

# ENCON

## **PHASE I AND PHASE II ESA REPORT SUBSURFACE SOIL AND SOIL GAS INVESTIGATION**

### **Prepared for:**

KLARE Holdings and its Subsidiary  
3601 East First Street  
Los Angeles, California 90063  
Attention: Kyle Salyer, Director

### **For Property Located at:**

Covert Iron Works Facility  
7821-7835 Otis Avenue  
Cudahy, California 90201

### **Prepared by:**

ENCON Technologies, Inc.  
12145 Mora Drive, Unit #7  
Santa Fe Springs, California 90670  
Tel: (562) 777 - 2200  
Fax: (562) 777 - 2201  
E-mail: [encon@encontech.net](mailto:encon@encontech.net)

December 18, 2018

TABLE OF CONTENTS

	Page
EXECUTIVE SUMMARY.....	I
<b>1.0 INTRODUCTION.....</b>	<b>1</b>
1.1 SUBJECT PROPERTY AND CLIENT.....	1
1.2 PHASE I AND PHASE II ENVIRONMENTAL SITE ASSESSMENT MAJOR ELEMENTS.....	2
1.3 ENVIRONMENTAL SITE ASSESSMENT PURPOSE.....	3
1.4 SPECIAL TERMS AND CONDITIONS.....	4
1.5 ENVIRONMENTAL SITE ASSESSMENT LIMITATIONS AND EXCEPTIONS.....	4
<b>2.0 SITE DESCRIPTION.....</b>	<b>6</b>
2.1 LEGAL SITE DESCRIPTION.....	6
2.2 SUBJECT SITE USAGE.....	6
2.3 SITE PLAN.....	6
<b>3.0 HISTORICAL SITE RESEARCH AND USAGE.....</b>	<b>7</b>
3.1 HISTORICAL SITE USAGE OVERVIEW.....	7
3.2 LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS FILE REVIEW.....	7
3.3 CALEPA GEOTRACKER AND DTSC ENVIROSTOR FILE REVIEW.....	7
3.4 SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT PERMIT FILE REVIEW.....	7
3.5 DEPARTMENT OF TOXIC SUBSTANCES CONTROL HAZARDOUS WASTE RECORDS REVIEW.....	8
3.6 CERTIFIED SANBORN MAP REPORT SUMMARY.....	8
3.7 HISTORICAL AERIAL PHOTO REVIEW.....	8
3.8 TWINING, INC. PRELIMINARY GEOTECHNICAL REPORT, OCTOBER 2018.....	9
<b>4.0 ENVIRONMENTAL SETTING.....</b>	<b>10</b>
<b>5.0 INFORMATION FROM SITE RECONNAISSANCE.....</b>	<b>11</b>
5.1 GENERAL SITE WALK DESCRIPTION.....	11
5.2 ENVIRONMENTAL FIELD RECONNAISSANCE.....	11
<b>6.0 REGULATORY GOVERNMENT AGENCY RESEARCH.....</b>	<b>14</b>
6.1 DATABASE INFORMATION RESEARCH METHOD AND APPROACH.....	14
6.2 SUBJECT SITE FINDINGS.....	15
6.3 ADJACENT PROPERTIES SUMMARY OF FINDINGS BRIEF.....	15
<b>7.0 PHASE I ESA CONCLUSIONS AND RECOMMENDATIONS.....</b>	<b>16</b>
<b>8.0 EXPLORATORY SOIL AND SOIL GAS PHASE II INVESTIGATION.....</b>	<b>18</b>
8.1 INTRODUCTION.....	18
8.2 PHASE II ESA INVESTIGATION SAMPLING AND ANALYSIS.....	18
8.2.1 <i>Sampling and Analysis Plan</i> .....	18
8.2.2 <i>Sampling Plan and Boring Locations</i> .....	19
8.2.3 <i>Drilling, Soil Sampling and Field Methods</i> .....	20
8.2.4 <i>Drilling, Soil Gas Sampling and Field Methods</i> .....	21
8.2.5 <i>Laboratory Analytical Analyses</i> .....	22

<b>9.0</b>	<b>SUBSURFACE SOIL AND SOIL GAS INVESTIGATION RESULTS.....</b>	<b>23</b>
9.1	SOIL SAMPLE LABORATORY RESULTS.....	23
9.2	SUMMARY OF SOIL ANALYTICAL RESULTS.....	28
9.2.1	<i>Foundry Metal Work Process (REC #01).....</i>	<i>28</i>
9.2.2	<i>Foundry Metal Sand Casting Waste Material (REC #02).....</i>	<i>30</i>
9.2.3	<i>Former Gasoline and Diesel UST Tank Closure Investigation (REC #03).....</i>	<i>30</i>
9.2.4	<i>Undocumented Fill Investigation (REC #05).....</i>	<i>31</i>
9.3	SOIL GAS SAMPLE LABORATORY RESULTS.....	32
9.4	SUMMARY AND CONCLUSIONS OF SOIL GAS RESULTS.....	33
<b>10.0</b>	<b>CONCLUSIONS AND RECOMMENDATIONS.....</b>	<b>34</b>
10.1	SUBJECT SITE FACILITY PLANT ENVIRONMENTAL CONCERNS.....	34
10.2	MISCELLANEOUS FACILITY PLANT CONDITIONS OF CONCERN.....	36
10.3	RECOMMENDATIONS.....	37
<b>11.0</b>	<b>REPORT PREPARATION AND LIMITATIONS.....</b>	<b>39</b>

### ATTACHMENTS:

Attachment A Site Walk Photos

### FIGURES:

Figure 1	Site Vicinity Map
Figure 2	Site Map with Boring Locations
Figure 3	Arsenic Concentrations in Soil
Figure 4	Approximate Area of Undocumented Fill

### EXHIBITS:

Exhibit A	Property Legal Description
Exhibit B	City Directory Report, Aerial Photographs and Sanborn Map Report
Exhibit C	LA County DPW Permit Records, AQMD FIND Air Emission Permit Records, DTSC Hazardous Waste Disposal Records, and Twining, Inc. Geotechnical Findings Report, dated October 18, 2018
Exhibit D	EDR Radius Map Records
Exhibit E	Soil and Soil Gas Analytical Results

## EXECUTIVE SUMMARY

### 1.0 Introduction and Purpose

ENCON Technologies, Inc., Environmental & Engineering Services (ENCON), was retained by KLARE Holdings and its Subsidiary, Project Client and Potential Buyer, to perform a Phase I Environmental Site Assessment (ESA) and Phase II Subsurface Soil and Soil Gas Investigation in conformance with the scope and limitations of ASTM Practice E1527-13 and the USEPA Standards and Practices for "All Appropriate Inquires" (AAI, 40 CFR Part 312) for the industrial metal foundry facility located at 7821-7835 Otis Avenue in Cudahy, California (Subject Site). The site vicinity map is shown in Figure 1. The Phase I Environmental Site Assessment (ESA) site inspections, record review, and site evaluation were conducted by ENCON staff, under the direction of Mr. G. Joseph Scatoloni, Senior Environmental Professional and Registered Environmental Professional, #20150.

The Subject Site is comprised of four (4) parcels, assessor parcel numbers (APN) 6225-026-002, 6225-026-003, 6225-026-013 and 6225-026-014, with a building area of approximately 12,971 square feet located on a lot area of approximately 76,446 square feet. The building structures were constructed in 1928 and 1977, refer to Exhibit A for legal property descriptions and Figure 2 for Site Map showing the building footprint area. The Subject Site is located within a mixed industrial and residential area in the City of Cudahy, California, west of the 710 Freeway and north of the 105 Freeway, on the northwest corner of Otis Avenue and Elizabeth Street.

### 1.1 Subject Site Operation & History

The Subject Site is currently operated by **Covert Iron Works**. Covert Iron Works is a family operated business and has operated at the Subject Property since about 1951 through the present time and is an iron and steel works foundry that manufactures iron and steel castings and iron parts. The Subject Site includes the malleable iron foundry operation with a steel recycling operation, parts storage, parking lot area, and rear storage yard. As part of the operation, there is a 4,000 gallon electric generator diesel fuel supply underground storage tank (UST) and a 4,000 gallon gasoline UST. Previous uses at the Subject Site, based on ENCON's review of the Sanborn Map Report, included foundry and steel forming operations in 1929, similar to the operations performed by Covert Iron Works. Foundry uses typically include the following processes in their operation: pattern making, molding, pouring, and finishing the metal parts, core molding, melting of iron and steel pigs, billets and scrap, and transferring the melted metal in refractory lined ladles into the molds.



Based on ENCON's site inspection, performed on October 9, 2018, the activities conducted at the Subject Site include metal recycling, including the use of a sand material conveyer belt machine, numerous chemical drum storage at various stations, and a large above-ground storage tank (AST) for sand mold material. The major chemical hazards in foundry work are caused by fumes and dusts, vapors and molten metal. Dusts and fumes are generated by the machining, grinding and welding, as well as the sand blasting and potentially, any metal washing or coating operations, the sand and dust and vapors are then dispersed into the air that are harmful to the plant workers.

Historically, foundry operations would use various methods to suppress sand dust and fumes in the workplace that may include recycled waste water and/or spent waste and hydraulic oils as dust suppressant. These dust control methods can contain various hazardous chemical components, such as; hydrocarbon and chlorinated solvent volatile organic compounds, petroleum hydrocarbons in the heavy carbon range, and various metals. The metals of concern include: nickel, aluminum, copper, arsenic, copper, and iron. Therefore, the foundry plant dust is hazardous material and facility plant conditions is a RECs, requiring Phase II ESA investigation and decontamination prior to occupation by Others or redevelopment in the future.

These on-going metal foundry operations, which have been performed at the Subject Site for approximately 90 years, present various hazardous areas of concern and are considered RECs, requiring further investigation. The chemicals of concern in these malleable iron works operations are total petroleum hydrocarbons in the oil range (TPHo), semi-volatile organic compounds, or polycyclic aromatic hydrocarbons, (PAHs), CAM metals, and volatile organic compounds (VOCs). The 4,000 gallon diesel fuel UST tank was closed and abandoned in place using slurry fill in October 2007 and the 4,000 gallon gasoline UST fuel tank was closed and removed from the site in October 2007. However, there were no UST tank closure documents available that described the tank closure protocol or the conditions of these UST tank sites at the time of closure. Therefore, these UST tank sites are RECs and will require conformation soil testing. The soil samples will be analyzed for total petroleum hydrocarbons in the gasoline and diesel ranges (TPHg, TPHd) and aromatic hydrocarbons. Refer to Exhibit C for LA DPW records.

On October 18, 2018, a soils geotechnical site assessment was conducted by Twining Geotechnical Inc., (Twining) Long Beach, California on the Subject Site on the north portion of the Subject Property and the geotechnical findings in shallow soils beneath the north portion of the Subject Site to include the north yard and automotive repair center located at 7801 Otis Avenue revealed that undocumented fill was encountered between grade surface and 10 ft-bgs beneath the Subject Site. This fill material was partially composed of construction waste such as bricks, metal fragments, and black asphalt-like material that was most likely general waste debris from the adjacent Covert Iron Works facility, located at 7821 Otis Avenue that was used for backfill material in the past.

Based on a review of the historical aerial photos, the fill debris and material appears to have been placed beneath the north portion of the Subject Site at least 30 years ago. Due to the limited number of exploratory borings advanced on the Subject Site, Twining concluded that the undocumented fill area of concern warrants further investigation to define the extent of the undocumented fill material and determine whether the fill contains any hazardous materials. Refer to Exhibit C for the Twining Preliminary Geotechnical Findings Report, dated October 18, 2018. This undocumented fill is a REC, requiring further Phase II ESA subsurface investigation.

## 2.0 Phase I ESA Findings and RECs

In conducting the Phase I ESA, ENCON completed the review of local and regional government environmental records, historical tenant survey, site reconnaissance by an environmental professional, and an evaluation of the evidence collected during the site assessment. ENCON performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 for the Subject Site located at 7821-7835 Otis Avenue in Cudahy, California. Any exceptions to or deletions from this practice are described in this Phase I ESA Report.

Based on the Phase I ESA file review and field inspections, the following Recognized Environmental Concerns (RECs) and potential areas of environmental concern (AOC) were identified at the Subject Site:

1. **REC#01 – On-going iron work foundry and metal recycling operations performed at the Subject Site.** These on-going metal foundry operations, which have been performed at the Subject Site for approximately 90 years, since about 1929, present significant hazardous areas of concern and are considered RECs, requiring further investigation. The chemicals of concern in these operations are total petroleum hydrocarbons in the oil range (TPHo), CAM metals and volatile organic compounds (VOCs).
2. **REC #02 – Foundry Floor Sand Casting Excess Waste Material** - As part of the on-going metal foundry operations, which have been performed at the Subject Site for approximately 90 years, since about 1929, ENCON noted blacken “stained” sand like material on the foundry grade surface floors at the entire Subject Site 12,000 sq. ft plant, which presents significant hazardous areas of concern and are considered RECs, requiring further investigation. The chemicals of concern in these operations are total petroleum hydrocarbons in the oil range (TPHo), semi-volatile organic compounds, or polycyclic aromatic hydrocarbons (PAHs), and CAM metals.
3. **REC #03 – Historical Use of a Gasoline UST and Diesel UST at the Subject Site.** These historical underground storage tank (USTs) operations, including the storage of gasoline and diesel fuel, are considered a historical REC, which requires further investigation at this time. The chemicals of concern in these operations include total petroleum hydrocarbons in the gasoline range (TPHg) and diesel range (TPHd), metals, fuel additives and by-products (BTEX and oxygenates), and other volatile organic compounds (VOCs).

4. **REC #04 – Vapor Intrusion Concern (VIC) to Subject Site** – Based on the on-going and historical use of hazardous materials at the Subject Site, there is a potential for VOC vapor intrusion which may have impacted the existing metal work processing area and pose an limitation or restriction to the future development plan at the Subject Site. The chemicals of concern in this area are volatile organic compounds (VOCs) associated with wastewater and/or waste oils used in the metal process operations and/or sand dust control measures.
5. **REC #05 – Undocumented Fill Base Material** The undocumented fill material beneath the north portion of the Subject Property was partially composed of construction waste such as bricks, metal fragments, and black asphalt-like material that was most likely wastes from the iron works facility operations conducted at the site for approximately 70 years. These wastes generated at the Subject Site are suspected to include non hazardous materials and hazardous compounds associated with metals and carbon wastes with a composition of sand and general debris. The suspected chemicals of concern in the undocumented fill material are total petroleum hydrocarbons in the oil range (TPHo), semi-volatile organic compounds, or polycyclic aromatic hydrocarbons (PAHs), and CAM metals.

Based on ENCON's Phase I ESA findings and recommendations and the five (5) identified RECs, a Phase II ESA subsurface soil and soil gas investigation was conducted to confirm the presence, or absence, of chemical releases that may have adversely affected the Subject Site or limit the use of the property from these identified RECs. The Phase II ESA Investigation addressed both the threat to State groundwater and the vapor intrusion threat to the workers and public in a commercial or residential use setting since the Subject Site has been involved with volatile organic automotive chemicals and petroleum hydrocarbons in the waste oil and gasoline/diesel fuel hydrocarbon ranges as well as metal work operations. In addition, the Phase II ESA Investigation also addressed the undocumented fill found by Twining beneath the Subject Site north contiguous property located at 7801 Otis Avenue property. •

In addition, based on the age and condition of the building structure, suggests the paint surfaces may contain lead-based paint (LBP). Asbestos containing materials (ACM) in the ceiling, floor tiles, and other materials may be suspected because of the age of the structures as well. Any planned major building repair or demo in the future should involve a full LBP and ACM surveys. Please note that the lead and asbestos containing material(s) conditions of the properties were limited to general observations of exposed surface interior and exterior conditions and is not considered in this Phase I ESA as LBP or ACM surveys.

### 3.0 Phase II ESA Subsurface Investigation Results and Conclusions

ENCON submitted thirty-three (33) soil samples and five (5) soil gas samples for analysis using proper chain-of-custody procedures to a State certified analytical laboratory and analyzed representative samples for total petroleum hydrocarbons in the waste oil range (TPHo), gasoline range (TPHg) and diesel range (TPHd) using EPA Method 8015M, metals using EPA Method 6010, volatile organic compounds (VOCs) using EPA Method 8260B and polycyclic aromatic hydrocarbons (PAHs) using EPA Method 8270, in order to address RECs identified at the Subject Site. The analytical laboratory data report is provided in Exhibit E and the data is summarized in this report.

#### 3.1 Foundry Metal Work Process Area Investigation Summary of Findings (REC#01)

ENCON submitted nineteen (19) soil samples collected from shallow soils beneath the foundry plant floor to a California State certified laboratory, Eurofins Calscience, for analyses using proper sampling and chain-of-custody procedures. The samples were analyzed for petroleum hydrocarbon in the waste and hydraulic oil hydrocarbon ranges using EPA Method 8015, organic and chlorinated solvent VOCs using EPA Method 8260B, and metal analyses using proper sampling and chain-of-custody procedures for metal compounds using CA Title 22 CAM Metals, EPA methods 6010/7000 to address RECs/AOCs identified at the Subject Site.

All of the soil sample data obtained from the Subject Site Area of Concern (AOC) in the vicinity of the foundry metal work process plant, REC #01, were below detection limits for all petroleum hydrocarbons in the waste oil ranges and volatile organic compounds (VOCs). All of the metal concentrations in these areas were within normal background ranges for Southern California with the exception of elevated arsenic concentrations in SB3, SB4, SB5 and SB8, located in beneath the foundry metal work area, ranging from 12.1 mg/kg in SB5 at 3 feet below grade surface (bgs) to 14.5 mg/kg at 1 foot bgs in SB3, and the subsurface shallow soil was found to be affected to a depth of approximately 5 feet bgs. These arsenic concentrations are above State published screening levels (California Tier 1 SSL) for elevated arsenic in subsurface shallow soils in commercial or industrial settings of 0.31 mg/kg. Refer to Table 1 and Table 2 for soil data tables and Figure 3 for the estimated arsenic contamination AOC for elevated arsenic site conditions.

These elevated arsenic concentrations exceed the published residential setting ESL of 0.067 mg/kg mg/kg as well as the above the CalEPA DTSC's Arsenic Adjusted Background Concentration of 12 mg/kg allowable for commercial or residential use. This adjusted arsenic background concentration of 12 mg/kg, however, is based on a statistical study of sites throughout Southern California by CalEPA DTSC and this adjusted arsenic concentration is used as a screening level for anthropogenic and naturally occurring levels of arsenic in soils in Southern California. Since these elevated arsenic concentrations in shallow soils were found to be widespread beneath the foundry process footprint ranging from 8.21 mg/kg to 14.5 mg/kg, the elevated arsenic concentrations are most likely a result of the metal iron and steel recycling processing work and not naturally occurring. Refer to Figure 3 for estimated extent of arsenic contamination in soil.

The soil analytical results confirmed the presence of arsenic metal affected surficial and shallow soils (less than 3-5 feet bgs) beneath the approximate 15,000 square foot building foundry floor at the Subject Site and does not appear to extend beyond the boundaries of the building foundation. Specifically, the shallow soil elevated arsenic contamination release areas appear to be located in the south portion of the foundry and does pose a potential exposure and contact risk to the environmental, plant workers, and general public human health at this time. Refer to Figure 3 for the estimated arsenic contamination AOC for elevated arsenic above 12 mg/kg site conditions.

These Subject Site elevated arsenic concentrations in shallow soil are above State published soil screening levels and not acceptable for commercial/industrial or residential uses and specifically as related to direct exposure to plant workers or the public at this time. **The contaminated arsenic soil should be properly removed, profiled, and the contaminated soil transported and disposed at a State permitted disposal facility by a licensed hazardous waste contractor.**

### **3.2 Foundry Metal Sand Casting Waste Material Assessment (REC #02)**

ENCON submitted two (2) grab samples, collected from black stained sand waste debris located throughout the foundry plant floor, to a California State certified laboratory, Eurofins Calscience, for analyses using proper sampling and chain-of-custody procedures. The sand casting debris appears to be from the destruction and recovery of the sand molds used in the iron parts production, and a large quantity the quantity of sand waste was observed by ENCON. The samples were analyzed for petroleum hydrocarbon in the waste and hydraulic oil hydrocarbon ranges using EPA Method 8015, Semi-VOCs using EPA Method 8270, and metal analyses using proper sampling and chain-of-custody procedures for metal compounds using CA Title 22 CAM Metals, EPA Methods 6010/7000 to address sand debris waste material identified at the Subject Site. Petroleum hydrocarbon, TPHo, and naphthalene constituents were detected in the sand debris at 650 mg/kg and 2.7 mg/kg. **All of the metal concentrations were found to be within normal background ranges for Southern California to include arsenic levels.** Refer to Table 3 and Table 4 for sand debris data table.

Although these concentrations are below ESL Shallow Soil Exposure Levels, these data suggests that the sand waste debris was impacted by waste oil and most likely generated during the foundry metal work mold casting processing operations. **This waste sand material, however, is California regulated hazardous waste and the excess sand will have to be properly removed, profiled, and the contaminated sand transported and disposed at a State permitted disposal facility by a licensed hazardous waste contractor prior to demo of the building structures.** In addition, **the estimated twenty-five (25) 55-gallon drums of waste material observed on the Subject Property by ENCON will have to be properly removed, profiled, and the 55-gallon drums transported and disposed at a State permitted disposal facility by a licensed hazardous waste contractor.**

### 3.3 Former Gasoline and Diesel Fuel UST Tank Closure Investigations (REC #03)

A 4,000 gallon diesel fuel UST was closed and abandoned in place using slurry fill in October 2007, and a 4,000 gallon gasoline UST was closed and removed from the site around the same time, in October 2007. However, there were no UST tank closure documents available that described the tank closure protocol or the conditions of the UST tank sites at the time of closure. Therefore, these UST tank sites are RECs and will require conformation soil testing. The soil samples will be analyzed for total petroleum hydrocarbons in the gasoline and diesel ranges (TPHg, TPHd) and aromatic hydrocarbons. Refer to Exhibit C for LA DPW records.

ENCON submitted two (2) soil samples, collected from soils in the vicinity of the former gasoline and diesel USTs to a terminal depth of 20 feet bgs, to a California State certified laboratory, Eurofins Calscience, for analyses using proper sampling and chain-of-custody procedures. The samples were analyzed for petroleum hydrocarbon in the petroleum hydrocarbon ranges for gasoline and diesel fuel using EPA Method 8015 to confirm that the UST tank sites were closed with no evidence of residual fuel product contamination.

All of the soil sample data obtained from the UST Tank Site Areas of Concern (AOCs), REC #03, were below detection limits for all petroleum hydrocarbons in the gasoline and diesel hydrocarbon ranges. These soil data suggests that the UST tank sites were previously closed with no significant residual TPH contamination present in these AOCs, and no further investigations are warranted at this time. The 4,000 gallon former diesel UST tank that was abandoned in place, however, will be required to be removed properly by a licensed hazardous waste contractor, and the slurry fill material should be tested, removed, and manifested for disposal off-site as California regulated waste. Refer to Table 5 for soil data table.

### 3.4 Shallow Subsurface Soil Gas VOC Vapor Intrusion Investigation (REC #04)

ENCON submitted five (5) soil gas samples to a California State certified laboratory, Eurofins Calscience, for analyses using proper sampling and chain-of-custody procedures. The soil gas samples were analyzed for organic and chlorinated solvent and aromatic hydrocarbon compound VOCs using EPA Method 8260B, in order to address the metal work process area within the main 15,000 sq. ft. plant RECs/AOCs identified at the Subject Site. VOC compounds were detected in soil gas above detection limits for tetrachloroethylene (PCE), trichloroethylene (TCE), cis 1,2 DEC, trans 1,2 DEC, VC, benzene, ethylbenzene, toluene, and xylenes. All of the soil gas sample VOC data obtained from shallow soils beneath the building foundation floor were found to be generally at slightly elevated levels for chlorinated solvents and aromatic hydrocarbons typically found in waste oil materials and parts washing activities. Refer to Table 8 for details.



The PCE chlorinated solvent concentrations in these five sampled locations range from 0.012 µg/L to 0.57 µg/L. The shallow soil gas analytical results confirm the presence of VOC solvent and hydrocarbon chemicals in the soil beneath the 15,000 square foot building floor at the Subject Site, and the vapors do not appear to extend beyond the boundaries of the building foundation. Specifically, the shallow soil gas VOC contamination that were found in the main building metal work factory area were most likely caused by solvent spills and leaks over the past 70 years of operation at the Subject Site. The representative shallow soil gas sample VOC concentrations from SV1 through SV5 indicate that the trace levels of VOCs found beneath the main factory do not pose a significant Vapor Intrusion Concern to the Subject Property at this time although if the Subject Property is redeveloped in the future, further VOC subsurface investigation maybe warranted.

