro Wilk Test Statistic	0.458				<b>Shapiro Wilk Lognormal GOF Test</b>							