In the future the planned Subject Site redevelopment, further subsurface shallow soil gas investigation maybe required to delineate the vertical and lateral extent of the VOC contamination and the new building construction foundation plans may be required to develop and implement vapor intrusion remediation measures to fully remove all of the VOC residual chemical vapors from beneath the Subject Property and eliminate any potential vapor intrusion site conditions by a licensed environmental engineering and hazardous waste contractor.

### 3.5 Undocumented Fill Material Investigation and Disposal (REC #05)

The north portion of the Subject Property, including the auto service and repair center located at 7801 Otis Avenue, and the west storage yard area were initially reported by Twining Geotechnical (Twining) to contain undocumented fill material comprised of miscellaneous debris including: old bricks, glass, metal scrap, and black sand waste material from grade surface to approximately 10 feet bgs. In order to evaluate the undocumented fill material, ENCON advanced four (4) exploratory borings, visually inspected the core sampled material and confirmed that undocumented fill material was present on the south portion of the tested area, as shown in Figure 4.

Four (4) soil borings were advanced and eight (8) soil samples were collected at 5 feet bgs and 10 feet bgs. The soil samples were submitted to a California State certified laboratory, Eurofins Calscience, for analyses using proper sampling and chain-of-custody procedures. The soil samples were analyzed for petroleum hydrocarbon waste oil using EPA Method 8015, semi compound VOCs using EPA Method 8270, and CAM Metals using EPA Method 6010/7000 in order to address the undocumented fill material area. Most of the soil sample data obtained from soils beneath the targeted north portion of the Subject Property were below laboratory detection limits for waste oils and semi-volatile organic compounds and the metals were found to be within normal levels found in Southern California in natural soils as published by CalEPA DTSC. Refer to Table 6 and Table 7 for details.

Based on the undocumented fill investigation, soil boring FB4 in the equipment storage yard area and soil boring SB6 in the parking lot of the auto center, exhibited elevated waste oil concentrations, at 330 mg/kg, and arsenic and lead concentrations ranging up to 24.3 mg/kg and 159 mg/kg, respectively.

The shallow soil analytical results confirm the presence of undocumented fill material beneath the north yard and the auto repair center from grade surface to approximately 10 feet bgs as shown in Figure 4 at the Subject Site. The fill material appears to be limited to the north portion of the Subject Site and the debris was most likely generated and used as backfill by Covert Iron Work in the past at the Subject Site. Based on the limited targeted sampling data, the undocumented fill is generally non-hazardous material with isolated pockets of contaminated soil and debris of waste oils, lead, and arsenic.

The undocumented fill material does not pose a significant threat to the environment or the public at this time. However, as part of the future plans to develop the Subject Site for commercial or residential use, this undocumented fill material will be required to be removed and disposed off-site at a California permitted disposal facility. Further subsurface shallow soil and debris investigations may be required in order to delineate the vertical and lateral extent of the undocumented fill material and field testing should be conducted to remove contaminated soil and debris by a licensed environmental engineering and hazardous waste contractor.

## **4.0 Recommendations**

### **4.1 Subject Site Facility Plant Conditions of Concern**

The Phase I ESA and Phase II ESA Soil and Soil Gas Investigation performed at the Subject Site Covert Iron Works Facility, located at 7821-7835 Otis Avenue in the City of Cudahy, has been fully investigated by ENCON Technologies, Inc. (ENCON) in accordance with the Phase I ESA Recognized Environmental Conditions, RECs/VECs, per the ENCON Sampling and Analysis Plan, using soil and soil gas sampling methods. The Subject Site Phase II ESA Environmental Site Investigation was completed employing the ASTM E1527-13 real estate due diligence guidelines and the CalEPA California RWQCB current Tier 1 ESLs and the Interim Site Assessment & Cleanup Guidelines, dated May 1996.

The Phase II ESA Subsurface Shallow Soil and Soil Gas Investigation has confirmed that the past and current metal works operations conducted at the Subject Site for approximately 90 years have environmentally impacted the Subject Site and undocumented fill was used as backfill material on the north portion of the Subject Property. All of the TPH and VOC soil and soil gas data were found to be at slightly elevated levels and all of the metals were found to be within normal concentrations naturally found in Southern California Region except for elevated arsenic in shallow soils beneath the foundry floor.

Based on this data and information the following site environmental concerns are required to be further evaluated and addressed with the redevelopment of the Subject Site:

- 1) The foundry residual hazardous sand casting material waste impacted floor surface and sidewall structures will be required to be decontaminated to non hazardous conditions prior to occupancy or redevelopment and the 55-gallon waste drums will need to be profiled and removed from the Subject Property.



- 2) All of the undocumented fill material and debris will be required to be delineated and removed to a terminal depth of approximately 10 ft-bgs and the excavation backfilled with clean import prior to redevelopment construction.
- 3) The abandoned 4,000 gallon former diesel fuel slurry filled UST tank will be required to be excavated, removed and disposed by a licensed environmental contractor prior to redevelopment.
- 4) The current 4,000 gallon gasoline UST tank will be required to properly removed and closed in accordance with Los Angeles County DPW UST tank closure guidelines by a licensed environmental contractor in the near future since the UST tank system is currently not in use.
- 5) The arsenic contaminated soil present beneath the foundry floor will be required to be further delineated and removed to an estimated depth of approximately 5 ft-bgs and backfilled with clean import prior to redevelopment construction

Specifically, the metal iron work and steel recycling operations has impacted the shallow soils beneath the Subject Site with elevated arsenic metal concentrations, trace levels of PCE and daughter chemicals, as well as aromatic hydrocarbon solvent compounds. The contamination appears to be contained within the boundaries of the existing footprint of the main building as shown in Figure 3 in the shallow soils, approximately top 3 to 5 feet bgs. Refer to Figure 3 for estimated extent of arsenic and VOC contamination.

These elevated arsenic concentrations in shallow soils appear to have been caused by the metal steel and iron work steel recycling operations and/or foundry processes or dust suppression activities and are above State published arsenic soil screening levels of 12 mg/kg at this time. The primary environmental concern is related to the site shallow soil conditions associated with metal arsenic impacted soil and direct soil contact exposure by occupants or the public. The contaminated arsenic soil should be properly removed, profiled, and the contaminated soil transported and disposed at a State permitted disposal facility by a licensed hazardous waste contractor.

Although the slightly elevated VOCs detected in soil gas presents a potential vapor intrusion exposure risk to the occupants or the public within an enclosed building structure, the VOC concentrations are within acceptable published Tier 1 SSLs at this time and no further investigations are required at this time. Further soil and soil gas investigation, however, maybe warranted during rough grading construction and remedial engineering controls or measures should be evaluated at that time.

The elevated waste oil, arsenic and lead concentrations indicate that the Subject Site has been adversely affected by the on-going foundry operations and undocumented back-fill material present at the Site. The elevated arsenic concentrations in soil exceed the normal background ranges of 12 mg/kg and the elevated lead concentrations exceed the acceptable residential setting ESL and 80 mg/kg, and the soils in these areas should be removed and properly disposed at a State permitted facility by a licensed hazardous waste contractor. Refer to Figure 3 for estimated extent of arsenic contamination in soil and Figure 4 for estimated extent of lead contamination in soil.

The Subject Site is acceptable for the current industrial use. If, however, the site is redeveloped, all of the waste debris and the top 10 feet of contaminated undocumented soil should be properly removed and profiled, and the contaminated waste transported to a State permitted disposal facility and the concrete debris is recycled at a disposal facility by a licensed hazardous waste contractor. In addition, upon demolition of the building area, the contractor and other workers should be aware of the potential health hazards in the ground covering within the building area.

#### 4.2 Miscellaneous Facility Plant Conditions of Concern

The following recommendations are provided based on the Phase II ESA Investigations:

- 1) **Former UST Fuel Tanks** – All of the soil sample data obtained from the former UST Tank Site Areas of Concern (REC #03) for the 4,000 gallon gasoline fuel tank and the 4,000 gallon diesel fuel tank were below detection limits for all petroleum hydrocarbons in the gasoline and diesel hydrocarbon ranges. These soil data suggests that the UST tank sites were previously closed with no significant residual TPH contamination present in these AOCs and no further investigations are warranted at this time. The 4,000 gallon former diesel UST tank that was abandoned onsite in-place, however, will be required to be removed properly by a licensed hazardous waste contractor and the slurry fill material tested, removed, and manifested for disposal off-site as California regulated waste.
- 2) **Decontaminate Foundry – Sand Casting Waste Debris and Drum Waste Management and Disposal** – Blackened, stained, and contaminated casting sand (REC #02) covering all of the floors and walls inside the main building will be required to be properly managed and disposed and facility carefully “decontaminated (decon)” to non hazardous conditions employing proper safety and personal protection equipment practices under the supervision of a licensed hazardous waste contractor. The data suggests that the sand casting waste debris was impacted by waste oil and most likely generated during the foundry metal work mold casting processing operations.

The large quantity of sand waste material present at the Subject Site is California regulated waste and the excess sand waste will have to be properly removed, profiled, and the contaminated sand transported and disposed at a State permitted disposal facility by a licensed hazardous waste contractor prior to demo of the building structures. In addition, the estimated 25 55-gallon drums of waste material observed on the Subject Property by ENCON will have to be properly removed, profiled, and the 55-gallon drums transported and disposed at a State permitted disposal facility by a licensed hazardous waste contractor.

- 3) **Undocumented Fill Material Assessment and Disposal** – The soil analytical results from the northern yard area (REC #05) confirm the presence of undocumented fill material beneath the north yard and the auto repair center from grade surface to approximately 10 feet bgs, as shown in Figure 4. The fill material appears to be limited to the north portion of the Subject Site and is most likely caused from debris generated and used as backfill by Covert Iron Works in the past at the Subject Site. Based on the limited targeted sampling data, the undocumented fill is generally non-hazardous material with isolated pockets of contaminated soil and debris of waste oils, lead, and arsenic.

The undocumented fill material does not pose a significant threat to the environment or the public at this time. However, with the future plans to develop the Subject Property, this undocumented fill material will be required to be removed and disposed off-site at a California permitted disposal facility. Further subsurface shallow soil and debris investigations may be required to delineate the vertical and lateral extent of the undocumented fill material, and field testing should be conducted to remove contaminated soil and debris by a licensed environmental engineering and hazardous waste contractor.

It is the professional opinion of ENCON Technologies, Inc. (ENCON) that no further investigations are necessary at this time and the Subject Site is suitable for the current metal works foundry industrial use. If, however, the Subject Site is renovated or redeveloped, the Subject Property will require further investigations and remediation as well as the facility will be required to be decontaminated to non-hazardous site conditions. Specifically, the new construction plans will require both arsenic soil remedial excavation and further vapor intrusion mitigation assessment by a licensed environmental contractor, in order to eliminate these potential environmental threats to the occupants and the environment using appropriate administrative or engineering controls, i.e.; VOC vapor barrier and remedial soil excavation as specified in a Soils Management Plan (SMP).

In addition, the northern yard area at the Subject Site is acceptable for redevelopment with the provision that all of the undocumented fill material and debris be fully delineated for hazardous material composition and properly removed and exported to an off-site permitted landfill for disposal by a licensed hazardous waste contractor. In addition, ENCON recommends performing an additional subsurface soil investigation to delineate the extent of the undocumented fill at the Subject Site, and determine the corrective actions required to make the Subject Site suitable for redevelopment in the near future.

# ENCON

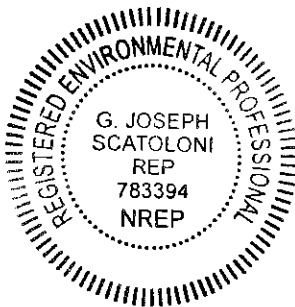
Based on the age of the building structure, constructed in 1928/1977, and observations made by ENCON during the recent site inspection, there is a high potential for asbestos containing building materials (ACM) and lead based paint materials (LBP) present at the Subject Site that are evidence of suspected RECs and potential contingent environmental liability although no survey or testing were completed as part of this Phase I ESA Report. ENCON recommends that an asbestos ACM and lead LBP surveys be performed prior any major demolition or renovation of the Subject Property are performed.

Prepared by:

ENCON Technologies, Inc.



G. Joseph Scatoloni, ENCON Senior Principal  
Registered Environmental Professional #783394



## 1.0 INTRODUCTION

### 1.1 Subject Property and Client

ENCON Technologies, Inc., Environmental & Engineering Services (ENCON), was retained by KLARE Holdings and its Subsidiary, Project Client and Potential Buyer, to perform a Phase I Environmental Site Assessment (ESA) and Phase II Subsurface Soil and Soil Gas Investigation in conformance with the scope and limitations of ASTM Practice E1527-13 and the USEPA Standards and Practices for "All Appropriate Inquires" (AAI, 40 CFR Part 312) for the multi-tenant automotive service garage located at 7821-7835 Otis Avenue in Cudahy, California (Subject Site). The site vicinity map is shown in Figure 1. The Phase I Environmental Site Assessment (ESA) site inspections, record review, and site evaluation were conducted by ENCON staff, under the direction of Mr. G. Joseph Scatoloni, Senior Environmental Professional and Registered Environmental Professional, #20150.

The Subject Site is comprised of four (4) parcels, assessor parcel numbers (APN) 6225-026-002, 6225-026-003, 6225-026-013 and 6225-026-014, with a building area of approximately 12,971 square feet located on a lot area of approximately 76,446 square feet. The building areas were constructed in 1928 and 1977, Refer to Exhibit A for legal property descriptions and Figure 2 for Site Map showing the building area. The Subject Site is located within a mixed industrial and residential area in the City of Cudahy, California, west of the 710 Freeway and north of the 105 Freeway, on the northwest corner of Otis Avenue and Elizabeth Street.

The Subject Site is currently operated by Covert Iron Works, since about 1951 through the present time. Covert Iron Works operates a metal forming and recycling facility, parking lot area, and rear storage yard. Previous uses at the Subject Site, based on ENCON's review of the Sanborn Map Report, include iron casting foundry and steel forming operations in 1929, similar to the operations performed by Covert Iron Works. Foundry uses typically include the following processes in their operation: pattern making, molding, pouring, and finishing the metal parts, core molding, melting of iron and steelpigs, billets and scrap, and transferring the melted metal in refractory lined ladles into the molds.

Based on ENCON's site inspection, performed on October 9, 2018, the activities conducted at the Subject Site include metal recycling, including the use of a material conveyer belt machine, chemical drum storage, and above-ground storage tank (AST) for sand fill material. The major chemical hazards in foundry work are caused by fumes and dusts, vapors and molten metal. Dusts and fumes are generated by the machining, grinding and welding, as well as the sand blasting and coating operations, the sand and dust is then dispersed into the air. Historically, foundry operations would use spent waste oil as a dust suppressant, which can contain other hazardous components, such as semi-volatile organic compounds, or polycyclic aromatic hydrocarbons (PAHs). In addition, the machines and equipment servicing and operation include the use of waste oils and other solvents used in parts washing.

These on-going metal foundry operations, which have been performed at the Subject Site for approximately 90 years, present significant hazardous areas of concern and are considered RECs, requiring further investigation. The chemicals of concern in these operations are total petroleum hydrocarbons in the oil range (TPHo), total petroleum hydrocarbons in the gasoline range (TPHg), semi-volatile organic compounds, or polycyclic aromatic hydrocarbons, (PAHs), CAM metals and volatile organic compounds (VOCs).

## 1.2 Phase I and Phase II Environmental Site Assessment Major Elements

The Client has requested this Phase I Environmental Site Assessment and Phase II Subsurface Soil Investigation for a real estate transaction purposes. The purpose of the Phase I ESA report is to identify all known and suspected Recognized Environmental Conditions (RECs) in connection with subject property. A REC is defined as the presence, or likely presence, of any hazardous or California regulated substances to include petroleum products in, on, or present at the subject property due to past or present releases into the structures on the property or into the ground, groundwater, or surface water associated with the property under conditions indicative of a past or current unauthorized release to the environment or pose a material threat of a future release to the environment. Hazardous material releases that do not present a material risk to the public or the environment and generally would not be subject to regulatory enforcement or are identified as *de minimis conditions* and not classified as a REC, requiring intrusive further investigation.

The E-1527-13 ASTM Standard has developed various categories of Recognized Environmental Conditions (RECs) in connection with the subject property environmental assessment to include: a) Controlled Recognized Environmental Conditions (CRECs) and b) Historical Recognized Environmental Conditions (HRECs) as well as c) Vapor Intrusion Conditions (VICs) and Vapor Encroachment Conditions (VECs) (ASTM E-2600-08).

- a) Controlled Recognized Environmental Conditions (CRECs) is 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 which may have allowed hazardous substances to remain in place subject to the implementation of required institutional or engineering controls or restricted use (NFA with conditions, low-threat site closure, or risk based closures)
- b) Historical Recognized Environmental Conditions (HRECs) is 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 without subjecting the property to any controls or limitations or restrictions. (NFA with no conditions, change in regulatory criteria or sampling methods or analysis)
- c) Vapor Intrusion Conditions (VICs) and/or Vapor Encroachment Conditions (VECs) is a REC resulting from the presence or likely presence of any chemicals of concern (COCs) in the indoor air environment of an existing or planned building structure on a property caused by the release of volatile organic compound (VOCs) vapors from contaminated soil or groundwater either on the property (VICs) or within close proximity to the property (VECs), at concentrations that present or may present an unacceptable health risk to the occupants or tenants.

A Phase I Environmental Site Assessment is comprised of five (5) primary elements: (1) review of available government records and associated databases for evidence of possible environmental contamination; (2) site reconnaissance through a site walk of the property; (3) limited interview with current owners and/or occupants of the property as well as with various appropriate local government agency representatives; (4) review of available historical tenant and aerial maps to define past uses of the site; and (5) an evaluation of the evidence obtained during the site assessment.

A review of the available records was conducted using government databases by Environmental Data Resource, Inc. (EDR) radius maps, historical tenant survey, the Regional water Quality Control Board files, South Coast Air Quality Management District files, and Department of Toxic Substances Control files.

### **1.3 Environmental Site Assessment Purpose**

Under the federal Comprehensive Environmental Response, Compensation and Liability Act (CERCLA, or "Superfund"), owners of property where hazardous substances have been released, including deposited or disposed of, are strictly liable for the costs of response and cleanup. This liability generally extends to landowners who have or received title after the release has occurred, unless the landowner can demonstrate that at the time of acquisition or leasing, he had no knowledge or reason to know of the release or disposal.

Such an "innocent landowner" or "innocent purchaser" must meet certain statutory requirements and bears the burden of proof in establishing this defense. Specifically, the landowner must demonstrate that prior to the sale or acquisition or leasing, he undertook "all appropriate inquiry into the previous ownership and uses of the property consistent with good industrial customary practice in effort to minimize liability".<sup>1</sup> As a result of this potential contingent liability, essentially all non-residential real estate transactions now include a Phase I Environmental Site Assessment and a Phase II Environmental Site Assessment, as needed to complete the environmental site assessment evaluation.

The American Society for Testing and Materials (ASTM) has published a standard defining recommended elements to be included in a Phase I assessment. No legal standard currently exist, however, defining a site assessment. According to the ASTM standard<sup>2</sup>, the goal of the Phase I ESA is to identify recognized site environmental conditions which may suggest or indicate an existing release, a past release, or a material threat of a release of any hazardous substances or petroleum products into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with laws.<sup>3</sup>

The purpose of a Phase I ESA is to assist the owner, purchaser or lender qualify for the innocent landowner defense by providing reliable, early information on the environmental condition of the property and the possible need for additional evaluations and investigations, referred to as a Phase II. For reference purposes, Phase I involves non intrusive investigation methods which are designed to identify the most common contamination sources and conditions while the Phase II is designed to verify the presence, or absence of the contamination and characterize the nature and extent of the contamination using the Phase I findings. Phase III covers the actual site mitigation and/or remediation (cleanup) based on the information derived in the Phase II investigation.

A Phase I ESA entails non intrusive research to identify areas of potentially significant liability for the current or prospective owner or operator. The conditions identified in the Phase I which suggest possible onsite contamination are described in the Phase I ESA report and the client is notified that further investigations may be warranted to confirm the existence, or absence, of the suspected contamination. Therefore, one of the primary purposes of the Phase I ESA is to evaluate the need for more intrusive Phase II investigations.

The Phase I findings and recommendations reflect the professional judgments made by the assessment team based on observations of the site and a thorough review of available agency and other historical records. The Phase I Environmental Site Assessment conducted at this property has been performed to meet the ASTM 1527-13 standard.

## **1.4 Special Terms and Conditions**

The lead and asbestos containing material(s) conditions of the properties were limited to general observations of exposed surface interior and exterior conditions and is not considered in this Phase I ESA as LBP or ACM surveys. The ages and conditions of the building structures, constructed in 1928 and 1977, when asbestos containing material (ACM) and lead based paint (LBP) were extensively used in the construction industry, the Subject Site structure is assumed to contain asbestos and lead based paint materials. The Subject Site buildings were not tested for asbestos and lead based paint related to older construction materials although the overall surface conditions observed by ENCON were in fair condition at this time.

## **1.5 Environmental Site Assessment Limitations and Exceptions**

Consistent with customary Phase I practice and the ASTM 2013 standard, the subject property environmental assessment included a preliminary site walk inspection, but the potential presence of lead or contamination in the groundwater, nor was the quality of the property's drinking water evaluated in this Phase I environmental site assessment. No land survey of the property was made by ENCON or environmental liens or restriction were researched or presented in this Phase I ESA. Any statement of dimensions, capacities, quantities or distances should be considered as approximate in this assessment and the report.



ENCON assumed that there are no hidden, or latent environmental conditions or defects in or of the property, subsoil, structures, other than those noted herein. No responsibility for such conditions or for their repair is assumed by ENCON. In addition, information, estimates, and opinion furnished to ENCON and contained in this report were assumed to be provided from reliable sources believed to be true and correct. Therefore, ENCON assumes no further responsibility for the accuracy of this information since no independent investigation was conducted to substantiate this information.

A Phase I Environmental Site Assessment is not an audit. Although such a compliance audit may sometimes be useful in connection with step-out/step-in or acquisition of a commercial or industrial property, an audit involves an extensive review and scrutiny of current and past records as well as a more expanded agency review effort.

---

<sup>1</sup> CERCLA 42USC9601(35)(B)

<sup>2</sup> Standard Practice ASTM E-1527-13, page 1

<sup>3</sup> Phase I ESA Scope, Section 6.0, page 11

<sup>4</sup> Phase I ESA Report Preparation, Section 11.0, page 37

**2.0 SITE DESCRIPTION**

**2.1 Legal Site Description**

The Subject Site is comprised of four (4) parcels, assessor parcel numbers (APN) 6225-026-002, 6225-026-003, 6225-026-013 and 6225-026-014, with a building area of approximately 12,971 square feet located on a lot area of approximately 76,446 square feet. The building areas were constructed in 1928 and 1977, Refer to Exhibit A for legal property descriptions and Figure 2 for Site Map showing the building area. The Subject Site is located within a mixed industrial and residential area in the City of Cudahy, California, west of the 710 Freeway and north of the 105 Freeway, on the northwest corner of Otis Avenue and Elizabeth Street.

**2.2 Subject Site Usage**

Based on the EDR City Directory Historical Tenant Report Survey, the Subject Site was reported to operate in the following manner. Refer to Exhibit B for Historical Tenant Reports.

**7821 Otis Avenue**

<u>Year</u>	<u>Tenant</u>	<u>Source</u>
2018	Covert Iron Works	ENCON Inspection
1990	Covert Iron Works	Pacific Bell
1986	Covert Iron Works	Pacific Bell
1971	Covert Iron Works	Pacific Telephone
1951	Otis HtgPrk Covert Iron Works	Pacific Telephone & Telegraph Co.

**7835 Otis Avenue**

<u>Year</u>	<u>Tenant</u>	<u>Source</u>
2018	Covert Iron Works	ENCON Inspection
2000	Covert Walter	Haines & Company

**2.3 Site Plan**

A site plan of the present general layout of the Subject Site is shown in Figure 2.

### **3.0 HISTORICAL SITE RESEARCH AND USAGE**

#### **3.1 Historical Site Usage Overview**

The State and local CUPA regulatory agency files were reviewed for the subject site from the Los Angeles County Department of Public Works (LA DPW), State Regional Water Quality Control Board, South Coast Air Quality Management District (AQMD), and the Department of Toxic Substances Control (DTSC). Refer to Exhibit C for government file review reports. In addition, the public record reports and documents requested from EDR included: Sanborn Maps and Aerial Photographs, which were also reviewed by ENCON. Refer to Exhibit B for EDR historical records. These files and documents are presented in the following sections.

#### **3.2 Los Angeles County Department of Public Works File Review**

Permit files were reviewed for the Subject Site through County Los Angeles Department of Public Works (LA DPW) records. Based on ENCON's review of the available files, as well as ENCON's visual inspection of the Subject Site, there were two (2) USTs operated at the Subject Site.

One (1) UST reportedly stored diesel fuel and was closed in place using slurry fill, and the second UST reportedly stored gasoline fuel and was removed from the site. Both tanks were closed, or removed, in about October 2007. Refer to Exhibit C for LA DPW records.

#### **3.3 CalEPA Geotracker and DTSC Envirostor File Review**

The Subject Site properties were not reported on any State regulatory list as a LUST, permitted UST facility, or DTSC Cleanup site on Geotracker or Envirostor public files.

#### **3.4 South Coast Air Quality Management District Permit File Review**

Permit files were reviewed for the Subject Site properties through South Coast Air Quality Management District's (AQMD's) Facility Information Detail (FIND) database. There are twenty-five (25) air emission permits for the Subject Site from about 1980 to the present time in 2018. A summary of the AQMD records is listed below and provided Exhibit C for reference.

##### **Active AQMD Permits:**

- Foundry sand molding, cold forming process
- Baghouse
- Sand handling
- Abrasive blasting
- Core oven
- Furnace

## **Inactive AQMD Permits:**

- Gasoline dispensing
- Sand handling equipment
- Scrubber
- Gasoline service station and dispensing
- Abrasive blasting
- Core oven
- Bag house

## **3.5 Department of Toxic Substances Control Hazardous Waste Records Review**

The historical hazardous waste disposal records were requested from the State of California EPA Department of Toxic Substances Control (DTSC) for the Subject Site. No hazardous waste disposal records were found for the Subject Site. Refer to Exhibit C for details.

## **3.6 Certified Sanborn Map Report Summary**

A Certified Sanborn Map Report was prepared on October 5, 2017 by EDR. The Sanborn Library was searched by EDR and maps covering the Subject Site and the neighboring properties, and the following maps were identified for 1929, 1950, and 1966. Refer to Exhibit B for Sanborn Map report.

In 1929, the Subject Site is shown as foundry with an open yard area. Other sites in the area are listed as vacant or dwellings.

In 1950, the Subject Site building area appears to have been expanded and is noted as a foundry and finishing of steel plasters. The surrounding properties are vacant or dwellings.

In 1966, the Subject Site building area appears to have been expanded again and is noted as a foundry and finishing of steel plasters. The surrounding properties are vacant or dwellings.

## **3.7 Historical Aerial Photo Review**

The EDR Historical Aerial Photo Package is a screening tool designed to assist the environmental professional in evaluating the targeted and neighboring properties over the period of 1928 through 2012. Refer to Exhibit B for aerial photos for 1923, 1928, 1938, 1947, 1952, 1963, 1970, 1979, 1983, 1989, 1994, 2002, 2005, 2009, 2012 and 2016. The following observations were made from the aerial photos:

In 1923, the Subject Site appears to be a vacant lot. The surrounding properties are vacant or residential in nature.

In 1928, the Subject Site appears to have been developed with a building area on the southern portion of the site. The surrounding properties are mostly vacant or residential in nature.

In 1938, the Subject Site remains about the same. The surrounding properties are mostly residential in nature.

In 1947, the Subject Site building area appears to have been expanded. The surrounding properties remain mostly residential with some commercial properties.

From 1952 through 1970, the Subject Site remains about the same. The surrounding area continues residential and commercial development.

In 1979, the Subject Site yard area appears to have been developed for a parking / work area. The surrounding properties remain about the same.

From 1983 through 2016 – The Subject Site property remains about the same, and the surrounding properties also remain the same, commercial and residential in nature.

### **3.8 Twining, Inc. Preliminary Geotechnical Report, October 2018**

A preliminary geotechnical report was prepared for the northern yard area of the Subject Site by Twining, Inc. on October 18, 2018. Based on Twining's report, the following findings were provided. Refer to Exhibit C for full report.

- Five (5) exploratory borings were advanced at the Site to a total depth of approximately 51.5 feet below grade surface (bgs).
- In general, the materials encountered at the Site were fill and Alluvium soil below the fill. However, in Borings B-1, B-2 and B-3, within the northern half of the Subject Site, approximately 10 feet of undocumented fill was encountered. The undocumented fill was partially comprised of construction wastes, such as bricks, metal fragments, and a black asphalt-like material, which is most likely waste from the iron works facility, located at 7821 Otis Avenue.
- Twining, Inc. recommended that additional investigation be performed to delineate the extent of the undocumented fill, and to sample the fill for hazardous materials.
- Groundwater was not encountered during the investigation.

#### 4.0 ENVIRONMENTAL SETTING

The Subject Site lies on the Los Angeles County Coastal Plain of the Los Angeles Basin. The Los Angeles Basin is the region between the southern margin of the San Gabriel Mountains and the Pacific Ocean and is generally considered to be bounded on the west by the Simi Hills, Ventura Basin and the western portion of the Santa Monica Mountains; on the east it is bounded by the Santa Ana Mountains. The Los Angeles Basin is further subdivided into a northeastern, northwestern, and Southwestern and Central blocks.

This site falls within the Central Block. The Central Block is an area bounded on the north and east by the Elysian Hills, the Repetto Hills and the Puente Hills. It is bounded on the northwest by the Santa Monica Fault and the Santa Monica Mountains. To the Southwest it is bounded by the Newport-Englewood Fault Zone and terminates against the Santa Ana Mountains to the east, in Orange County. The surface of the Central Block in the site vicinity is named the "Downey Plain".

The Subject Site is at an elevation of approximately 110 feet above sea level (asl) and is situated within the Central Basin Pressure Area of the Los Angeles Basin. In the Central Basin Pressure Area, the groundwater is under confined conditions. The shallow subsurface alluvial sediments in the vicinity of the Subject Site are a mixture of sands, gravels, silts and clays that sometimes carry sufficient water for it to be known as a semi-perched aquifer. Perched groundwater is present in the vicinity of the Subject Site at a depth ranging from about 28 to 30 feet below grade. (Waterstone, 2012).

**5.0 INFORMATION FROM SITE RECONNAISSANCE**

**5.1 General Site Walk Description**

A site walk was conducted by G. Joseph Scatoloni, REA II and Senior Environmental Engineer, on October 9, 2018. The property was made available by the Mr. Dan Morrarr, Project Client Representative. See Attachment A for photos taken during site walk.

**5.2 Environmental Field Reconnaissance**

Property Address: 7821-7835 Otis Avenue  
 City: Cudahy  
 County: Los Angeles  
 State: California 90201  
 Prepared for: KLARE Holdings and its subsidiaries (Project Client)

Property Is:  Vacant land,  Vacant property,  
 Improved,  Occupied  
 Type Is:  Residential,  Commercial,  
 Industrial (light),

**GENERAL FIELD OBSERVATIONS**

Were there any physical signs of the following observed on the subject property?

Use: yes, no or none, unknown (UK).

Yes            Underground Storage Tanks (USTs)?  
Yes            Evidence of former USTs?

Based on ENCON's site inspection and review of files available at Los Angeles County Department of Public Works (LA DPW), there were two (2) USTs operated at the Subject Site. One (1) UST reportedly stored diesel fuel and was closed in place using slurry fill, and the second UST reportedly stored gasoline fuel and was removed from the site. Both tanks were closed or removed in about October 2007. Refer to Exhibit C for LA DPW records.

Yes            Above Ground Tanks (ASTs)?

Based on ENCON's site inspection, the Subject Site currently operates an above ground storage tank (AST) which is reportedly filled with sand. The AST is approximately 50 feet tall and is located in the warehouse portion of the facility.

No            Vent Pipes?  
No            Fill Ports?

# ENCON

None Water wells, monitoring wells, or borings?

Yes 55-Gallon drums containing hazardous materials?

During ENCON's site inspection, numerous 55-gallon drums were within the building area and yard area at the Subject Site. Refer to Attachment A for site photos.

Yes Containers?

During ENCON's site inspection, one (1) 250 gallon hazardous material tote was noted in the yard area. Refer to Attachment A for site photos.

None Paint spray booths or painting enclosures

No Open trash?

No Discarded batteries?

No 3-Stage clarifier?

No Septic tank?

No Streams, Lakes or ponds?

No Pits, ponds or lagoons for waste treatment or storage

UK Oil stained soil, concrete, or drains?

During the site inspection, ENCON noted dark, stained sand in the building area. The staining could come from waste oil.

No Chemically etched and damaged concrete?

No Poor surface conditions, asphalt or concrete?

No Chemical odors detected?

No Vegetation damage, showing distressed or dying vegetation?

No Oily sheen on water in sumps,

None Uneven settling or unexplainable grade changes?

No Abandoned pits, ponds, or lagoons?

No Old electric transformers, electric devices, light ballasts or hydraulic fixtures?

None Pesticide or herbicide containers, or any noticeable pesticide odors?

Yes Suspected Lead Paint Hazard?

Age of the building materials (1928/1977) suggests the presence of lead based paint (LBP).

Yes Suspected Asbestos Containing Material (ACM)?

Age of the building materials (1928/1977) suggests the presence of ACM.

None Visual Signs of Mold and/or Water Damage

NA Radon Screening Been Conducted?

If so, Explain.



**NEIGHBORING AND ADJACENT PROPERTIES**

- Yes Any evidence of neighboring adjacent properties engaged in storing, transporting or producing waste, chemicals or hazardous materials?
- Yes Any activities of adjacent properties may pose potential environmental risks to the subject property?
- No Adjoining or close proximity neighboring properties used as a gasoline station, motor repair, commercial printing, dry cleaner, photo developing lab or landfill?

**Yes** – Undocumented fill base material was found beneath the Subject Property yard from grade surface to approximately 10 feet below grade surface (bgs) during a geotechnical soils testing performed by Twining Geotechnical in October 2018. This undocumented fill material was partially composed of construction waste such as bricks, metal fragments, and black asphalt-like material that was most likely wastes from the Covert Iron Works Facility at the Subject Site. These wastes generated at the Subject Site are suspected to include hazardous compounds associated with metals and carbon wastes with a composition of sand and general debris. Further subsurface investigations are warranted to define the extent and hazardous content of this undocumented fill as well as properly remove and dispose the undocumented fill debris and material required to make the Subject Site suitable for re development in the near future.

## 6.0 REGULATORY GOVERNMENT AGENCY RESEARCH

### 6.1 Database Information Research Method and Approach

ENCON contracted with Environmental Data Resources (EDR) to review databases maintained by the federal, state, and local regulatory agencies for the Subject Site located at 7821-7835 Otis Avenue in Cudahy, California. This review was designed to identify facilities and properties recently or currently under investigation for environmental contamination within a specific radius of the subject site. Additionally, this search noted any reported hazardous waste sites, landfills, Superfund sites, or businesses generating or treating hazardous wastes within the radius area. Finally, records of spills and other types of releases of hazardous materials were reviewed for properties within a smaller radius. Refer to Exhibit D for government file research reports.

ENCON does not assert to the completeness or accuracy of the database report. ENCON's review is therefore only as current and accurate as that provided in the database report and this may not cover all known or potential hazardous waste or contaminated sites. Further, there may be errors in the data base information reported for a site resulting from a number of different operations involved in processing the search. These errors could result in a site being included in the database due to a similar street name as a street within the search radius, when in fact the site is outside the search distance for the report. Additionally, a site within the search area may be omitted resulting from errors in the data entry phase of the search process. While ENCON does periodically spot check review the database reports against other available information from other agencies and field inspections to improve quality assurance and control, the accuracy and completeness of each report cannot be guaranteed by ENCON.

Therefore, the following information is a tabulation and interpretation of this provided in data, based on a careful evaluation of the database reports, maps, knowledge of the area and region, and professional judgment about the potential environmental conditions. A complete copy of the regulatory agency database search report is provided in this report, refer to Exhibit D. The site information map, contained in the database report, illustrates the location of the subject site relative to the listed properties that are discussed and reviewed in the following section.

In each case, the radius distance from the subject site was chosen on the basis of the potential hazard that identified neighboring properties could pose to the subject property, the type of information provided, and the extent of overlap with other, more extensive databases. The resulting database search provided information that meets or exceeds the ASTM requirements. The data of the most recent update for each database is noted parenthetically below, following a description of the database. The name, address, status, and distance from the subject site for each site identified by the database are also given.

The results are organized by listings cited that were identified on a particular database. Since some of the sites appear on more than one database, these sites may be listed more than once. A summary of the environmental conditions of these sites are described below and in the following manner; according to closest proximity to the subject site and the topographic gradient (up-gradient, cross-gradient, and down-gradient). The subject site is summarized initially followed by the adjacent sites. The database detailed information is provided in Exhibit D and specific page number is noted in the following summary sheets for reference purposes.

This information is presented to aid in the assessment of potential impact to the subject site from groundwater contamination. This groundwater information is based on the best available hydrogeology data and that the direction of groundwater flow in the shallow aquifer generally follows the topography in the general area.

## **6.2 Subject Site Findings**

The government record review for the Subject Site confirmed that Covert Iron Works was listed on the government environmental database for reported hazardous chemical material, waste uses or releases to the environment or regulatory corrective actions. Based on the radius map, the Subject Site property is listed as an Active Underground Storage Tank (UST) site, a Haznet site, and a NPDES facility (stormwater monitoring). Refer Exhibit D for the EDR Radius Map Report.

These classifications confirm that the operations performed at the Subject Site included the storage, use and generation of hazardous materials. The chemicals of concern in these operations are total petroleum hydrocarbons in the oil range (TPHo), total petroleum hydrocarbons in the gasoline range (TPHg), semi-volatile organic compounds, or polycyclic aromatic hydrocarbons, (PAHs), CAM metals and volatile organic compounds (VOCs). These types of operations and chemicals pose a potential risk to the environment and are recognized environmental concerns (RECs).

## **6.3 Adjacent Properties Summary of Findings Brief**

Based on a review of the EDR Radius Map for potential environmental risk sites within 1/8 mile of the Subject Site, there are four (4) neighboring facilities listed with regulatory cleanup actions resulting from unauthorized releases of hazardous materials that may pose a risk to the subject property. The list includes, but is not limited to, UST sites, leaking underground storage tank (LUST) sites, historical automotive sites and Haznet sites.

ENCON reviewing the off-site facilities and from the list, none of the properties are located immediately adjacent to the Subject Site, which limits the potential encroachment concerns to the Subject Site. Therefore, it is ENCON's professional opinion that these off-site properties do not pose an environmental risk to the Subject Site. Refer to Exhibit D for Radius Map Report.

## 7.0 PHASE I ESA CONCLUSIONS AND RECOMMENDATIONS

In conducting the Phase I ESA, ENCON completed the review of local and regional government environmental records, historical tenant survey, site reconnaissance by an environmental professional, and an evaluation of the evidence collected during the site assessment. ENCON performed this Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 for the Subject Site located at 7821-7835 Otis Avenue in Cudahy, California. Any exceptions to or deletions from this practice are described in this Phase I ESA Report.

Based on the Phase I ESA file review and field inspections, the following Recognized Environmental Concerns (RECs) and potential areas of environmental concern (AOC) were identified at the Subject Site:

1. **REC#01 – On-going foundry and metal recycling operations performed at the Subject Site.** These on-going metal foundry operations, which have been performed at the Subject Site for approximately 90 years, since about 1929, present significant hazardous areas of concern and are considered RECs, requiring further investigation. The chemicals of concern in these operations are total petroleum hydrocarbons in the oil range (TPHo), CAM metals and volatile organic compounds (VOCs).
2. **REC #02 – Foundry Floor Sand Casting Excess Waste Material.** As part of the on-going metal foundry operations, which have been performed at the Subject Site for approximately 90 years, since about 1929, ENCON noted blackened sand casting material on the floors and walls at the Subject Site, which presents significant hazardous areas of concern and are considered RECs, requiring further investigation and a major decontamination effort. The chemicals of concern in these operations are total petroleum hydrocarbons in the oil range (TPHo), semi-volatile organic compounds, or polycyclic aromatic hydrocarbons (PAHs), and CAM metals.
3. **REC #03 – Historical use of a gasoline UST and diesel UST at the Subject Site.** These historical underground storage tank (USTs) operations, including the storage of gasoline and diesel fuel, are considered a historical REC, which requires further investigation at this time. The chemicals of concern in these operations include total petroleum hydrocarbons in the gasoline range (TPHg) and diesel range (TPHd), metals, fuel additives and by-products (BTEX and oxygenates), and other volatile organic compounds (VOCs).
4. **REC #04 – Vapor Intrusion Concern (VIC) to Subject Site –** Based on the on-going and historical use of hazardous materials at the Subject Site, there is a potential for vapor intrusion which may impact the existing tenant spaces, or any future developments at the Subject Site. The chemicals of concern in this area are volatile organic compounds (VOCs)

5. **REC #05 – Undocumented Fill Base Material.** This undocumented fill material was partially composed of construction waste such as bricks, metal fragments, and black asphalt-like material that was most likely wastes from the iron works facility operations conducted at the site for approximately 90 years. These wastes generated at the Subject Site are suspected to include hazardous compounds associated with metals and carbon wastes with a composition of sand and general debris. The chemicals of concern in these operations are total petroleum hydrocarbons in the oil range (TPHo), semi-volatile organic compounds, or polycyclic aromatic hydrocarbons (PAHs), and CAM metals.

Based on ENCON's Phase I ESA findings and recommendations and the five (5) identified RECs listed above, a Phase II ESA subsurface soil and soil gas investigation was recommended to confirm the presence, or absence, of chemical releases that may have adversely affected the Subject Site or limit the use of the property from these identified RECs. The Phase II ESA Investigation shall address both the threat to State groundwater and the vapor intrusion threat to the workers and public in commercial or residential use settings since the Subject Site has been involved with metals, volatile organic compounds, semi-volatile organic compounds, or polycyclic aromatic hydrocarbons (PAHs), and petroleum hydrocarbons in the waste oil, gasoline and diesel hydrocarbon ranges. In addition, the Phase II ESA Investigation shall also address the undocumented fill beneath the Subject Property.

## 8.0 EXPLORATORY SOIL AND SOIL GAS PHASE II INVESTIGATION

### 8.1 Introduction

Based on the Phase I ESA performed by ENCON, the following Recognized Environmental Conditions (RECs) were identified at the Subject Site. These RECs pose a potential environmental risk to the Subject Site, requiring further investigation. Refer to Figure 2 for Site Map and Sampling Plan, which shows the areas of concern (AOC). Based on these identified RECs, ENCON developed a Phase II ESA Sampling and Analysis Plan (SAP) to determine whether hazardous chemicals used in the on-going foundry and metal recycling operations have adversely affected the Subject Site environmental site conditions.

### 8.2 Phase II ESA Investigation Sampling and Analysis

#### 8.2.1 Sampling and Analysis Plan

The SAP was developed to address the subsurface soil and soil vapor site conditions associated with the identified RECs and potential areas of concern (AOCs), to define risk to the environment and occupants of the subject property. The constituents of concern in these areas include: metals, petroleum hydrocarbons in the waste oil (TPHo), gasoline (TPHg) and diesel (TPHd) ranges, volatile organic compounds (VOC) and semi-volatile organic compounds, or polycyclic aromatic hydrocarbons (PAHs). The Phase II ESA Subsurface Soil and Soil Gas Investigation scope of work includes the following tasks:

1. **REC #01 – On-going foundry and metal recycling operations performed at the Subject Site.** ENCON advanced twelve (12) soil borings (SB1, SB3, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB12, SB13, SB14) to a total depth of approximately 5 feet below grade surface (bgs) using a truck mounted Geoprobe drill rig, or limited access Geoprobe 540 MT drill rig, as needed. Soil samples were collected at varying depths, including samples at 1 foot, 3 feet and 5 feet bgs in these sampling locations.
2. **REC #02 – Foundry Floor Sand Casting Excess Waste Material.** ENCON collected two (2) ground samples (GS1 and GS2) of sand debris waste within the building area.
3. **REC #03 – Historical use of a gasoline UST and diesel UST at the Subject Site.** ENCON advanced two (2) soil borings (SB2 and SB11) in the vicinity of the former slurry filled diesel UST and closed gasoline UST to a depth of 20 feet bgs using a truck mounted Geoprobe drill rig. Soil samples were collected at 10 feet and 20 feet bgs from these sampling locations.
4. **REC #04 – Vapor Intrusion Concern (VIC).** ENCON advanced five (5) soil gas locations within the building area (SV1, SV2, SV3, SV4 and SV5) to a depth of 5 feet bgs using a truck mounted Geoprobe drill rig, or limited access Geoprobe 540 MT drill rig, as needed. Soil gas samples were collected at 5 feet bgs in these sampling locations.

5. **REC #05 – Undocumented Fill Base Material.** ENCON advanced four (4) soil borings (FB1, FB2, FB4 and FB5) to a total depth of approximately 10 feet below grade surface (bgs) using a truck mounted Geoprobe drill rig. Soil samples were collected at 5 feet and 10 feet bgs in these sampling locations.

ENCON submitted thirty-three (33) soil samples and five (5) soil gas sampling for analysis using proper chain-of-custody procedures to a State certified analytical laboratory and analyzed representative samples for total petroleum hydrocarbons in the waste oil range (TPHo), gasoline range (TPHg) and diesel range (TPHd) using EPA Method 8015M, metals using EPA Method 6010, volatile organic compounds (VOCs) using EPA Method 8260B and polycyclic aromatic hydrocarbons (PAHs) using EPA Method 8270, in order to address RECs identified at the Subject Site. The analytical laboratory data report is provided in Exhibit E and the data is summarized in this report.

## 8.2.2 Sampling Plan and Boring Locations

Prior to field drilling, ENCON marked each boring location and the Subject Site utilities were surveyed and cleared using US Dig Alert. The boring locations may be adjusted in this pre drilling period to ensure safety and proper clearances.

Geoprobe sampling locations were selected based on the results of the historical review of the available documents and the areas targeted of hazardous materials storage or usage. The sampling was conducted primarily to evaluate areas where hazardous materials were used and/or released at the Subject Site.

The soil boring data evaluated in this Phase II ESA investigation consists of the following targeted areas. Refer to Figure 2 for Sampling Location Map.

Site Area Description	Boring IDs	Sampling Depth (Feet bgs)	Analyses
REC #01 – On-going foundry and metal recycling operations	SB1, SB7	5 feet	TPH Waste Oil using EPA Method 8015M and VOCs using EPA Method 8260B
	SB3, SB4, SB5, SB6	1 foot and 3 feet	TPH Waste Oil using EPA Method 8015M and VOCs using EPA Method 8260B
	SB8, SB9, SB10	2 feet and 5 feet	TPH Waste Oil using EPA Method 8015M, VOCs using EPA Method 8260B and Metals using EPA Method 6010
	SB12, SB13, SB14	5 feet	VOCs using EPA Method 8260B

REC #02 – Foundry Floor Sand Casting Excess Waste Material	GS1 and GS2	Ground surface	TPH Waste Oil using EPA Method 8015M, PAHs using EPA Method 8270 and Metals using EPA Method 6010
REC #03 – Historical use of a gasoline UST and diesel UST	SB2	10 feet and 20 feet	TPH Diesel using EPA Method 8015M
	SB11	10 feet and 20 feet	TPH Gasoline using EPA Method 8015M
REC #05 – Undocumented Fill reported by Twining Geotechnical Soils Testing	FB1, FB2, FB4 and FB5	5 feet	TPH Waste Oil using EPA Method 8015M, PAHs using EPA Method 8270 and Metals using EPA Method 6010
		10 feet	TPH Waste Oil using EPA Method 8015M and Metals using EPA Method 6010

The soil gas boring data evaluated in this Phase II ESA investigation consists of the following targeted areas:

Site Area Description	Boring IDs	Sampling Depth (Feet bgs)	Analyses
REC #04 – Vapor Intrusion Concern (VIC)	SV1, SV2, SV3, SV4 and SV5	5 feet	VOCs using EPA Method TO-15.

### 8.2.3 Drilling, Soil Sampling and Field Methods

Eighteen (18) exploratory soil borings and two (2) ground surface samples were advanced between November 26 and November 29, 2018 as described above under the direction Mr. G. Joseph Scatoloni, ENCON Registered Environmental Professional. Soil borings SB1, SB3, SB4, SB5, SB6, SB7, SB8, SB9 and SB10 were advanced within the building area near the processing areas and waste drum storage areas at the Subject Site. Soil borings SB12, SB13 and SB14 were advanced along the exterior of the building area in the vicinity of the waste oil drum storage areas. Soil borings SB2 and SB11 were advanced in the vicinity of the slurry filled diesel UST and closed gasoline UST, respectively, and soil borings FB1, FB2, FB4 and FB5 were advanced in the northern yard area as an additional investigation of the undocumented fill.

Finally, the ground surface samples (GS1 and GS2) were collected from the ground covering within the building area. All of the soil borings were advanced using a Geoprobe 540 MT limited access direct push drill rig, or a truck mounted Geoprobe drill rig. The soil samples were collected with a 1” diameter by 30 inch removable acetate liner from each sampling interval. Each liner was cut at both ends and the center 6” portion of the liner was capped on both ends with Teflon and plastic caps.



All sampling equipment was properly cleaned between sample intervals and boring locations. The sampling equipment was cleaned using a triple rinse decontamination process consisting of a phosphate free primary wash (Alconox or TSP), a secondary stage with a low pH water to reduce the likelihood cross-contamination (mild solution of nitric acid  $\text{HN03}$ ), and a tertiary rinse using de-ionized water. Soil samples were visually inspected in the field for traces of contamination. Groundwater was not encountered during drilling.

Upon collection, all soil and surficial material samples were labeled, recorded on a chain-of-custody document, and placed in cold storage until delivered to a state-certified laboratory for analysis. Samples were collected in accordance with accepted EPA Sampling Protocol and handled according to standard EPA chain-of-custody procedures. No evidence of subsurface contamination odors or discoloration in soils was indicated in the borings or soil cuttings. No groundwater or saturated zones were encountered during the drilling at any depth. Soil boring locations are illustrated in Figure 2.

#### **8.2.4 Drilling, Soil Gas Sampling and Field Methods**

On November 27, 2018, five (5) soil gas probes (SV1, SV2, SV3, SV4 and SV5) were installed using a truck mounted Geoprobe drill rig or a Geoprobe 540 MT limited access direct push, as needed. The soil gas probes were installed at a depth of 5 feet bgs in the interior of the building area. All of the soil gas probes consisted of an air diffuser connected to ¼" diameter polyethylene flex tubing that extended to above the grade surface for sampling. The space surrounding the diffusers was filled with fine sand and sealed to the near surface with bentonite chips and water treatment.

The soil gas sampling probes were allowed to equilibrate and sampling was conducted by applying a vacuum and collecting vapor samples. After each probe was allowed to equalized, soil gas sample was extracted using a Xitech Model 1060H 1-Liter High Vac Bag Sampler vacuum pump and sampling box drawing air from the subsurface through the poly tubing and filling a Tedlar bag located inside the Sampler Box, upstream from the pump. The samples were collected after purging at least 7 pore volumes by the Field Technician.

### 8.2.5 Laboratory Analytical Analyses

Thirty-three (33) soil samples and four (4) soil gas samples were collected and submitted to a California State certified laboratory for analyses using proper sampling and chain-of-custody procedures for the constituents of concern (COCs): total petroleum hydrocarbons in the waste oil range (TPHo), gasoline range (TPHg) and diesel range, metals, volatile organic compounds (VOCs) and polycyclic aromatic hydrocarbons (PAHs). The soil and soil gas samples were analyzed for the COCs as follows:

- 1) **REC #01 – On-going Foundry and Metal Recycling Operations Performed at the Subject Site.** Nineteen (19) soil samples were collected from SB1, SB3, SB4, SB5, SB6, SB7, SB8, SB9, SB10, SB12, SB13 and SB14 from the following depths: soil samples were collected from SB1, SB7, SB12, SB13 and SB14 at 5 feet bgs, from SB3, SB4, SB5 and SB6 at 1 foot and 3 feet bgs, from SB8 and SB10 at 2 feet and 5 feet bgs, and from SB9 at 2 feet and 4 feet bgs. Selected soil samples were submitted for analysis for total petroleum hydrocarbons in the waste oil range (TPHo), metals, and VOCs).
- 2) **REC #02 – Foundry Floor Sand Casting Excess Waste Material.** Two (2) ground samples (GS1 and GS2) were collected from blacked sand debris within the building area. The ground samples were submitted for analysis for TPHo, PAHs and metals.
- 3) **REC #03 – Historical Use of a Gasoline UST and Diesel UST at the Subject Site.** Four (4) soil samples were collected from SB2 and SB11, at 10 feet and 20 feet bgs in each located. Soil samples collected from SB2 were analyzed for total petroleum hydrocarbons in the diesel range (TPHd) and soil samples collected from SB11 were analyzed for total petroleum hydrocarbons in the gasoline range (TPHg).
- 4) **REC #04 – Vapor Intrusion Concern to Building Area.** Five (5) soil gas samples were collected (SV1, SV2, SV3, SV4 and SV5) from 5 feet bgs. The soil gas samples were analyzed for VOCs.
- 5) **REC#05 - Undocumented Fill Material Testing:** Eight (8) soil samples were collected from FB1, FB2, FB4 and FB5, at 5 feet and 10 feet bgs in each located. The 5 foot soil samples were analyzed for total petroleum hydrocarbons in the oil range (TPHo), PAHs and metals. The 10 foot soil samples were analyzed for TPHo and metals.

The analytical laboratory reports are provided in Exhibit E for reference purposes, and the Sampling Plan is provided in Figure 2.

**9.0 SUBSURFACE SOIL AND SOIL GAS INVESTIGATION RESULTS**

**9.1 Soil Sample Laboratory Results**

Thirty-three (33) soil samples were submitted to a State-Certified analytical laboratory, accredited under the Environmental ELAP for analysis. The soil results are summarized in Table 1 through Table 7 below. The complete laboratory analytical reports are provided in Exhibit E for reference.

**Table 1: REC #01 – On-going Foundry and Metal Recycling Operations**

Sample ID	TPHo Petroleum Hydrocarbon (mg/kg)	Volatile Organic Compounds (VOCs) (ug/kg)	Metals (mg/kg)
SB1-5	ND	ND	NA
SB3-1	ND	NA	See Table 2
SB3-3	ND	NA	See Table 2
SB4-1	ND	NA	See Table 2
SB4-3	ND	NA	See Table 2
SB5-1	ND	NA	See Table 2
SB5-3	ND	NA	See Table 2
SB6-1	ND	NA	See Table 2
SB6-3	ND	NA	See Table 2
SB7-5	ND	ND	NA
RL	26.0	5.0	1.0

Note:

ND – Not detected above laboratory reporting limits

RL – Laboratory reporting limit

NA – Not analyzed for this constituent

**Table 1: REC #01 – On-going Foundry and Metal Recycling Operations (Continued)**

Sample ID	TPHo Petroleum Hydrocarbon (mg/kg)	Volatile Organic Compounds (VOCs) (ug/kg)	Metals (mg/kg)
SB8-2	ND	ND	See Table 2
SB8-5	ND	ND	See Table 2
SB9-2	ND	ND	See Table 2
SB9-4	ND	ND	See Table 2
SB10-2	ND	ND	See Table 2
SB10-5	ND	ND	See Table 2
SB12-5	NA	ND	NA
SB13-5	NA	ND	NA
SB14-5	NA	ND	NA
RL	26.0	5.0	1.0

Note:

ND – Not detected above laboratory reporting limits

RL – Laboratory reporting limit

NA – Not analyzed for this constituent

**Table 2: REC #01 – Soil Sample Analytical Results CA Title 22 CAM Metals (mg/kg)**

Sample ID	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Nickel	Vanadium	Zinc
SB3-1	14.5	156	18.3	12.5	21.4	ND	14.4	39.1	65.6
SB3-3	12.8	168	19.6	13.4	24.2	ND	15.8	42.0	70.3
SB4-1	14.2	176	19.7	13.5	24.4	ND	15.8	42.9	70.0
SB4-3	13.4	174	19.3	12.8	26.5	ND	16.1	40.9	64.0
SB5-1	10.1	129	15.1	11.0	17.2	ND	12.0	33.2	57.0
SB5-3	12.1	142	18.1	12.9	23.0	ND	14.8	40.5	64.7
SB6-1	9.27	120	13.8	10.1	15.3	ND	10.9	30.4	56.7
SB6-3	8.89	118	13.7	10.1	15.1	ND	10.9	30.7	52.2
SB8-2	12.6	154	18.2	12.2	22.6	3.57	14.3	39.1	81.7
SB8-5	13.1	185	19.3	12.9	23.2	ND	15.7	39.9	64.4
SB9-2	8.39	157	18.6	12.7	23.3	ND	14.5	40.4	72.3
SB9-4	9.25	181	19.6	12.4	26.5	ND	16.1	41.5	67.8
SB10-2	9.29	188	20.7	13.3	29.9	0.69	17.4	44.1	75.6
SB10-5	8.21	142	17.7	11.5	20.2	ND	13.8	37.2	63.3
<b>RL</b>	<b>1.0</b>	<b>0.5</b>	<b>0.25</b>	<b>0.25</b>	<b>0.5</b>	<b>0.5</b>	<b>0.25</b>	<b>0.25</b>	<b>1.0</b>
<b>Residential Tier 1 ESLs</b>	<b>0.067</b>	15,000	100,000	23.0	3,100	80	820	390	23,000
<b>Industrial Tier 1 ESLs</b>	<b>0.310</b>	220,000	100,000	350	47,000	320	11,000	5,800	350,000
<b>DTSC Background</b>	<b>12.0</b>								

Note:

ND – Not detected above laboratory Reporting Limits

RL – Laboratory reporting Limit

DTSC Background – Arsenic Adjusted Background Concentration of 12 mg/kg was based on statistical study of sites throughout Southern California as reported by CalEPA DTSC. This arsenic concentration is used as a screening level for anthropogenic and naturally occurring levels of arsenic in soil in Southern California.

**Table 3: REC #02 – Foundry Floor Sand Casting Excess Waste Material**

Sample ID	TPHo Petroleum Hydrocarbon (mg/kg)	Naphthalene (PAHs) (mg/kg)	Metals (mg/kg)
GS1	550	2.7	See Table 4
GS2	640	1.9	See Table 4
RL	26.0	1.0	1.0

Note:

ND – Not detected above laboratory reporting limits

RL – Laboratory reporting limit

**Table 4: REC #02 – Soil Sample Analytical Results CA Title 22 CAM Metals (mg/kg)**

Sample ID	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Nickel	Vanadium	Zinc
GS1	1.20	31.1	4.12	1.06	7.89	2.27	2.39	2.24	56.5
GS2	0.91	31.1	2.59	1.16	5.95	2.30	2.10	2.70	29.0
RL	1.0	0.5	0.25	0.25	0.5	0.5	0.25	0.25	1.0
Residential Tier 1 ESLs	0.067	15,000	100,000	23.0	3,100	80	820	390	23,000
Industrial Tier 1 ESLs	0.310	220,000	100,000	350	47,000	320	11,000	5,800	350,000
DTSC Background	12.0								

Note:

ND – Not detected above laboratory Reporting Limits

RL – Laboratory reporting Limit

DTSC Background – Arsenic Adjusted Background Concentration of 12 mg/kg was based on statistical study of sites throughout Southern California as reported by CalEPA DTSC. This arsenic concentration is used as a screening level for anthropogenic and naturally occurring levels of arsenic in soil in Southern California.

**Table 5: REC #03 – Historical Use of a Gasoline UST and Diesel UST at the Subject Site**

Sample ID	TPHg Petroleum Hydrocarbons (Gasoline) (mg/kg)	TPHd Petroleum Hydrocarbons (Diesel) (mg/kg)
SB2-10	NA	ND
SB2-20	NA	ND
SB11-10	ND	NA
SB11-20	ND	NA
RL	0.5	5.0

Note:

ND – Not detected above laboratory reporting limits

RL – Laboratory reporting limit

NA – Not analyzed for this constituent

**Table 6: REC #05 – Undocumented Fill Material Testing**

Sample ID	TPHo Petroleum Hydrocarbons (mg/kg)	Semi-Volatile Organic Compounds (SVOCs) (mg/kg)	Metals (ug/kg)
FB1-5	ND	ND	See Table 7
FB1-10	ND	NA	See Table 7
FB2-5	ND	ND	See Table 7
FB2-10	ND	NA	See Table 7
FB4-5	ND	ND	See Table 7
FB4-10	ND	NA	See Table 7
FB5-5	ND	ND	See Table 7
FB5-10	ND	NA	See Table 7
RL	26.0	0.1	1.0

Note:

ND – Not detected above laboratory reporting limits

RL – Laboratory reporting limit

NA – Not analyzed for this constituent

**Table 7: REC #05 – Soil Sample Analytical Results CA Title 22 CAM Metals (mg/kg)**

Sample ID	Arsenic	Barium	Chromium	Cobalt	Copper	Lead	Nickel	Vanadium	Zinc
FB1-5	6.23	173	19.4	13.5	23.5	ND	15.5	42.6	65.0
FB1-10	8.27	176	20.0	14.8	25.6	ND	16.6	47.8	69.6
FB2-5	5.80	183	19.7	13.9	25.1	ND	16.0	42.9	68.5
FB2-10	3.34	121	13.7	9.44	14.4	ND	10.6	30.8	51.1
FB4-5	6.24	526	19.5	8.52	199	159	14.7	26.3	422
FB4-10	3.51	113	11.8	10.0	12.4	ND	9.54	28.0	44.8
FB5-5	8.85	209	22.0	14.8	30.6	ND	17.6	50.8	73.3
FB5-10	6.90	170	19.5	14.3	25.2	ND	16.2	45.3	68.4
RL	1.0	0.5	0.25	0.25	0.5	0.5	0.25	0.25	1.0
Residential Tier 1 ESLs	0.067	15,000	100,000	23.0	3,100	80	820	390	23,000
Industrial Tier 1 ESLs	0.310	220,000	100,000	350	47,000	320	11,000	5,800	350,000
DTSC Background	12.0								

Note:

ND – Not detected above laboratory Reporting Limits

RL – Laboratory reporting Limit

DTSC Background – Arsenic Adjusted Background Concentration of 12 mg/kg was based on statistical study of sites throughout Southern California as reported by CalEPA DTSC. This arsenic concentration is used as a screening level for anthropogenic and naturally occurring levels of arsenic in soil in Southern California.

## 9.2 Summary of Soil Analytical Results

### 9.2.1 Foundry Metal Work Process (REC #01)

ENCON submitted nineteen (19) soil samples collected from shallow soils beneath the foundry plant floor to a California State certified laboratory, Eurofins Calscience, for analyses using proper sampling and chain-of-custody procedures. The samples were analyzed for petroleum hydrocarbon in the waste and hydraulic oil hydrocarbon ranges using EPA Method 8015, organic and chlorinated solvent VOCs using EPA Method 8260B, and metal analyses using proper sampling and chain-of-custody procedures for metal compounds using CA Title 22 CAM Metals, EPA methods 6010/7000 to address RECs/AOCs identified at the Subject Site.



All of the soil sample data obtained from the Subject Site Area of Concern (AOC) in the vicinity of the foundry metal work process plant, REC #01, were below detection limits for all petroleum hydrocarbons in the waste oil ranges and volatile organic compounds (VOCs). All of the metal concentrations in these areas were within normal background ranges for Southern California with the exception of elevated arsenic concentrations in SB3, SB4, SB5 and SB8, located in beneath the foundry metal work area, ranging from 12.1 mg/kg in SB5 at 3 feet below grade surface (bgs) to 14.5 mg/kg at 1 foot bgs in SB3, and the subsurface shallow soil was found to be affected to a depth of approximately 5 feet bgs. Refer to Table 1 and Table 2 for soil data tables and Figure 3 for the estimated arsenic contamination AOC for elevated arsenic site conditions.

These elevated arsenic concentrations exceed the published residential setting ESL of 0.067 mg/kg as well as above the CalEPA DTSC's Arsenic Adjusted Background Concentration of 12 mg/kg allowable for residential and commercial use. This adjusted arsenic background concentration of 12 mg/kg is based on a statistical study of sites throughout Southern California by CalEPA DTSC and this adjusted arsenic concentration is used as a screening level for anthropogenic and naturally occurring levels of arsenic in soils in Southern California. Since these elevated arsenic concentrations in shallow soils were found to be widespread beneath the foundry process footprint, ranging from 8.21 mg/kg to 14.5 mg/kg, the elevated arsenic concentrations are most likely a result of the metal iron and steel recycling processing work and not naturally occurring. Refer to Figure 3 for estimated extent of arsenic contamination in soil.

The soil analytical results confirmed the presence of arsenic metal affected surficial and shallow soils (less than 3-5 feet bgs) beneath the approximate 15,000 square foot building foundry floor at the Subject Site and does not appear to extend beyond the boundaries of the building foundation. Specifically, the shallow soil elevated arsenic contamination release areas appear to be located in the south portion of the foundry and does pose a potential exposure and contact risk to the occupants and general public human health at this time. Refer to Figure 3 for the estimated arsenic contamination AOC for elevated arsenic above 12 mg/kg site conditions.

These Subject Site elevated arsenic concentrations in shallow soil are above State published soil screening levels and not acceptable for residential or commercial use, specifically as related to direct exposure to occupants or the public at this time. The contaminated arsenic soil should be properly removed, profiled, and the contaminated soil transported and disposed at a State permitted disposal facility by a licensed hazardous waste contractor.

### **9.2.2 Foundry Metal Sand Casting Waste Material (REC #02)**

ENCON submitted two (2) grab samples, collected from black stained sand waste debris located throughout the foundry plant floor, to a California State certified laboratory, Eurofins Calscience, for analyses using proper sampling and chain-of-custody procedures. The sand casting debris appears to be from the destruction and recovery of the sand molds used in the iron parts production, and a large quantity the quantity of sand waste was observed by ENCON. The samples were analyzed for petroleum hydrocarbon in the waste and hydraulic oil hydrocarbon ranges using EPA Method 8015, Semi-VOCs using EPA Method 8270, and metal analyses using proper sampling and chain-of-custody procedures for metal compounds using CA Title 22 CAM Metals, EPA Methods 6010/7060 to address sand debris waste material identified at the Subject Site. Petroleum hydrocarbon, TPHo, and naphthalene constituents were detected in the sand debris at 650 mg/kg and 2.7 mg/kg. All of the metal concentrations were found to be within normal background ranges for Southern California to include arsenic levels. Refer to Table 3 and Table 4 for sand debris data table.

Although these concentrations are below ESL Shallow Soil Exposure Levels and not hazardous material, these data suggests that the sand waste debris was impacted by waste oil and most likely generated during the foundry metal work mold casting processing operations. This waste sand material, however, is California regulated waste and the excess sand will have to be properly removed, profiled, and the contaminated sand transported and disposed at a State permitted disposal facility by a licensed hazardous waste contractor prior to demo of the building structures. In addition, the estimated twenty-five (25) 55-gallon drums of waste material observed on the Subject Property by ENCON will have to be properly removed, profiled, and the 55-gallon drums transported and disposed at a State permitted disposal facility by a licensed hazardous waste contractor.

### **9.2.3 Former Gasoline and Diesel UST Tank Closure Investigation (REC #03)**

A 4,000 gallon diesel fuel UST was closed and abandoned in place using slurry fill in October 2007, and a 4,000 gallon gasoline UST was closed and removed from the site around the same time, in October 2007. However, there were no UST tank closure documents available that described the tank closure protocol or the conditions of the UST tank sites at the time of closure. Therefore, these UST tank sites are RECs and will require conformation soil testing. The soil samples will be analyzed for total petroleum hydrocarbons in the gasoline and diesel ranges (TPHg, TPHd) and aromatic hydrocarbons. Refer to Exhibit C for LA DPW records.

ENCON submitted two (2) soil samples, collected from soils in the vicinity of the former gasoline and diesel USTs to a terminal depth of 20 feet bgs, to a California State certified laboratory, Eurofins Calscience, for analyses using proper sampling and chain-of-custody procedures. The samples were analyzed for petroleum hydrocarbon in the petroleum hydrocarbon ranges for gasoline and diesel fuel using EPA Method 8015 to confirm that the UST tank sites were closed with no evidence of residual fuel product contamination.

All of the soil sample data obtained from the UST Tank Site Areas of Concern (AOCs), REC #03, were below detection limits for all petroleum hydrocarbons in the gasoline and diesel hydrocarbon ranges. These soil data suggests that the UST tank sites were previously closed with no significant residual TPH contamination present in these AOCs, and no further investigations are warranted at this time. The 4,000 gallon former diesel UST tank that was abandoned in place, however, will be required to be removed properly by a licensed hazardous waste contractor, and the slurry fill material should be tested, removed, and manifested for disposal off-site as California regulated waste. Refer to Table 5 for soil data table.

#### **9.2.4 Undocumented Fill Investigation (REC #05)**

The north portion of the Subject Property, including the auto service and repair center located at 7801 Otis Avenue, and the west storage yard area were initially reported by Twining Geotechnical (Twining) to contain undocumented fill material comprised of miscellaneous debris including: old bricks, glass, metal scrap, and black sand waste material from grade surface to approximately 10 feet bgs. In order to evaluate the undocumented fill material, ENCON advanced four (4) exploratory borings, visually inspected the core sampled material and confirmed that undocumented fill material was present on the south portion of the tested area, as shown in Figure 4.

Four (4) soil borings were advanced and eight (8) soil samples were collected at 5 feet bgs and 10 feet bgs. The soil samples were submitted to a California State certified laboratory, Eurofins Calscience, for analyses using proper sampling and chain-of-custody procedures. The soil samples were analyzed for petroleum hydrocarbon waste oil using EPA Method 8015, semi compound VOCs using EPA Method 8270, and CAM Metals using EPA Method 6010/7000 in order to address the undocumented fill material area. Most of the soil sample data obtained from soils beneath the targeted north portion of the Subject Property were below laboratory detection limits for waste oils and semi-volatile organic compounds and the metals were to be within normal levels found in Southern California in natural soils as published by CalEPA DTSC. Refer to Table 6 and Table 7 for details.

Based on the undocumented fill investigation, soil boring FB4 in the yard area and soil boring SB6 in the parking lot of the auto center, exhibited elevated waste oil concentrations, at 330 mg/kg, and arsenic and lead concentrations ranging up to 24.3 mg/kg and 159 mg/kg, respectively.

The shallow soil analytical results confirm the presence of undocumented fill material beneath the north yard and the auto repair center from grade surface to approximately 10 feet bgs as shown in Figure 4 at the Subject Site. The fill material appears to be limited to the north portion of the Subject Site and the debris was most likely generated and used as backfill by Covert Iron Work in the past at the Subject Site. Based on the limited targeted sampling data, the undocumented fill is generally non-hazardous material with isolated pockets of contaminated soil and debris of waste oils, lead, and arsenic.

The undocumented fill material does not pose a significant threat to the environment or the public at this time. However, as part of the future plans to develop the Subject Site, this undocumented fill material will be required to be removed and disposed off-site at a California permitted disposal facility. Further subsurface shallow soil and debris investigations may be required in order to delineate the vertical and lateral extent of the undocumented fill material and field testing should be conducted to remove contaminated soil and debris by a licensed environmental engineering and hazardous waste contractor.

### 9.3 Soil Gas Sample Laboratory Results

Five (5) gas samples were submitted to a State-Certified analytical laboratory, accredited under the Environmental ELAP for analysis. The soil gas results are summarized in Table 8 below, and complete laboratory analytical reports are provided in Exhibit E for reference.

**Table 8: Soil Gas Sample Analytical Results (REC #04) – Vapor Intrusion Concerns Inside the Building Area**

Sample ID	Boring Location	PCE (ug/L)	TCE (ug/L)	Cis-1,2-DCE (ug/L)	Benzene (ug/L)	Vinyl Chloride (ug/L)	Other VOCs (ug/L)
SV1-5	Processing area within building area	0.13	0.0085	0.018	0.0037	ND	ND
SV2-5	Processing area within building area	0.012	ND	ND	0.0024	ND	ND
SV3-5	Processing area within building area	0.029	ND	ND	ND	ND	ND
SV4-5	Processing area within building area	0.57	ND	ND	ND	ND	ND
SV5-5	Waste oil storage area	0.024	ND	ND	ND	ND	
RL		0.003	0.0027	0.002	0.001	0.0013	0.50
Commercial / Industrial Soil Gas Screening Level (Tier 1 ESLs)		2.1	3.0	35.0	350.0	0.16	--
Residential Soil Gas Screening Level (Tier 1 ESLs)		0.24	0.24	4.2	0.048	0.0047	--

Note:

ND – Not detected above laboratory reporting limits

RL – Laboratory reporting limit

#### 9.4 Summary and Conclusions of Soil Gas Results

ENCON submitted five (5) soil gas samples to a California State certified laboratory, Eurofins Calscience, for analyses using proper sampling and chain-of-custody procedures. The soil gas samples were analyzed for organic and chlorinated solvent and aromatic hydrocarbon compound VOCs using EPA Method 8260B, in order to address the metal work process area within the main 15,000 sq. ft. plant RECs/AOCs identified at the Subject Site. VOC compounds were detected in soil gas above detection limits for tetrachloroethylene (PCE), trichloroethylene (TCE), cis 1,2 DEC, trans 1,2 DEC, VC, benzene, ethylbenzene, toluene, and xylenes. All of the soil gas sample VOC data obtained from shallow soils beneath the building foundation floor were generally at trace levels below Tier 1 SSLs (residential use scenario) for volatile organic compounds (VOCs), for chlorinated solvents and aromatic hydrocarbons typically found in waste oil materials and parts washing activities, except for PCE in one location, SV5 at 0.57 ug/L. Refer to Table 8 for details.

The PCE chlorinated solvent concentrations in these five (5) sampled locations range from 0.012 µg/L to 0.57 µg/L. All of the elevated PCE concentrations were detected below the Residential Tier 1 ESLs of 0.24 µg/L except for SV5 and the average PCE was calculated using the 95% upper confidence limit of the mean concentrations of PCE (95% UCL) that found to be below the acceptable screening level at 0.153 ug/L.

The shallow soil gas analytical results confirm the presence of VOC solvent and hydrocarbon chemicals in the soil beneath the 15,000 square foot building floor at the Subject Site, and the vapors do not appear to extend beyond the boundaries of the building foundation. Specifically, the shallow soil gas VOC contamination that were found in the main building metal work factory area were most likely caused by solvent spills and leaks over the past 70 years of operation at the Subject Site. The representative shallow soil gas sample VOC concentrations from SV1 through SV5 indicate that the VOCs found beneath the main factory do not pose a significant Vapor Intrusion Concern to the Subject Property at this time. However, for the planned re development construction project, further soil VOC testing is advisable after the site demo and rough grading is completed in the future to define the site environmental conditions and the need for any engineering and/or administrative VOC control measures.

## 10.0 CONCLUSIONS AND RECOMMENDATIONS

The Phase I ESA and Phase II ESA Soil and Soil Gas Investigation performed at the Subject Site Covert Iron Works Facility, located at 7821-7835 Otis Avenue in the City of Cudahy, has been fully investigated by ENCON Technologies, Inc. (ENCON) in accordance with the Phase I ESA Recognized Environmental Conditions, RECs/VECs, per the ENCON Sampling and Analysis Plan, using soil and soil gas sampling methods. The Subject Site Phase II ESA Environmental Site Investigation was completed employing the ASTM E1527-13 real estate due diligence guidelines and the CalEPA California RWQCB current Tier 1 ESLs and the Interim Site Assessment & Cleanup Guidelines, dated May 1996.

### 10.1 Subject Site Facility Plant Environmental Concerns

The Phase II ESA Subsurface Shallow Soil and Soil Gas Investigation has confirmed that the past and current metal works operations conducted at the Subject Site for approximately 90 years have environmentally impacted the Subject Site and undocumented fill was used as backfill material on the north portion of the Subject Property. All of the TPH and VOC soil and soil gas data were found to be at slightly elevated levels and all of the metals were found to be within normal concentrations naturally found in Southern California Region except for elevated arsenic in shallow soils beneath the foundry floor. Based on this data and information the following site environmental concerns are required to be further evaluated and addressed with the redevelopment of the Subject Site:

- 6) The foundry residual hazardous sand casting material waste impacted floor surface and sidewall structures will be required to be decontaminated to non hazardous conditions prior to occupancy or redevelopment and the 55-gallon waste drums will need to be profiled and removed from the Subject Property.
- 7) All of the undocumented fill material and debris will be required to be delineated and removed to a terminal depth of approximately 10 ft-bgs and the excavation backfilled with clean import prior to redevelopment construction.
- 8) The abandoned 4,000 gallon former diesel fuel slurry filled UST tank will be required to be excavated, removed and disposed by a licensed environmental contractor prior to redevelopment.
- 9) The current 4,000 gallon gasoline UST tank will be required to properly removed and closed in accordance with Los Angeles County DPW UST tank closure guidelines by a licensed environmental contractor in the near future since the UST tank system is currently not in use.
- 10) The arsenic contaminated soil present beneath the foundry floor will be required to be further delineated and removed to an estimated depth of approximately 5 ft-bgs and backfilled with clean import prior to redevelopment construction

Specifically, the metal iron work and steel recycling operations has impacted the shallow soils beneath the Subject Site with elevated arsenic metal concentrations, trace levels of PCE and daughter chemicals, as well as aromatic hydrocarbon solvent compounds. The contamination appears to be contained within the boundaries of the existing footprint of the main building as shown in Figure 3 in the shallow soils, approximately top 3 to 5 feet bgs. Refer to Figure 3 for estimated extent of arsenic and VOC contamination.

These elevated arsenic concentrations in shallow soils appear to have been caused by the metal steel and iron work steel recycling operations and/or foundry processes or dust suppression activities and are above State published arsenic soil screening levels of 12 mg/kg at this time. The primary environmental concern is related to the site shallow soil conditions associated with metal arsenic impacted soil and direct soil contact exposure by occupants or the public. The contaminated arsenic soil should be properly removed, profiled, and the contaminated soil transported and disposed at a State permitted disposal facility by a licensed hazardous waste contractor.

Although the slightly elevated VOCs detected in soil gas presents a potential vapor intrusion exposure risk to the occupants or the public within an enclosed building structure, the VOC concentrations are within acceptable published Tier 1 SSLs at this time and no further investigations are required at this time. Further soil and soil gas investigation, however, maybe warranted during rough grading construction and remedial engineering controls or measures should be evaluated at that time.

The elevated waste oil, arsenic and lead concentrations indicate that the Subject Site has been adversely affected by the on-going foundry operations and undocumented back-fill material present at the Site. The elevated arsenic concentrations in soil exceed the normal background ranges of 12 mg/kg and the elevated lead concentrations exceed the acceptable residential setting ESL and 80 mg/kg, and the soils in these areas should be removed and properly disposed at a State permitted facility by a licensed hazardous waste contractor. Refer to Figure 3 for estimated extent of arsenic contamination in soil and Figure 4 for estimated extent of lead contamination in soil.

The Subject Site is acceptable for the current industrial use. If, however, the site is redeveloped, all of the waste debris and the top 10 feet of contaminated undocumented soil should be properly removed and profiled, and the contaminated waste transported to a State permitted disposal facility and the concrete debris is recycled at a disposal facility by a licensed hazardous waste contractor. In addition, upon demolition of the building area, the contractor and other workers should be aware of the potential health hazards in the ground covering within the building area.

ENCON also submitted five (5) soil gas samples to a California State certified laboratory, C&E Laboratories, for analyses using proper sampling and chain-of-custody procedures. The soil gas samples were analyzed for organic and chlorinated solvent VOCs using EPA Method TO-15, in order to address RECs identified at the Subject Site. All of the soil gas sample data obtained from shallow soils were below detection limits for VOCs with the exception of elevated PCE in SV4 at 0.57 ug/L which is above the residential ESL of 0.24 ug/L. Therefore, the current soil gas PCE conditions beneath the Subject Site do pose a recognizable potential threat to the Subject Site indoor air quality and health risk of the occupants, requiring mitigation measures to be designed and incorporated in the new building construction foundation plans to further investigate and implement proper VOC controls to eliminate this vapor encroachment threat.

## 10.2 Miscellaneous Facility Plant Conditions of Concern

The following recommendations are provided based on the Phase II ESA Investigations:

- 4) **Former UST Fuel Tanks** – All of the soil sample data obtained from the former UST Tank Site Areas of Concern (REC #03) for the 4,000 gallon gasoline fuel tank and the 4,000 gallon diesel fuel tank were below detection limits for all petroleum hydrocarbons in the gasoline and diesel hydrocarbon ranges. These soil data suggests that the UST tank sites were previously closed with no significant residual TPH contamination present in these AOCs and no further investigations are warranted at this time. The 4,000 gallon former diesel UST tank that was abandoned onsite in-place, however, will be required to be removed properly by a licensed hazardous waste contractor and the slurry fill material tested, removed, and manifested for disposal off-site as California regulated waste.
- 5) **Decontaminate Foundry – Sand Casting Waste Debris and Drum Waste Management and Disposal** – Blackened, stained, and contaminated casting sand (REC #02) covering all of the floors and walls inside the main building will be required to be properly managed and disposed and facility carefully “decontaminated (decon)” to non hazardous conditions employing proper safety and personal protection equipment practices under the supervision of a licensed hazardous waste contractor. The data suggests that the sand casting waste debris was impacted by waste oil and most likely generated during the foundry metal work mold casting processing operations.

The large quantity of sand waste material present at the Subject Site is California regulated waste and the excess sand waste will have to be properly removed, profiled, and the contaminated sand transported and disposed at a State permitted disposal facility by a licensed hazardous waste contractor prior to demo of the building structures. In addition, the estimated 25 55-gallon drums of waste material observed on the Subject Property by ENCON will have to be properly removed, profiled, and the 55-gallon drums transported and disposed at a State permitted disposal facility by a licensed hazardous waste contractor.



- 6) **Undocumented Fill Material Assessment and Disposal** – The soil analytical results from the northern yard area (REC #05) confirm the presence of undocumented fill material beneath the north yard and the auto repair center from grade surface to approximately 10 feet bgs, as shown in Figure 4. The fill material appears to be limited to the north portion of the Subject Site and is most likely caused from debris generated and used as backfill by Covert Iron Works in the past at the Subject Site. Based on the limited targeted sampling data, the undocumented fill is generally non-hazardous material with isolated pockets of contaminated soil and debris of waste oils, lead, and arsenic.

The undocumented fill material does not pose a significant threat to the environment or the public at this time. However, with the future plans to develop the Subject Property, this undocumented fill material will be required to be removed and disposed off-site at a California permitted disposal facility. Further subsurface shallow soil and debris investigations may be required to delineate the vertical and lateral extent of the undocumented fill material, and field testing should be conducted to remove contaminated soil and debris by a licensed environmental engineering and hazardous waste contractor.

### 10.3 Recommendations

It is the professional opinion of ENCON Technologies, Inc. (ENCON) that no further investigations are necessary at this time and the Subject Site is suitable for the current metal works foundry industrial use. If, however, the Subject Site is renovated or redeveloped, the Subject Property will require further investigations and remediation as well as the facility will be required to be decontaminated to non-hazardous site conditions. Specifically, the new construction plans will require both arsenic soil remedial excavation and further vapor intrusion mitigation assessment by a licensed environmental contractor, in order to eliminate these potential environmental threats to the occupants and the environment using appropriate administrative or engineering controls, i.e.; VOC vapor barrier and remedial soil excavation as specified in a Soils Management Plan (SMP).

In addition, the northern yard area at the Subject Site is acceptable for redevelopment with the provision that all of the undocumented fill material and debris be fully delineated for hazardous material composition and properly removed and exported to an off-site permitted landfill for disposal by a licensed hazardous waste contractor. In addition, ENCON recommends performing an additional subsurface soil investigation to delineate the extent of the undocumented fill at the Subject Site, and determine the corrective actions required to make the Subject Site suitable for redevelopment in the near future.

The 4,000 gallon former diesel UST tank that was abandoned onsite in-place will be required to be removed properly by a licensed hazardous waste contractor and the slurry fill material tested, removed, and manifested for disposal off-site as California regulated waste. In addition, the 4,000 gallon gasoline tank system located on the north portion of the Subject Site will be required to be properly removed and closed in accordance with the Los Angeles County DPW UST tank closure guidelines.

Based on the age of the building structure, constructed in 1928/1977, and observations made by ENCON during the recent site inspection, there is a high potential for asbestos containing building materials (ACM) and lead based paint materials (LBP) present at the Subject Site that are evidence of suspected RECs and potential contingent environmental liability although no survey or testing were completed as part of this Phase I ESA Report. ENCON recommends that an asbestos ACM and lead LBP surveys be performed prior any major demolition or renovation of the Subject Property are performed.

**11.0 REPORT PREPARATION AND LIMITATIONS**

This report was prepared for the exclusive use of KLARE Holdings and its Subsidiary, Project Client and Potential Buyer, as it pertains to the Subject Site located at 7821-7835 Otis Avenue in Cudahy, California (Subject Site). The findings, conclusions and recommendations presented in this report were based upon the Phase I ESA and Phase II ESA site assessment and subsurface soil and soil gas investigation performed by ENCON Technologies, Inc.

The consultant makes no guarantees as to the accuracy or completeness of information obtained from others. It is possible that information exists beyond the scope of this investigation. Additional information which was not available to Consultant at the time of writing the Report may result in a modification of the conclusions and recommendations presented.

The Services performed by the Consultant have been conducted in a manner consistent with the level of care ordinarily exercised by members of our profession currently practicing under similar conditions. This report is not a legal opinion but may under certain circumstances be prepared at the direction of counsel, may be in anticipation of litigation, and may be classified as an attorney client communication or as an attorney-work product.

The findings in this report are based on field observations and analytical data provided by an independent laboratory. Interpretations of the subsurface conditions at the site were made from these observations and data as well as limited number of data points from soil borings. Subsurface conditions may vary from these data points.

If there are any questions regarding soil sample collection or soil analysis, please contact Joseph Scatoloni, Project Manager at (562) 777-2200.

Respectfully submitted by,

ENCON Technologies Inc.

  
G. Joseph Scatoloni, ENCON Principal  
Senior Remedial Engineer & Project Manager

  
Elizabeth Bartley  
ENCON REA Technical Assistant



**ATTACHMENTS:**

Attachment A Site Walk Photos



# ENCON



Photo #1: Exterior of Subject Site facility building.



Photo #4: Waste drum storage at Subject Site.



Photo #2: Office area at Subject Site.



Photo #5: Processing area at Subject Site.



Photo #3: Chemical storage at Subject Site.



Photo #6: Steel plate near processing area.



# ENCON



Photo #7: Processing area within Subject Site building.



Photo #10: General interior conditions at Subject Site.



Photo #8: General interior conditions at Subject Site, blackened sand material noted on floor.



Photo #11: General interior conditions at Subject Site.



Photo #9: General interior conditions at Subject Site, blackened sand material noted on floor.



Photo #12: Material storage at Subject Site.





Photo #13: Exterior metal recycling receiving area.



Photo #16: General yard conditions at Subject Site.



Photo #14: Metal recycling receiving area.



Photo #17: General yard conditions at Subject Site.



Photo #15: Run-off drain in yard area.



Photo #18: General yard conditions at Subject Site.

# ENCON



Photo #19: Surrounding properties, viewed east across Otis Avenue.

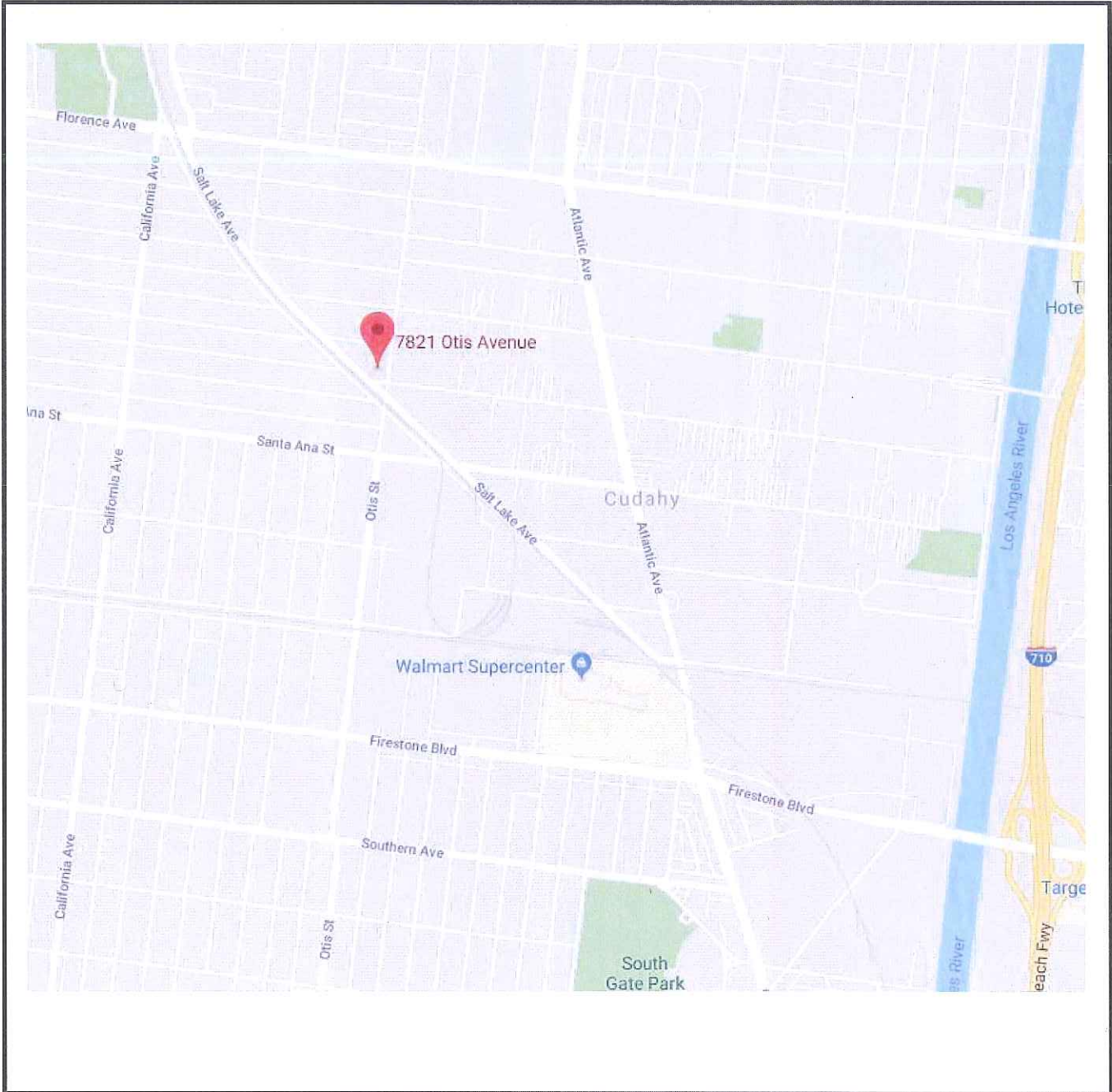


Photo #20: Surrounding properties, viewed northeast across Otis Avenue.



## FIGURES:

- |          |                                       |
|----------|---------------------------------------|
| Figure 1 | Site Vicinity Map                     |
| Figure 2 | Site Map with Boring Locations        |
| Figure 3 | Arsenic Concentrations in Soil        |
| Figure 4 | Approximate Area of Undocumented Fill |



**ENCON**  
Technologies, Inc.



12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670

*Site Vicinity Map*

7821-7835 Otis Avenue  
Cudahy, California 90201

**LEGEND**

□ Subject Site  
Boundary Lines

↑ North

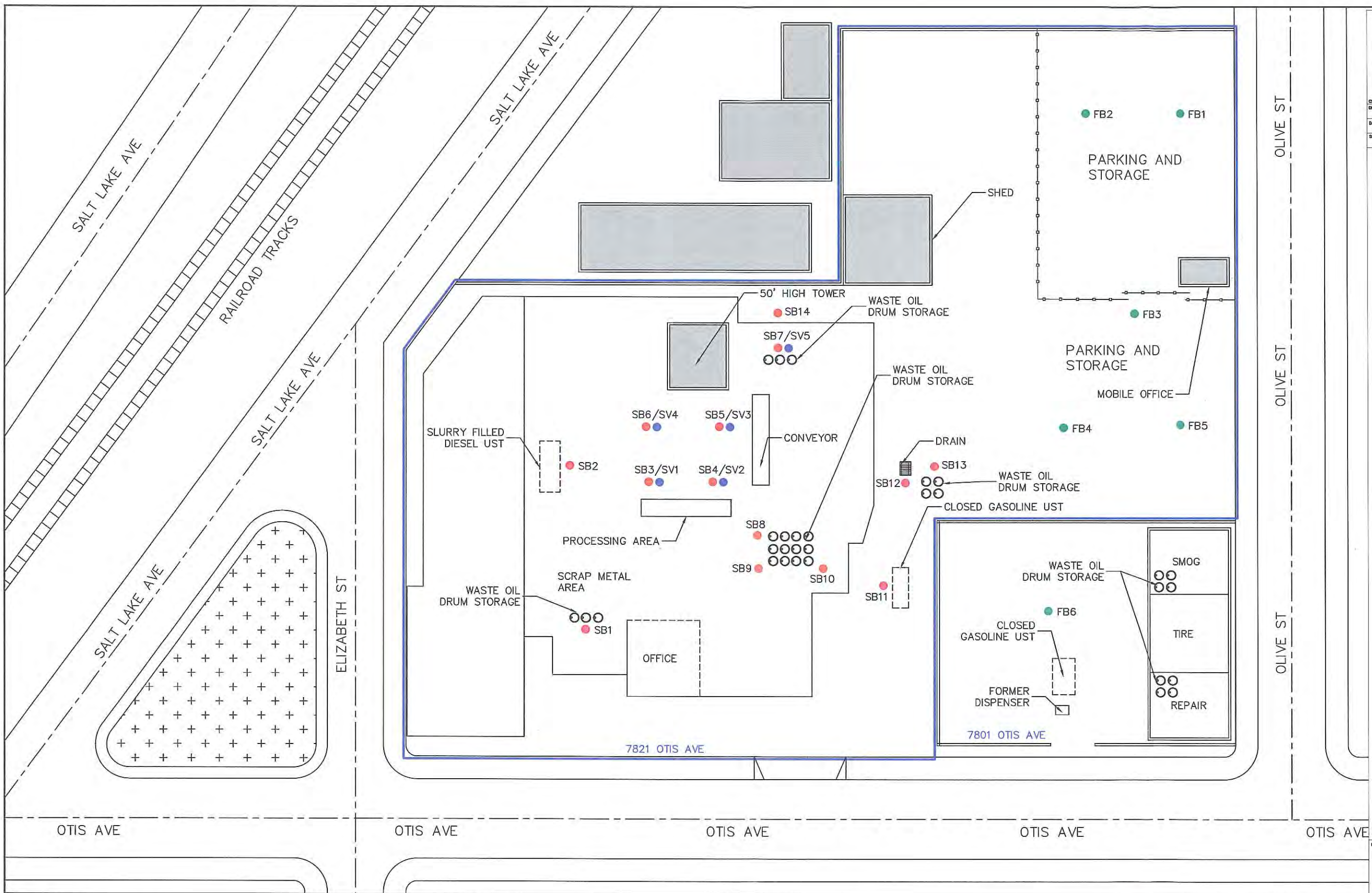
Scale: NA

**December 18, 2018**

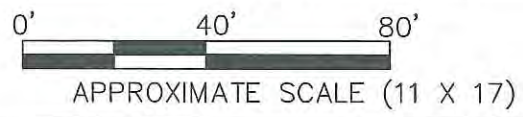
**FIGURE 1**



7821 OTIS AVE  
CUDAHY, CA 90201



1 SITE PLAN  
SCALE: 1"=40'-0"



LEGEND

- PLANTER AREA
- FENCE/GATE
- PROPERTY LINE
- SOIL BORING
- SOIL VAPOR
- ADDITIONAL SAMPLING (UNDOCUMENTED FILL)

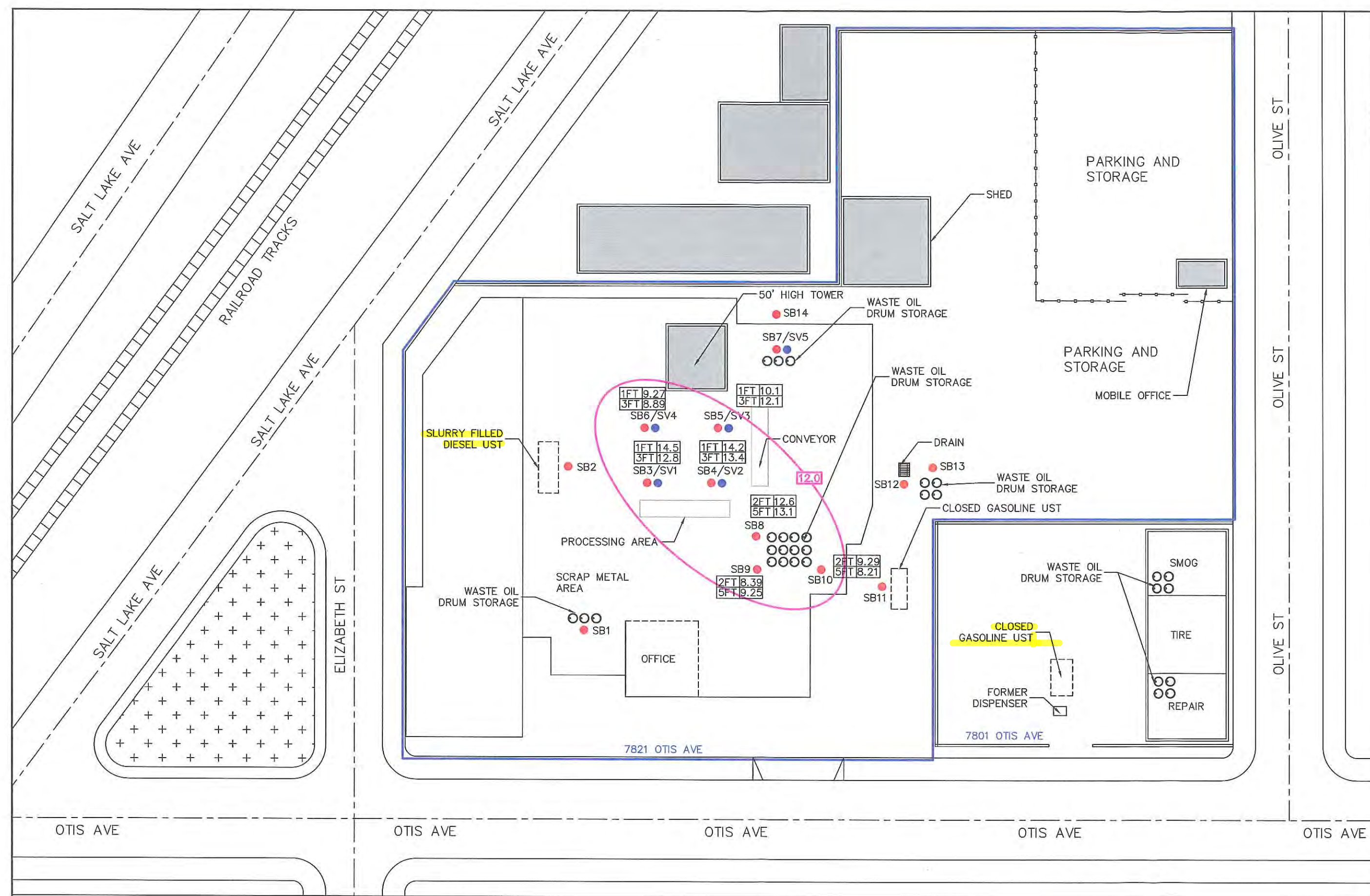




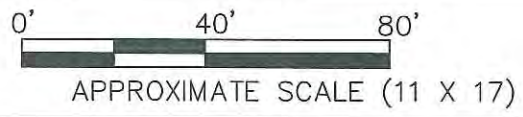


ENCON TECHNOLOGIES INC.  
12145 MORA DR., #7  
SANTA FE SPRINGS, CA  
CSL# 748576 A-Haz Exp: 4/30/20  
DRAIN BY: DANIEL AYALA  
DATE: 10/12/2018  
SCALE: PER PLAN

7821 OTIS AVE  
CUDAHY, CA 90201



1 SITE PLAN  
SCALE: 1"=40'-0"



LEGEND

- PLANTER AREA
- FENCE/GATE
- PROPERTY LINE
- SOIL BORING
- SOIL VAPOR
- ARSENIC CONCENTRATIONS IN SOIL (mg/kg)

ARSENIC CONCENTRATIONS IN SOIL (mg/kg)

FIG.3





ENCON TECHNOLOGIES INC.  
12145 MORA DR. #7  
SANTA FE SPRINGS, CA

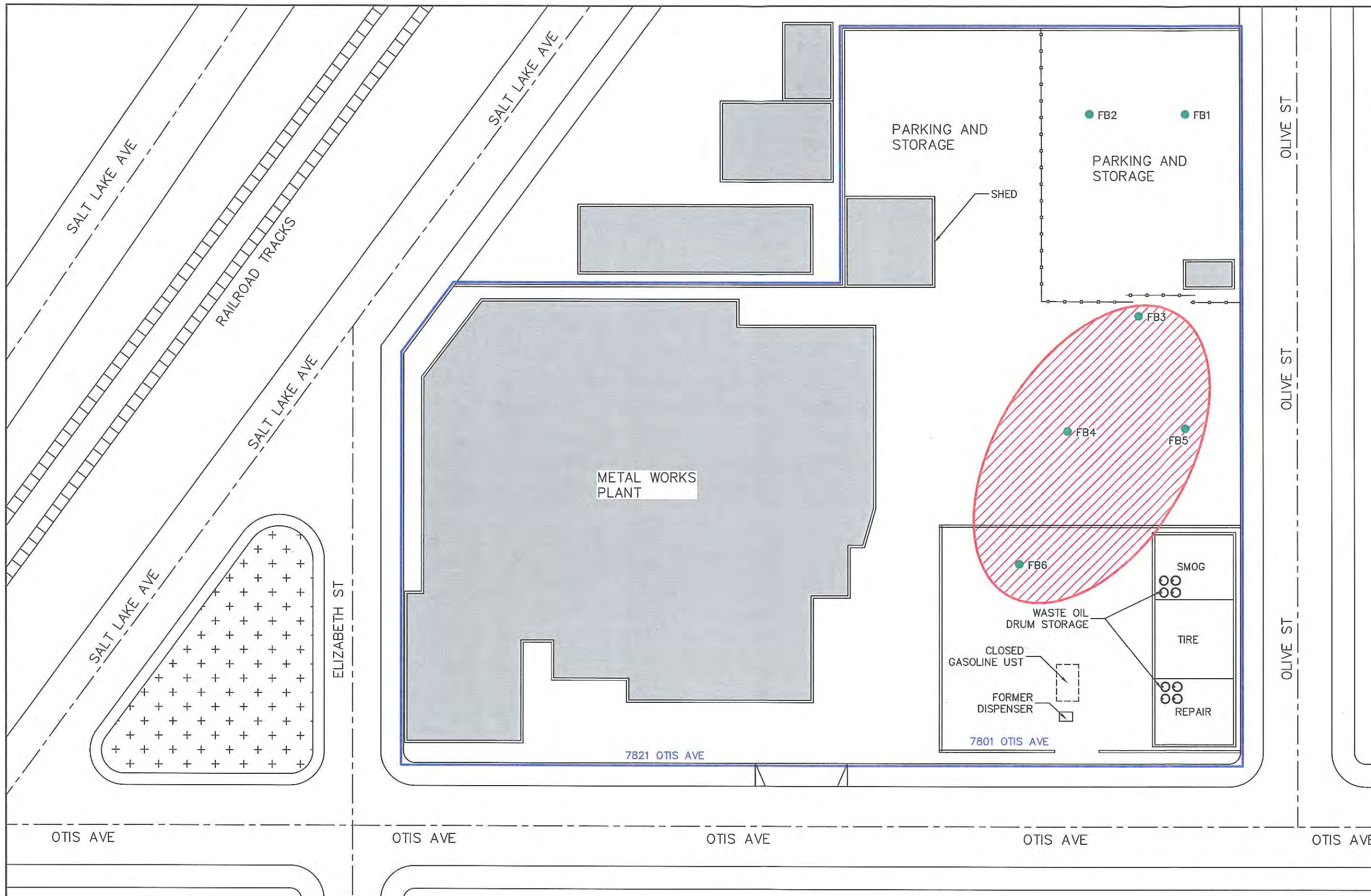
CSL# 748576 A.Haz Exp: 4/30/20

DRAWN BY: DANIEL AYALA

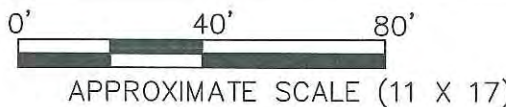
DATE: 10/12/2018

SCALE: PER PLAN

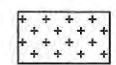
7821 OTIS AVE  
CUDAHAY, CA 90201



1 SITE PLAN  
SCALE: 1"=40'-0"



LEGEND



PLANTER AREA



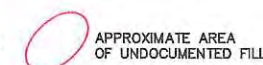
FENCE/GATE



PROPERTY LINE



ADDITIONAL SAMPLING



APPROXIMATE AREA OF UNDOCUMENTED FILL

APPROXIMATE AREA OF UNDOCUMENTED FILL

FIG.4

**Exhibit A**

Property Legal Description



*First American*

myFirstAm® Combined Report

7821 Otis Ave, Cudahy, CA 90201

---

Property Address:

7821 Otis Ave  
Cudahy, CA 90201





First American

myFirstAm® Property Profile

7821 Otis Ave, Cudahy, CA 90201

Property Information			
Owner(s):	Covert Roy P And Vickie L Trs / Covert Family Trust	Mailing Address:	6396 Forester Dr, Huntington Beach, CA 92648
Owner Phone:	Unknown	Property Address:	7821 Otis Ave, Cudahy, CA 90201
Vesting Type:	N/A	Alt. APN:	
County:	Los Angeles	APN:	6225-026-013
Map Coord:	59-C1	Census Tract:	534403
Lot#:	7	Block:	F
Subdivision:	1662	Tract:	1662
Legal:	Tract # 1662 Lot 7 And W 25 Ft Of Lot 8		

Property Characteristics					
Use:	Light Industrial	Year Built / Eff. :	1928 /	Sq. Ft. :	8001
Zoning:	HPM2*	Lot Size Ac / Sq Ft:	0.537 / 23410	# of Units:	
Stories:	1	Improvements:		Parking / #:	/
Gross Area:	8001	Garage Area :		Basement Area:	

Sale and Loan Information		
Sale / Rec Date:	*\$/Sq. Ft.:	2nd Mtg.:
Sale Price:	1st Loan:	Prior Sale Amt:
Doc No.:	Loan Type:	Prior Sale Date:
Doc Type:	Transfer Date:	Prior Doc No.:
Seller:	Lender:	Prior Doc Type:

\*\$/Sq.Ft. is a calculation of Sale Price divided by Sq.Feet.

Tax Information			
Imp Value:	\$110,250	Exemption Type:	
Land Value:	\$441,020	Tax Year / Area:	2018 / 11-368
Total Value:	\$551,270	Tax Value:	
Total Tax Amt:	\$8,102.52	Improved:	20%





*First American*

myFirstAm® Transaction History

7821 Otis Ave, Cudahy, CA 90201

Transaction History provides records for the past ten years. To request additional information, please contact your local Sales Representative, Customer Service Department, or for an additional fee you may [click here](#) .

History Record # 1 : SALE/TRANSFER

Buyer:	Covert Family Trust	Seller:	Covert Roy P & Vickie L
Transaction Date:	04/02/2008	Sale Price:	
Recording Date:	04/04/2008	Sale Price Type:	
Recorded Doc #:	586731	Title Company:	
Document Type:	Deed Transfer	Vesting Type:	N/A

History Record # 2 : SALE/TRANSFER

Buyer:	Covert,Roy P & Vickie L	Seller:	Covert Roy P
Transaction Date:	04/02/2008	Sale Price:	
Recording Date:	04/04/2008	Sale Price Type:	
Recorded Doc #:	586730	Title Company:	
Document Type:	Deed Transfer	Vesting Type:	N/A

History Record # 3 : SALE/TRANSFER

Buyer:	Covert,Roy P	Seller:	Covert Walter R
Transaction Date:	11/09/2004	Sale Price:	
Recording Date:	11/16/2004	Sale Price Type:	
Recorded Doc #:	2971634	Title Company:	
Document Type:	Deed Transfer	Vesting Type:	N/A



*First American*

myFirstAm® Comparable Sales

7821 Otis Ave, Cudahy, CA 90201

Subject Property

APN	Property Address	Sale Price	Year Built	Sq. Ft.	Rec. Date	Dist. from Subj.
6225-026-013	7821 Otis Ave, Cudahy, CA 90201		1928	8001		

Comparable Sales

A.	6224-021-010	8226 Salt Lake AVE , Cudahy, CA 90201	\$250,000	1947	6946	08/08/1986	0.42 mi
B.	6224-035-030	4510 Cecilia ST , Cudahy, CA 90201	\$575,000	1946	8854	07/14/2005	0.52 mi
C.	6224-035-038	4550 Cecilia ST , Cudahy, CA 90201	\$750,000	1983	7200	08/16/2011	0.58 mi
D.	6224-022-903	8221 Atlantic AVE , Cudahy, CA 90201	\$1,093,000	1945	8140	05/11/2012	0.66 mi
E.	6224-023-017	8220 Atlantic AVE , Cudahy, CA 90201	\$575,000	1940	7200	06/05/2002	0.72 mi
F.	6224-024-014	4855 Cecilia ST , Cudahy, CA 90201	\$265,000	1957	7000	03/01/1988	0.87 mi
G.	6224-024-011	4907 Cecilia ST , Cudahy, CA 90201	\$475,000	1959	8320	10/30/2002	0.90 mi
H.	6324-017-005	6811 Salt Lake AVE , Bell Gardens, CA 90201	\$155,000	1938	6811	11/08/1996	0.94 mi
I.	6324-017-029	6721 Salt Lake AVE , Bell Gardens, CA 90201	\$155,000	1962	8653	09/07/1995	0.98 mi
J.	6222-015-027	4704 Firestone BLVD , South Gate, CA 90280	\$3,200,000	1957	7040	12/29/2017	1.00 mi
K.	6317-025-001	4313 Gage AVE , Bell Gardens, CA 90201	\$280,000	1923	7500	10/28/1992	1.01 mi
L.	6318-019-021	3543 Gage AVE , Bell Gardens, CA 90201	\$450,000	1954	7748	10/07/2003	1.13 mi
M.	6318-019-033	6238 Maywood AVE , Bell Gardens, CA 90201	\$7,500,081	1948	7660	10/16/1990	1.23 mi
N.	6319-021-003	6308 Bissell PL , Huntington Park, CA 90255	\$250,000	1966	7550	01/20/1998	1.29 mi
O.	6318-007-010	3400 Randolph ST , Huntington Park, CA 90255	\$400,000	1943	7757	05/27/1994	1.35 mi
P.	6216-038-006	5120 Firestone PL , South Gate, CA 90280	\$1,200,000	1945	8832	01/15/2008	1.40 mi
Q.	6318-008-002	3475 Randolph ST , Huntington Park, CA 90255	\$75,000	1947	8533	03/08/1989	1.40 mi

## Subject Property

APN	Property Address	Sale Price	Year Built	Sq. Ft.	Rec. Date	Dist. from Subj.
6225-026-013	7821 Otis Ave, Cudahy, CA 90201		1928	8001		

## Comparable Sales

R.	6222-025-014	9325 Atlantic AVE , South Gate, CA 90280	\$850,000	1971	8243	01/27/2005	1.43 mi
S.	6314-013-004	4728 Slauson AVE , Maywood, CA 90270	\$400,000	1952	7080	01/23/2012	1.74 mi
T.	6204-019-027	8730 Santa Fe AVE , South Gate, CA 90280	\$395,000	1946	7210	09/02/1999	1.76 mi
U.	6313-016-028	5701 Atlantic BLVD , Maywood, CA 90270	\$1,773,000	1930	7356	11/08/2016	1.77 mi
V.	6314-024-900	4801 Slauson AVE , Maywood, CA 90270	\$345,000	1956	8188	04/03/2000	1.81 mi
W.	6222-029-901	5225 Tweedy BLVD , South Gate, CA 90280	\$325,000	1978	7200	12/05/1994	1.85 mi
X.	6328-004-029	5556 Gage AVE , Bell Gardens, CA 90201	\$340,000	1961	7854	03/18/2002	1.86 mi
Y.	6314-029-011	4923 Slauson AVE , Maywood, CA 90270	\$260,000	1948	7672	07/30/2003	1.89 mi

Comparable Statistics			
	<u>Average :</u>	<u>Low :</u>	<u>High :</u>
Sale Price:	\$893,443	\$75,000	\$7,500,081
Loan Amount:	\$310,515	\$80,000	\$675,000
Sq. Ft.:	7702	6811	8854
Sale \$ / Sq. Ft.*:	\$116	\$11	\$847

\*\$/Sq.Ft. is a calculation of Sale Price divided by Sq.Ft.

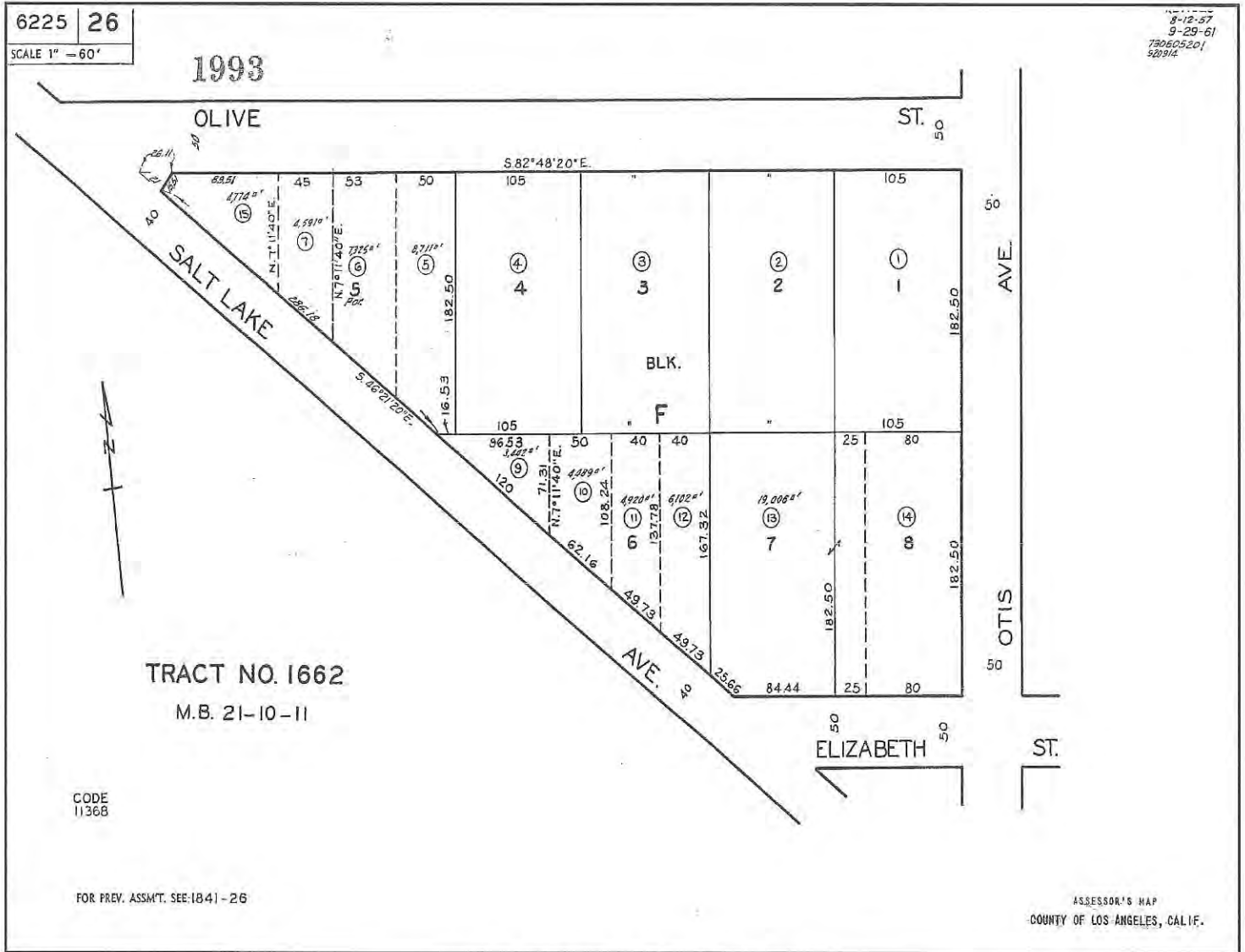




First American

myFirstAm® Tax Map

7821 Otis Ave, Cudahy, CA 90201



Limitation of Liability for Informational Report

**IMPORTANT - READ CAREFULLY:** THIS REPORT IS NOT AN INSURED PRODUCT OR SERVICE OR A REPRESENTATION OF THE CONDITION OF TITLE TO REAL PROPERTY. IT IS NOT AN ABSTRACT, LEGAL OPINION, OPINION OF TITLE, TITLE INSURANCE COMMITMENT OR PRELIMINARY REPORT, OR ANY FORM OF TITLE INSURANCE OR GUARANTY. THIS REPORT IS ISSUED EXCLUSIVELY FOR THE BENEFIT OF THE APPLICANT THEREFOR, AND MAY NOT BE USED OR RELIED UPON BY ANY OTHER PERSON. THIS REPORT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT FIRST AMERICAN'S PRIOR WRITTEN CONSENT. FIRST AMERICAN DOES NOT REPRESENT OR WARRANT THAT THE INFORMATION HEREIN IS COMPLETE OR FREE FROM ERROR, AND THE INFORMATION HEREIN IS PROVIDED WITHOUT ANY WARRANTIES OF ANY KIND, AS-IS, AND WITH ALL FAULTS. AS A MATERIAL PART OF THE CONSIDERATION GIVEN IN EXCHANGE FOR THE ISSUANCE OF THIS REPORT, RECIPIENT AGREES THAT FIRST AMERICAN'S SOLE LIABILITY FOR ANY LOSS OR DAMAGE CAUSED BY AN ERROR OR OMISSION DUE TO INACCURATE INFORMATION OR NEGLIGENCE IN PREPARING THIS REPORT SHALL BE LIMITED TO THE FEE CHARGED FOR THE REPORT. RECIPIENT ACCEPTS THIS REPORT WITH THIS LIMITATION AND AGREES THAT FIRST AMERICAN WOULD NOT HAVE ISSUED THIS REPORT BUT FOR THE LIMITATION OF LIABILITY DESCRIBED ABOVE. FIRST AMERICAN MAKES NO REPRESENTATION OR WARRANTY AS TO THE LEGALITY OR PROPRIETY OF RECIPIENT'S USE OF THE INFORMATION HEREIN.



*First American*

myFirstAm® Combined Report

7835 Otis Ave, Cudahy, CA 90201

---

Property Address:

7835 Otis Ave  
Cudahy, CA 90201



First American

myFirstAm® Property Profile

7835 Otis Ave, Cudahy, CA 90201

Property Information			
Owner(s):	Covert Roy P And Vickie L Trs / Covert Family Trust	Mailing Address:	6396 Forester Dr, Huntington Beach, CA 92648
Owner Phone:	Unknown	Property Address:	7835 Otis Ave, Cudahy, CA 90201
Vesting Type:	N/A	Alt. APN:	
County:	Los Angeles	APN:	6225-026-014
Map Coord:	59-C1	Census Tract:	534403
Lot#:	8	Block:	F
Subdivision:	1662	Tract:	1662
Legal:	Tract # 1662 E 80 Ft Of Lot 8		

Property Characteristics					
Use:	Warehouse	Year Built / Eff.:	1977 /	Sq. Ft.:	4970
Zoning:	HPM2*	Lot Size Ac / Sq Ft:	0.344 / 15022	# of Units:	
Stories:	1	Improvements:		Parking / #:	/
Gross Area:	4970	Garage Area:		Basement Area:	

Sale and Loan Information		
Sale / Rec Date:	*\$/Sq. Ft.:	2nd Mtg.:
Sale Price:	1st Loan:	Prior Sale Amt:
Doc No.:	Loan Type:	Prior Sale Date:
Doc Type:	Transfer Date:	Prior Doc No.:
Seller:	Lender:	Prior Doc Type:

\*\$/Sq.Ft. is a calculation of Sale Price divided by Sq.Feet.

Tax Information			
Imp Value:	\$42,871	Exemption Type:	
Land Value:	\$128,628	Tax Year / Area:	2018 / 11-368
Total Value:	\$171,499	Tax Value:	
Total Tax Amt:	\$3,262.09	Improved:	25%



*First American*

myFirstAm® Transaction History

7835 Otis Ave, Cudahy, CA 90201

Transaction History provides records for the past ten years. To request additional information, please contact your local Sales Representative, Customer Service Department, or for an additional fee you may [click here](#).

**History Record # 1 : SALE/TRANSFER**

Buyer:	Covert Family Trust	Seller:	Covert Roy P & Vickie L
Transaction Date:	04/02/2008	Sale Price:	
Recording Date:	04/04/2008	Sale Price Type:	
Recorded Doc #:	586747	Title Company:	
Document Type:	Deed Transfer	Vesting Type:	N/A

**History Record # 2 : SALE/TRANSFER**

Buyer:	Covert,Roy P & Vickie L	Seller:	Covert Roy P
Transaction Date:	04/02/2008	Sale Price:	
Recording Date:	04/04/2008	Sale Price Type:	
Recorded Doc #:	586746	Title Company:	
Document Type:	Deed Transfer	Vesting Type:	N/A

**History Record # 3 : SALE/TRANSFER**

Buyer:	Covert,Roy P	Seller:	Covert Walter R
Transaction Date:	11/09/2004	Sale Price:	
Recording Date:	11/16/2004	Sale Price Type:	
Recorded Doc #:	2971635	Title Company:	
Document Type:	Deed Transfer	Vesting Type:	N/A





First American

myFirstAm® Comparable Sales

7835 Otis Ave, Cudahy, CA 90201

Subject Property

APN	Property Address	Sale Price	Year Built	Sq. Ft.	Rec. Date	Dist. from Subj.
6225-026-014	7835 Otis Ave, Cudahy, CA 90201		1977	4970		

Comparable Sales

A.	6313-019-031	5351 1/2 Atlantic BLVD , Maywood, CA 90270	\$430,000	1964	5537	07/01/1988	1.96 mi
B.	6313-004-018	5276 Atlantic BLVD , Maywood, CA 90270	\$10,000	1953	5252	04/17/1985	1.99 mi
C.	6329-006-018	5935 Florence AVE , Bell Gardens, CA 90201	\$187,000	1955	4800	06/30/2004	2.07 mi
D.	6312-002-007	4027 E 52nd ST , Maywood, CA 90270	\$900,000	1968	5200	11/22/2016	2.10 mi
E.	6304-013-021	3838 Fruitland AVE , Vernon, CA 90058	\$210,000	1962	5550	09/12/1988	2.14 mi
F.	6202-040-025	2200 Nadeau ST , Huntington Park, CA 90255	\$600,006	1923	5640	07/15/1985	2.15 mi
G.	6230-024-020	7940 Garfield AVE , Bell Gardens, CA 90201	\$318,000	1983	4278	07/05/2001	2.21 mi
H.	6311-017-010	3546 Fruitland AVE , Maywood, CA 90270	\$690,000	1949	5432	04/22/2008	2.23 mi
I.	6311-017-043	3538 Fruitland AVE , Maywood, CA 90270	\$616,000	1948	4348	01/22/2014	2.23 mi
J.	6205-016-013	9854 Alameda ST , South Gate, CA 90280	\$1,225,000	1945	4978	03/07/2016	2.24 mi
K.	6170-015-008	2986 Martin Luther King Jr BLVD , Lynwood, CA 90262	\$210,000	1947	5120	03/16/2004	2.38 mi
L.	6304-024-005	4410 District BLVD , Vernon, CA 90058	\$769,000	1980	5401	01/10/2008	2.43 mi
M.	6309-008-020	5801 Malabar ST , Vernon, CA 90058	\$225,000	1954	4356	04/17/2003	2.59 mi
N.	6170-016-014	2819 Los Flores BLVD , Lynwood, CA 90262	\$250,000	1962	4845	05/27/1994	2.63 mi
O.	6170-004-003	10950 Alameda ST , Lynwood, CA 90262	\$140,000	1949	4440	10/05/1993	2.64 mi
P.	6170-004-005	10990 Alameda ST , Lynwood, CA 90262	\$35,000	1947	4368	05/11/1979	2.65 mi
Q.	6309-006-020	5603 Malabar ST , Vernon, CA 90058	\$35,000	1965	4512	09/13/2005	2.67 mi

## Subject Property

APN	Property Address	Sale Price	Year Built	Sq. Ft.	Rec. Date	Dist. from Subj.
6225-026-014	7835 Otis Ave, Cudahy, CA 90201		1977	4970		

## Comparable Sales

R.	6228-019-004	7619 Emil AVE , Bell Gardens, CA 90201	\$60,000	1985	4266	12/16/1987	2.68 mi
S.	6309-007-016	2412 E 57th ST , Vernon, CA 90058	\$574,000	1927	4247	05/30/2014	2.68 mi
T.	6169-003-012	2918 E Imperial HWY , Lynwood, CA 90262	\$164,090	1946	4672	10/02/1990	2.73 mi
U.	6309-004-017	2458 E 54th ST , Huntington Park, CA 90255	\$395,000	1959	5300	06/21/2006	2.77 mi
V.	6303-023-002	2820 Leonis BLVD , Vernon, CA 90058	\$1,410,000	1950	5075	05/31/2018	2.79 mi
W.	6308-019-024	2198 E Anderson ST , Vernon, CA 90058	\$100,000	1981	4879	09/05/2006	2.82 mi
X.	6234-007-024	5606 Rawlings AVE , South Gate, CA 90280	\$300,000	1966	4990	01/25/2000	2.83 mi
Y.	6308-019-026	2170 E Anderson ST , Vernon, CA 90058	\$1,185,000	1981	5227	12/29/2006	2.83 mi

Comparable Statistics			
	<u>Average :</u>	<u>Low :</u>	<u>High :</u>
Sale Price:	\$441,524	\$10,000	\$1,410,000
Loan Amount:	\$334,875	\$112,000	\$670,000
Sq. Ft.:	4909	4247	5640
Sale \$ / Sq. Ft.*:	\$90	\$2	\$250

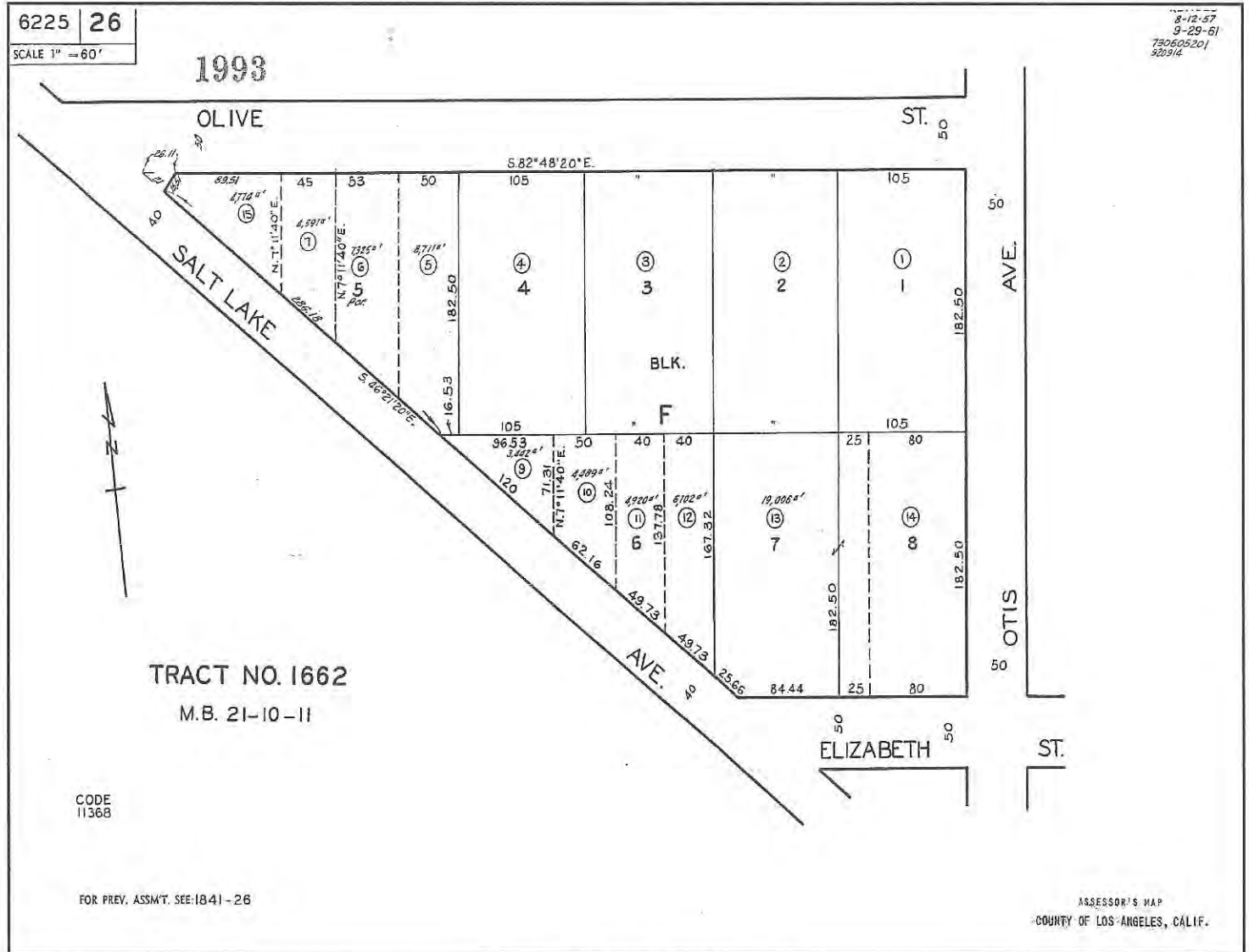
\*\$/Sq.Ft. is a calculation of Sale Price divided by Sq.Ft.



First American

myFirstAm® Tax Map

7835 Otis Ave, Cudahy, CA 90201



Limitation of Liability for Informational Report

**IMPORTANT - READ CAREFULLY:** THIS REPORT IS NOT AN INSURED PRODUCT OR SERVICE OR A REPRESENTATION OF THE CONDITION OF TITLE TO REAL PROPERTY. IT IS NOT AN ABSTRACT, LEGAL OPINION, OPINION OF TITLE, TITLE INSURANCE COMMITMENT OR PRELIMINARY REPORT, OR ANY FORM OF TITLE INSURANCE OR GUARANTEE. THIS REPORT IS ISSUED EXCLUSIVELY FOR THE BENEFIT OF THE APPLICANT THEREFOR, AND MAY NOT BE USED OR RELIED UPON BY ANY OTHER PERSON. THIS REPORT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT FIRST AMERICAN'S PRIOR WRITTEN CONSENT. FIRST AMERICAN DOES NOT REPRESENT OR WARRANT THAT THE INFORMATION HEREIN IS COMPLETE OR FREE FROM ERROR, AND THE INFORMATION HEREIN IS PROVIDED WITHOUT ANY WARRANTIES OF ANY KIND, AS-IS, AND WITH ALL FAULTS. AS A MATERIAL PART OF THE CONSIDERATION GIVEN IN EXCHANGE FOR THE ISSUANCE OF THIS REPORT, RECIPIENT AGREES THAT FIRST AMERICAN'S SOLE LIABILITY FOR ANY LOSS OR DAMAGE CAUSED BY AN ERROR OR OMISSION DUE TO INACCURATE INFORMATION OR NEGLIGENCE IN PREPARING THIS REPORT SHALL BE LIMITED TO THE FEE CHARGED FOR THE REPORT. RECIPIENT ACCEPTS THIS REPORT WITH THIS LIMITATION AND AGREES THAT FIRST AMERICAN WOULD NOT HAVE ISSUED THIS REPORT BUT FOR THE LIMITATION OF LIABILITY DESCRIBED ABOVE. FIRST AMERICAN MAKES NO REPRESENTATION OR WARRANTY AS TO THE LEGALITY OR PROPRIETY OF RECIPIENT'S USE OF THE INFORMATION HEREIN.



*First American*

*my*FirstAm® Combined Report

, , CA

Property Address:

, CA



First American

myFirstAm® Property Profile

, , CA

Property Information			
Owner(s):	Covert Roy P And Vickie L Trs / Covert Family Trust	Mailing Address:	6396 Forester Dr, Huntington Beach, CA 92648
Owner Phone:	Unknown	Property Address:	, , CA
Vesting Type:	Trustee	Alt. APN:	
County:	Los Angeles	APN:	6225-026-002
Map Coord:	59-C1	Census Tract:	
Lot#:	2	Block:	F
Subdivision:	1662	Tract:	1662
Legal:	Tract # 1662 Lot 2		

Property Characteristics			
Use:	Sfr	Year Built / Eff. :	/
Zoning:	HPM1-M2*	Lot Size Ac / Sq Ft:	0.435 / 18963
Bedrooms:		Bathrooms:	
# Rooms:		Quality:	
Pool:		Air:	
Stories:		Improvements:	
Gross Area:		Garage Area :	
		Parking / #:	/
		Basement Area:	
		Fireplace:	
		Heating:	
		Style:	

Sale and Loan Information		
Sale / Rec Date:	*/Sq. Ft.:	2nd Mtg.:
Sale Price:	1st Loan:	Prior Sale Amt:
Doc No.:	Loan Type:	Prior Sale Date:
Doc Type:	Transfer Date:	Prior Doc No.:
Seller:	Lender:	Prior Doc Type:

\*\$/Sq.Ft. is a calculation of Sale Price divided by Sq.Feet.

Tax Information			
Imp Value:	\$6,121	Exemption Type:	
Land Value:	\$171,504	Tax Year / Area:	2018 / 11-368
Total Value:	\$177,625	Tax Value:	
Total Tax Amt:	\$2,577.50	Improved:	3%



*First American*

myFirstAm® Transaction History

, , CA

Transaction History provides records for the past ten years. To request additional information, please contact your local Sales Representative, Customer Service Department, or for an additional fee you may [click here](#).

**History Record # 1 : SALE/TRANSFER**

Buyer:	Covert Family Trust	Seller:	Covert Roy P & Vickie L
Transaction Date:	04/02/2008	Sale Price:	
Recording Date:	04/04/2008	Sale Price Type:	
Recorded Doc #:	586747	Title Company:	
Document Type:	Deed Transfer	Vesting Type:	Personal Trust

**History Record # 2 : SALE/TRANSFER**

Buyer:	Covert,Roy P & Vickie L	Seller:	Covert Roy P
Transaction Date:	04/02/2008	Sale Price:	
Recording Date:	04/04/2008	Sale Price Type:	
Recorded Doc #:	586746	Title Company:	
Document Type:	Deed Transfer	Vesting Type:	Personal Trust

**History Record # 3 : SALE/TRANSFER**

Buyer:	Covert,Roy P	Seller:	Covert Walter R
Transaction Date:	11/09/2004	Sale Price:	
Recording Date:	11/16/2004	Sale Price Type:	
Recorded Doc #:	2971635	Title Company:	
Document Type:	Deed Transfer	Vesting Type:	Separate





First American

myFirstAm® Comparable Sales

, , CA

Subject Property

APN	Property Address	Sale Price	Year Built	Beds	Baths	Sq. Ft.	Rec. Date	Dist. from Subj.
6225-026-002	, , CA							

Comparable Sales

A.	6225-025-011	4127 Olive ST , Cudahy, CA 90201	\$101,000	1924	1	1	520	01/04/2012	0.04 mi
B.	6225-025-010	4131 Olive ST , Cudahy, CA 90201	\$135,000	1964	2	2	936	09/08/2009	0.04 mi
C.	6225-025-007	7727 Otis AVE , Cudahy, CA 90201	\$100,000	1922	3	2	896	07/02/1993	0.05 mi
D.	6225-025-006	7723 Otis AVE , Cudahy, CA 90201	\$200,000	1924	1	1	592	04/30/2012	0.06 mi
E.	6225-025-005	7719 Otis AVE , Cudahy, CA 90201	\$195,000	1924	2	2	739	09/20/2010	0.06 mi
F.	6225-025-004	7717 Otis AVE , Cudahy, CA 90201	\$179,000	1924	4	2	1217	02/28/2003	0.07 mi
G.	6225-025-027	4085 Olive ST , Cudahy, CA 90201	\$415,000	1994	3	2	2020	12/17/2008	0.07 mi
H.	6225-027-013	7716 Otis AVE , Cudahy, CA 90201	\$75,000	1947	4	2	1086	07/27/1984	0.08 mi
I.	6225-025-029	4106 Clara ST , Cudahy, CA 90201	\$170,000	1960	4	3	1618	08/10/1994	0.09 mi
J.	6214-019-002	4111 Broadway , Huntington Park, CA 90255	\$126,500	1941	3	2	1065	08/23/1988	0.09 mi
K.	6214-019-003	4107 Broadway , Huntington Park, CA 90255	\$176,000	1941	3	2	1204	05/11/2009	0.09 mi
L.	6225-025-028	4100 Clara ST , Cudahy, CA 90201	\$160,000	1960	3	3	1909	10/27/1988	0.09 mi
M.	6214-019-009	4072 Hill ST , Huntington Park, CA 90255	\$138,000	1928	3	1	1025	01/23/1997	0.09 mi
N.	6225-025-031	4136 Clara ST , Cudahy, CA 90201	\$138,000	1986	3	2	1189	02/12/1998	0.09 mi
O.	6214-019-004	4103 Broadway , Huntington Park, CA 90255	\$145,000	1941	2	2	1313	10/07/1999	0.09 mi
P.	6225-027-011	7706 Otis AVE , Cudahy, CA 90201	\$124,000	1945	2	1	720	12/02/1992	0.10 mi
Q.	6214-015-019	4061 Hill ST , Huntington Park, CA 90255	\$250,000	1946	3	1	1278	03/31/2009	0.10 mi



Subject Property

APN	Property Address	Sale Price	Year Built	Beds	Baths	Sq. Ft.	Rec. Date	Dist. from Subj.
6225-026-002	, , CA							

Comparable Sales

R.	6214-019-028	4081 Broadway , Huntington Park, CA 90255	\$161,000	1920	3	2	1060	12/07/1993	0.10 mi
S.	6214-019-011	4077 Broadway , Huntington Park, CA 90255	\$142,000	1929	2	1	1020	11/30/1995	0.10 mi
T.	6214-019-017	4062 Hill ST , Huntington Park, CA 90255	\$180,000	1938	2	1	815	10/01/2012	0.11 mi
U.	6214-019-012	4071 Broadway , Huntington Park, CA 90255	\$272,000	1929	2	1	1056	02/25/2013	0.11 mi
V.	6214-015-018	4055 Hill ST , Huntington Park, CA 90255	\$88,000	1946	3	1	1264	04/25/1989	0.11 mi
W.	6225-022-035	7631 Otis AVE , Cudahy, CA 90201	\$225,000	1922	3	1	904	10/14/2011	0.11 mi
X.	6214-019-013	4067 Broadway , Huntington Park, CA 90255	\$211,500	1929	2	1	1098	06/20/2011	0.12 mi
Y.	6225-024-002	4022 Clara ST , Cudahy, CA 90201	\$30,500	1922	2	3	1320	09/02/1975	0.12 mi

Comparable Statistics			
	<u>Average :</u>	<u>Low :</u>	<u>High :</u>
Sale Price:	\$165,500	\$30,500	\$415,000
Loan Amount:	\$161,009	\$75,750	\$290,500
Bedrooms:	3	1	4
Bathrooms:	2	1	3
Sq. Ft.:	1115	520	2020
Sale \$ / Sq. Ft.*:	\$148	\$59	\$205

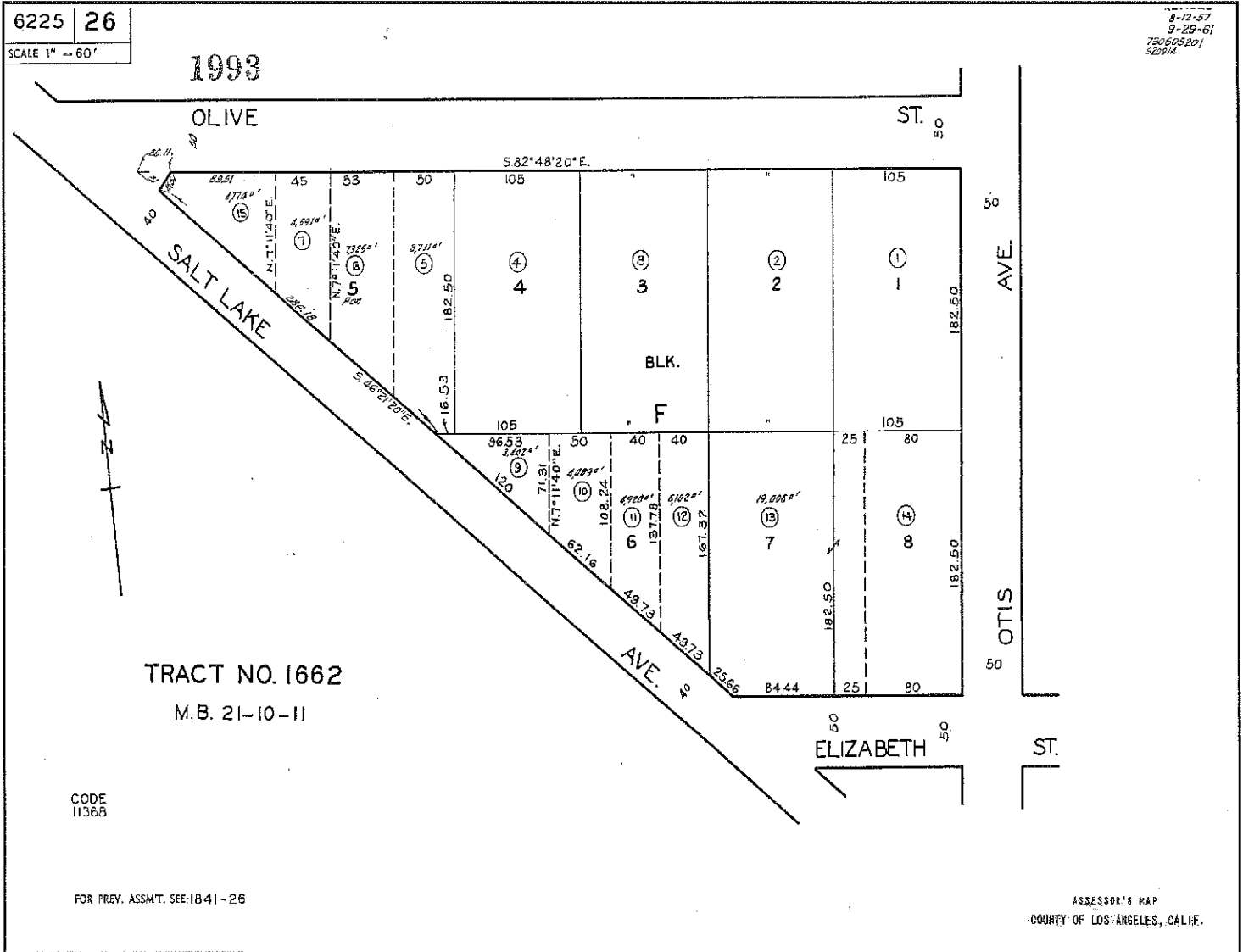
\*\$/Sq.Ft. is a calculation of Sale Price divided by Sq.Ft.



First American

myFirstAm® Tax Map

, , CA





*First American*

---

*my*FirstAm® Combined Report

, , CA

Property Address:

, CA



First American

myFirstAm® Property Profile

, , CA

Property Information			
Owner(s):	Covert Roy P And Vickie L Trs / Covert Family Trust	Mailing Address:	6396 Forester Dr, Huntington Beach, CA 92648
Owner Phone:	Unknown	Property Address:	, , CA
Vesting Type:	Trustee	Alt. APN:	
County:	Los Angeles	APN:	6225-026-003
Map Coord:	59-C1	Census Tract:	
Lot#:	3	Block:	F
Subdivision:	1662	Tract:	1662
Legal:	Tract # 1662 Lot 3		

Property Characteristics			
Use:	Sfr	Year Built / Eff. :	/
Zoning:	HPM1-M2*	Lot Size Ac / Sq Ft:	0.437 / 19051
Bedrooms:		Bathrooms:	
# Rooms:		Quality:	
Pool:		Air:	
Stories:		Improvements:	
Gross Area:		Garage Area :	
		Sq. Ft. :	
		# of Units:	
		Fireplace:	
		Heating:	
		Style:	
		Parking / #:	/
		Basement Area:	

Sale and Loan Information			
Sale / Rec Date:		*\$/Sq. Ft.:	
Sale Price:		2nd Mtg.:	
Doc No.:		1st Loan:	
Doc Type:		Loan Type:	
Seller:		Transfer Date:	
		Lender:	
		Prior Sale Amt:	
		Prior Sale Date:	
		Prior Doc No.:	
		Prior Doc Type:	

\*\$/Sq.Ft. is a calculation of Sale Price divided by Sq.Feet.

Tax Information			
Imp Value:	\$6,121	Exemption Type:	
Land Value:	\$171,504	Tax Year / Area:	2018 / 11-368
Total Value:	\$177,625	Tax Value:	
Total Tax Amt:	\$2,577.50	Improved:	3%



*First American*

myFirstAm® Transaction History

, CA

Transaction History provides records for the past ten years. To request additional information, please contact your local Sales Representative, Customer Service Department, or for an additional fee you may [click here](#).

History Record # 1 : SALE/TRANSFER

Buyer:	Covert Family Trust	Seller:	Covert Roy P & Vickie L
Transaction Date:	04/02/2008	Sale Price:	
Recording Date:	04/04/2008	Sale Price Type:	
Recorded Doc #:	586747	Title Company:	
Document Type:	Deed Transfer	Vesting Type:	Personal Trust

History Record # 2 : SALE/TRANSFER

Buyer:	Covert,Roy P & Vickie L	Seller:	Covert Roy P
Transaction Date:	04/02/2008	Sale Price:	
Recording Date:	04/04/2008	Sale Price Type:	
Recorded Doc #:	586746	Title Company:	
Document Type:	Deed Transfer	Vesting Type:	Personal Trust

History Record # 3 : SALE/TRANSFER

Buyer:	Covert,Roy P	Seller:	Covert Walter R
Transaction Date:	11/09/2004	Sale Price:	
Recording Date:	11/16/2004	Sale Price Type:	
Recorded Doc #:	2971635	Title Company:	
Document Type:	Deed Transfer	Vesting Type:	Separate



First American

myFirstAm® Comparable Sales

, , CA

Subject Property

APN	Property Address	Sale Price	Year Built	Beds	Baths	Sq. Ft.	Rec. Date	Dist. from Subj.
6225-026-003	, , CA							

Comparable Sales

A.	6225-025-011	4127 Olive ST , Cudahy, CA 90201	\$101,000	1924	1	1	520	01/04/2012	0.04 mi
B.	6225-025-010	4131 Olive ST , Cudahy, CA 90201	\$135,000	1964	2	2	936	09/08/2009	0.05 mi
C.	6225-025-027	4085 Olive ST , Cudahy, CA 90201	\$415,000	1994	3	2	2020	12/17/2008	0.06 mi
D.	6225-025-007	7727 Otis AVE , Cudahy, CA 90201	\$100,000	1922	3	2	896	07/02/1993	0.06 mi
E.	6225-025-006	7723 Otis AVE , Cudahy, CA 90201	\$200,000	1924	1	1	592	04/30/2012	0.07 mi
F.	6225-025-005	7719 Otis AVE , Cudahy, CA 90201	\$195,000	1924	2	2	739	09/20/2010	0.07 mi
G.	6225-025-004	7717 Otis AVE , Cudahy, CA 90201	\$179,000	1924	4	2	1217	02/28/2003	0.08 mi
H.	6214-019-009	4072 Hill ST , Huntington Park, CA 90255	\$138,000	1928	3	1	1025	01/23/1997	0.08 mi
I.	6214-015-019	4061 Hill ST , Huntington Park, CA 90255	\$250,000	1946	3	1	1278	03/31/2009	0.08 mi
J.	6225-025-029	4106 Clara ST , Cudahy, CA 90201	\$170,000	1960	4	3	1618	08/10/1994	0.08 mi
K.	6225-025-028	4100 Clara ST , Cudahy, CA 90201	\$160,000	1960	3	3	1909	10/27/1988	0.08 mi
L.	6214-019-003	4107 Broadway , Huntington Park, CA 90255	\$176,000	1941	3	2	1204	05/11/2009	0.08 mi
M.	6214-019-002	4111 Broadway , Huntington Park, CA 90255	\$126,500	1941	3	2	1065	08/23/1988	0.08 mi
N.	6214-019-004	4103 Broadway , Huntington Park, CA 90255	\$145,000	1941	2	2	1313	10/07/1999	0.09 mi
O.	6214-015-018	4055 Hill ST , Huntington Park, CA 90255	\$88,000	1946	3	1	1264	04/25/1989	0.09 mi
P.	6214-019-028	4081 Broadway , Huntington Park, CA 90255	\$161,000	1920	3	2	1060	12/07/1993	0.09 mi
Q.	6214-019-017	4062 Hill ST , Huntington Park, CA 90255	\$180,000	1938	2	1	815	10/01/2012	0.09 mi

Subject Property

APN	Property Address	Sale Price	Year Built	Beds	Baths	Sq. Ft.	Rec. Date	Dist. from Subj.
6225-026-003	, , CA							

Comparable Sales

R.	6214-019-011	4077 Broadway , Huntington Park, CA 90255	\$142,000	1929	2	1	1020	11/30/1995	0.09 mi
S.	6225-027-013	7716 Otis AVE , Cudahy, CA 90201	\$75,000	1947	4	2	1086	07/27/1984	0.10 mi
T.	6214-019-012	4071 Broadway , Huntington Park, CA 90255	\$272,000	1929	2	1	1056	02/25/2013	0.10 mi
U.	6225-025-031	4136 Clara ST , Cudahy, CA 90201	\$138,000	1986	3	2	1189	02/12/1998	0.10 mi
V.	6214-015-017	4035 Hill ST , Huntington Park, CA 90255	\$88,500	1946	3	1	1384	10/29/1985	0.10 mi
W.	6225-024-002	4022 Clara ST , Cudahy, CA 90201	\$30,500	1922	2	3	1320	09/02/1975	0.10 mi
X.	6214-019-013	4067 Broadway , Huntington Park, CA 90255	\$211,500	1929	2	1	1098	06/20/2011	0.10 mi
Y.	6214-015-014	7807 Salt Lake AVE , Huntington Park, CA 90255	\$8,500	1946	6	3	1846	10/10/1972	0.10 mi



Comparable Statistics			
	<u>Average :</u>	<u>Low :</u>	<u>High :</u>
Sale Price:	\$155,420	\$8,500	\$415,000
Loan Amount:	\$161,194	\$75,750	\$290,500
Bedrooms:	3	1	6
Bathrooms:	2	1	3
Sq. Ft.:	1179	520	2020
Sale \$ / Sq. Ft.*:	\$132	\$16	\$205

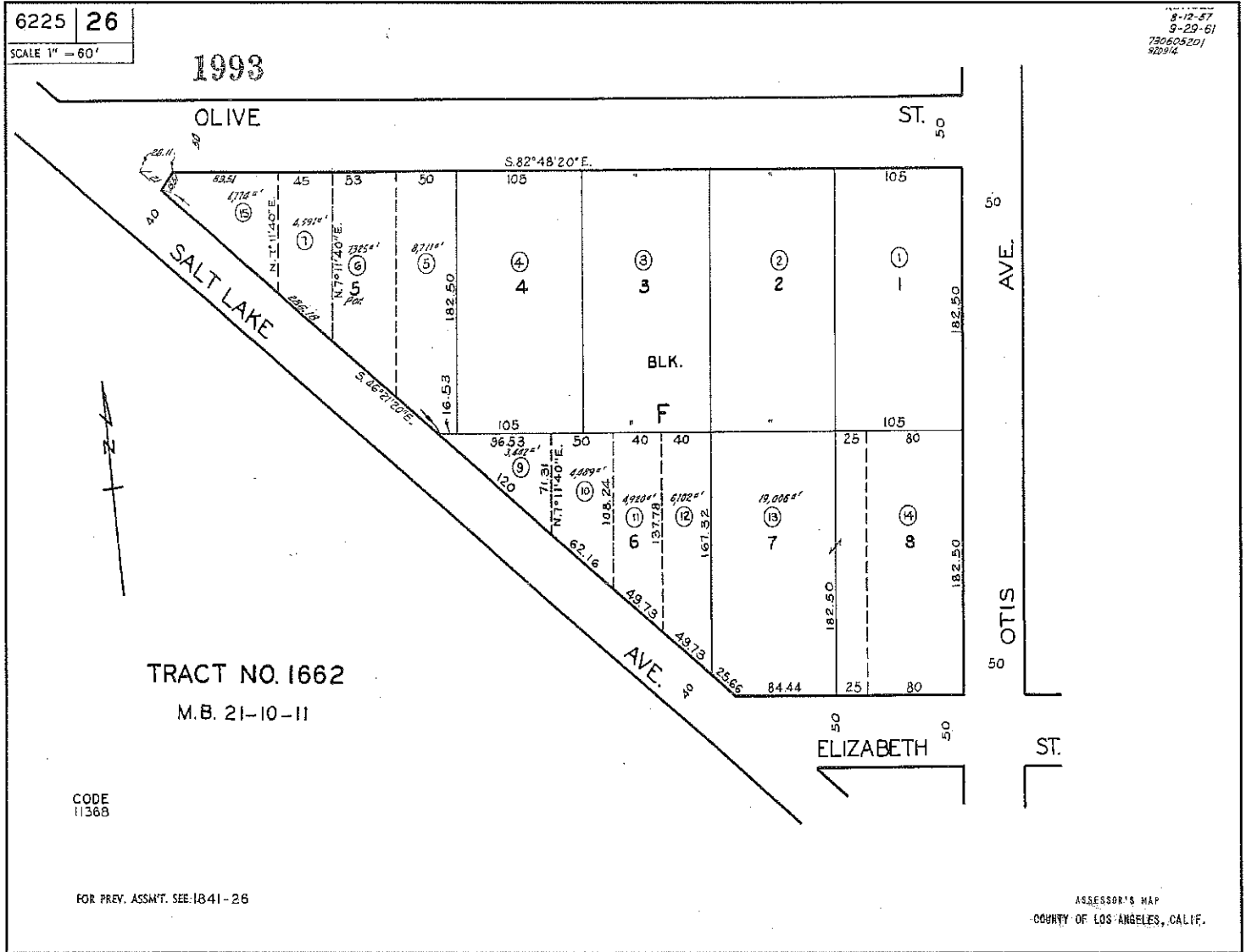
\*\$/Sq.Ft. is a calculation of Sale Price divided by Sq.Ft.



First American

myFirstAm® Tax Map

,, CA



**Exhibit B**

City Directory Report, Aerial Photographs and Sanborn Map Report

**7801 Otis Avenue**

7801 Otis Avenue

Huntington Park, CA 90255

Inquiry Number: 5444809.5

October 05, 2018

## The EDR-City Directory Abstract



6 Armstrong Road  
Shelton, CT 06484  
800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

## TABLE OF CONTENTS

### SECTION

Executive Summary

Findings

City Directory Images

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

#### **Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OR DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2017 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc. or its affiliates is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

## 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.

EDR is licensed to reproduce certain City Directory works by the copyright holders of those works. The purchaser of this EDR City Directory Report may include it in report(s) delivered to a customer. Reproduction of City Directories without permission of the publisher or licensed vendor may be a violation of copyright.

Data by

*infoUSA*

Copyright©2008  
All Rights Reserved

### 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, Inc	-	X	X	-
	Haines Company, Inc	X	X	X	-
	Haines Company, Inc.	-	X	X	-
	Haines Company, Inc.	X	X	X	-
2004	Haines Company	-	-	-	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	-	-	-
2000	Haines & Company	-	X	X	-
	Haines & Company	X	X	X	-
1999	Haines Company	-	-	-	-

## EXECUTIVE SUMMARY

<u>Year</u>	<u>Source</u>	<u>TP</u>	<u>Adjoining</u>	<u>Text Abstract</u>	<u>Source Image</u>
1996	GTE	-	-	-	-
1995	Pacific Bell	-	-	-	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	-	-	-
1990	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	-	-	-
1981	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1980	Pacific Telephone Co	-	-	-	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	-	-	-
1972	R. L. Polk & Co.	-	-	-	-
1971	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1970	Pacific Telephone	-	-	-	-
1969	Pacific Telephone	-	-	-	-
1967	Pacific Telephone	-	X	X	-
1966	Pacific Telephone	-	-	-	-
1965	GTE	-	-	-	-
1964	Pacific Telephone	-	X	X	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	X	X	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Pacific Telephone & Telegraph Co.	-	X	X	-
1950	Pacific Telephone	-	X	X	-
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	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>
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 Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	-	-	-
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>
7835 Otis Avenue	Client Entered	X

# FINDINGS

## TARGET PROPERTY INFORMATION

### ADDRESS

7801 Otis Avenue  
Huntington Park, CA 90255

### FINDINGS DETAIL

Target Property research detail.

### OTIS

#### 7801 OTIS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	AUGUSTINA S ENTERPRISES INC BELL	Pacific Bell
	R J B FOOD CO BELL	Pacific Bell
1981	KNIGHT TRANSPORT INC HTG PK	Pacific Telephone
1971	Mc Vay W H petrolm distr	Pacific Telephone
	Sunland Refining Corp	Pacific Telephone

### Otis Ave

#### 7801 Otis Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	ACES TEXT ONLY CENTER	EDR Digital Archive
	AS SMOG TEST	EDR Digital Archive
	GLEZ AUTO PROS SERVICE	EDR Digital Archive
	PENNY RECYCLING 17	EDR Digital Archive
	UBS WHEEL & TIRE	EDR Digital Archive
2010	ACES TEXT ONLY CENTER	EDR Digital Archive
	DUENAS ROBERTO	EDR Digital Archive
	LOPEZ GERARDO	EDR Digital Archive
	MATIAS AUTO REPAIR AND ELC	EDR Digital Archive

### OTIS AVE

#### 7801 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PRECISION CUSTOM	Haines Company, Inc
	SOUND	Haines Company, Inc
	PRECISION CUSTOM	Haines Company, Inc.

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SOUND	Haines Company, Inc.
2000	XXXX	Haines & Company

### Otis Avenue

7835 Otis Avenue

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	COVERT Walter	Haines & Company

## FINDINGS

### ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

#### Broadway

##### 4077 Broadway

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	GUTIERREZ JUAN MANUEL	EDR Digital Archive
	GUTIERREZ JUAN MANUEL	EDR Digital Archive

#### BROADWAY

##### 4077 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Bdway HtgPrk Voss Clyde V r	Pacific Telephone & Telegraph Co.

##### 4080 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Bdway HtgPrk Feinberg Ruth	Pacific Telephone & Telegraph Co.

##### 4081 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Bdway HtgPk Kusy Pete W r	Pacific Telephone & Telegraph Co.

##### 4083 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1929	Newell Hesper J bkpr Eno Rubber Corp	Los Angeles Directory Co.

##### 4102 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SIRIMITR SOMCHITT HTG PK	Pacific Bell
1986	SIRIMITR SOMCHITT HTG PK	Pacific Bell
1971	Estes R H	Pacific Telephone
1967	Estes Hugh	Pacific Telephone
1962	Estes Hugh	Pacific Telephone

##### 4103 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Carpenter Albert Lamar	Pacific Telephone
1967	Carpenter Albert Lamar	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	Carpenter Albert Lamar	Pacific Telephone
<b>4107 BROADWAY</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	RODDY EDWL JR HTG PK	Pacific Bell
1967	Parris Harold L	Pacific Telephone
1962	Vanderpool Marion D	Pacific Telephone
<b>4108 BROADWAY</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Tate Wilbur M	Pacific Telephone
	Trotter W H	Pacific Telephone
1967	Trotter W H	Pacific Telephone
1962	Trotter W H	Pacific Telephone
1951	Bdway HtgPrk Trotter W H r	Pacific Telephone & Telegraph Co.
<b>4111 BROADWAY</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Heyman Mary E	Pacific Telephone
1962	Heyman Arthur A	Pacific Telephone
	Heyman Helen	Pacific Telephone
<b>4112 BROADWAY</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BARAJAS MANUEL HTG PK	Pacific Telephone
1971	Hilson Arthur R	Pacific Telephone
1967	Hilson Arthur R	Pacific Telephone
1962	Hilson Althur R	Pacific Telephone
1951	Bdway HtgPk Curnow Ben r	Pacific Telephone & Telegraph Co.
<b>4117 BROADWAY</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Meniece Effie A	Pacific Telephone
1962	Meniece Effie A	Pacific Telephone
	Dahl Dorothea	Pacific Telephone
1951	Bdway HtgPrk Barry Dorothea r	Pacific Telephone & Telegraph Co.
<b>4122 BROADWAY</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
1971	Kayser David A	Pacific Telephone

## FINDINGS

### 4126 BROADWAY

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	REZA LUIS AGUIRRE HTG PK	Pacific Bell
1981	SEWELL ROBT HTG PK	Pacific Telephone
1967	Kayser David A	Pacific Telephone
1962	Kayser David A	Pacific Telephone

### BROADWAY ST

#### 4102 BROADWAY ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	OCARDONAFredy e	Haines Company, Inc
2000	SIRIMITR Somchitt	Haines & Company

#### 4103 BROADWAY ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e FLORES Jorge	Haines Company, Inc

#### 4107 BROADWAY ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SERVICE	Haines Company, Inc
	a VELAZQUEZ Eduardo	Haines Company, Inc
	EAGLE ELECTRICAL	Haines Company, Inc
2000	VELASQUEZ Eduardo	Haines & Company

#### 4108 BROADWAY ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e TORRES Ramon	Haines Company, Inc
	MORALES PAINTING	Haines Company, Inc
	CONTRACTOR	Haines Company, Inc
2000	CARPENTER P	Haines & Company

#### 4111 BROADWAY ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a ESTRADAJavier	Haines Company, Inc
2000	ESTRADA Santiago	Haines & Company

#### 4112 BROADWAY ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	LUA Frandisco	Haines Company, Inc
2000	LUA Francisco	Haines & Company



## FINDINGS

### 4116 BROADWAY ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VARGAS Samuel	Haines Company, Inc
2000	CERVANTES Miguel	Haines & Company

### 4117 BROADWAY ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a FLORESAdo Ifo FLORES Felipe	Haines Company, Inc Haines Company, Inc

### 4122 BROADWAY ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GUTIERREZRoman	Haines Company, Inc
2000	GUTIERREZ Roman	Haines & Company

### 4126 BROADWAY ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e AGUIRREULis	Haines Company, Inc
2000	AGUIRRE Luis	Haines & Company

### CLARA

#### 4070 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MARES TORRES SOLEDAD CDHY	Pacific Bell

#### 4100 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	FRAGOSO DANIEL CDHY	Pacific Bell

#### 4101 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	KNIGHT DALE CDHY	Pacific Telephone
1971	Hillyer Borden Mrs	Pacific Telephone
1967	Wright Ida May	Pacific Telephone
1962	Wright Ida May	Pacific Telephone

#### 4106 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	MOLINA YOLANDA MARTINEZ CDHY	Pacific Telephone

## FINDINGS

### 4107 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	STEVENS BRADLEY CDHY	Pacific Bell
	STEVENS KATHRYN CDHY	Pacific Bell

### 4113 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	NAJERA LEONARDA CDHY	Pacific Bell
1986	NAJERA LEONARDA CDHY	Pacific Bell
1981	FAGAN CHAS CDHY	Pacific Telephone
1971	Fagan Chas	Pacific Telephone

### 4114 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	VARGAS JOSEFINA CDHY	Pacific Bell

### 4123 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	LLAMS JUAN L CDHY	Pacific Telephone
1971	Aguilar Luis	Pacific Telephone
	Cabello Patricio	Pacific Telephone
1967	Aguilar Luis	Pacific Telephone

### 4124 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	GONZALEZ HUMBERTO & EMILIA CDHY	Pacific Telephone
	MONTES NATIVIDAD CDHY	Pacific Telephone
	TARACENA MARIA CDHY	Pacific Telephone
1971	Larson Karen	Pacific Telephone
	Littleton Jas H	Pacific Telephone
	Littleton Mary Ann	Pacific Telephone
	Rasmussen Paul C	Pacific Telephone
	Serrano Orestes	Pacific Telephone
	Vitalbo Robt J	Pacific Telephone
	Amijo Manuel A	Pacific Telephone
	Boham Robt	Pacific Telephone
1967	Miller Robt	Pacific Telephone
	Jones Roy D	Pacific Telephone
	Trawczynski Agnes	Pacific Telephone



## FINDINGS

### 4205 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	CORNEJO ISAIAS G CDHY	Pacific Bell
1981	CORNEJO ISAIAS G CDHY	Pacific Telephone
1967	Roberts L Dale Rev	Pacific Telephone
1962	Horkunow Alexander	Pacific Telephone

### 4207 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ESCALANTE ESTEBAN CDHY	Pacific Bell

### 4212 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	PRIMERA IGLESIA BAPTISTA DEL SUR CDHY	Pacific Bell
1986	FIRST SOUTHERN BAPTIST CHURCH OF CUDAHY CDHY	Pacific Bell
1981	FIRST SOUTHERN BAPTIST CHURCH OF CUDAHY CDHY	Pacific Telephone
1962	Hulbert Harry C	Pacific Telephone
1958	Hulbert Harry C	Pacific Telephone

### 4213 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	NEVAREZ APOLONIO CDHY	Pacific Bell
1986	NEVAREZ APOLONIO CDHY	Pacific Bell
1971	Talley Jan B	Pacific Telephone
1962	Burgess Marian	Pacific Telephone
	Grames Betty	Pacific Telephone

### 4215 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MORAN RAUL ERNESTO CDHY	Pacific Bell
1986	MORAN RAUL ERNESTO CDHY	Pacific Bell
1981	NEVAREZ APOLONIO CDHY	Pacific Telephone
1971	Edwards Jane	Pacific Telephone
1967	Edwards Jane	Pacific Telephone
1962	Owens Eugene W	Pacific Telephone

### 4216 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GARCIA M CDHY	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GARCIA RINA CDHY	Pacific Bell
1971	Edwards Iva	Pacific Telephone
	Torrez Geo	Pacific Telephone
	Torrez Margaret	Pacific Telephone
1967	Torrez Margaret	Pacific Telephone
	Torrez Geo	Pacific Telephone
	Edwards Iva	Pacific Telephone
1962	Harder Raymond	Pacific Telephone
	Hagerty Bella E	Pacific Telephone
	Hagerty Vern W	Pacific Telephone

### 4218 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LACAYO RODOLFO CDHY	Pacific Bell
	RIVERA VIRGINIA CDHY	Pacific Bell
	ROSALES ANA CDHY	Pacific Bell
1986	SANCHEZ N CDHY	Pacific Bell
	SANCHEZ JOSE LUIS CDHY	Pacific Bell
1981	HIBINSKI DORICE CDHY	Pacific Telephone
1971	Bland John M	Pacific Telephone
	Moore Myrtle	Pacific Telephone
1967	Jacobs Melvin T	Pacific Telephone
	Webb Jos H	Pacific Telephone
1962	Minor Ethel B	Pacific Telephone
	Minor Zazell D	Pacific Telephone
	Minor Ethel L	Pacific Telephone

### 4219 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MOORE MYRTLE CDHY	Pacific Bell
1986	MOORE MYRTLE CDHY	Pacific Bell
1981	MOORE MYRTLE CDHY	Pacific Telephone
1971	Sedlmayr Joan	Pacific Telephone
1967	Sedlmayr Joan	Pacific Telephone
1962	Sedlmayr Joan	Pacific Telephone

### 4222 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	MORENO MARIA CDHY	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	AISPURO SATURNINO CDHY	Pacific Bell
1981	ZAVALA SUSANA C CDHY	Pacific Telephone
	SANDOVAL SATURNINO CDHY	Pacific Telephone
	PERALTA LOUIE CDHY	Pacific Telephone
	OROZCO ALICIA ARAMBURO CDHY	Pacific Telephone
1971	Valencia Beatrice	Pacific Telephone
	Knowles Lila	Pacific Telephone
	Hartwich Lester W	Pacific Telephone
	Hernandez Mary	Pacific Telephone
1967	Gamble D R	Pacific Telephone
1962	Duby Ronald	Pacific Telephone

### 4229 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	IGLESIA CENTRO CRISTIANO DE CUDAHY CDHY	Pacific Bell
	COMMUNITY CHRISTIAN CENTER CDHY	Pacific Bell
1986	IGLESIA CENTRO CRISTIANO DE CUDAHY CDHY	Pacific Bell
	COMMUNITY CHRISTIAN CENTER CDHY	Pacific Bell
1981	COMMUNITY CHRISTIAN CENTER CDHY	Pacific Telephone
1971	Evangelical Methodist Church	Pacific Telephone
1967	Evangelical Methodist Church	Pacific Telephone

### 4235 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	TRI-CITY FAMILY GUIDANCE CENTER CDHY	Pacific Bell
1971	Hensley Robt	Pacific Telephone
	Hensley Pearl	Pacific Telephone
1967	Allen Abe	Pacific Telephone
	Allen Martha	Pacific Telephone

### 4239 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	VANCE NELSON A REV & DOROTHY CDHY	Pacific Telephone
1971	White Lawrence	Pacific Telephone
1967	White Lawrence	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1962	White Lawrence	Pacific Telephone

### 4241 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	THURMAN JOHN TOM CDHY	Pacific Bell
1986	THURMAN JOHN TOM CDHY	Pacific Bell
1981	NEHILLA STEPHEN REV CDHY	Pacific Telephone
1962	Sparks Bessie	Pacific Telephone

### 4242 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	BELL AREA ELEMENTARY SCHOOL NUMBER ONE CDHY	Pacific Bell
1981	MARSHALL ALLEN M CDHY	Pacific Telephone
1971	Grimes Ben R	Pacific Telephone
	Luque Eduardo R	Pacific Telephone
	Nikstaitis Donna	Pacific Telephone
1967	Clinger Grace Suszan	Pacific Telephone
	Clinger Wm M	Pacific Telephone
	May Alexander	Pacific Telephone
1962	Depew Frank B	Pacific Telephone

### 4245 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	WRIGHT ARTHUR T CDHY	Pacific Bell
1986	WRIGHT ARTHUR T CDHY	Pacific Bell
1981	WRIGHT ARTHUR T CDHY	Pacific Telephone
1971	Wright Arthur T	Pacific Telephone
1967	Wright Arthur T	Pacific Telephone
1962	Wright Arthur T	Pacific Telephone

### 4246 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	GONZALEZ ANTONIO CDHY	Pacific Bell
	RAMIREZ ELIAS CDHY	Pacific Bell
	RODRIGUEZ MARIA G CDHY	Pacific Bell
1981	OJEDA ISMAEL O CDHY	Pacific Telephone
	GONZALEZ ANTONIO CDHY	Pacific Telephone
	GALLEGOS AGUSTIN CDHY	Pacific Telephone
	COSIO LAURA R CDHY	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	PERALES JOSE CDHY	Pacific Telephone
	RAMIREZ ELIAS CDHY	Pacific Telephone
	RON DANL CDHY	Pacific Telephone
	RUIZ GLORIA CDHY	Pacific Telephone
	SAIZA JUAN CDHY	Pacific Telephone
	VARGAS CECILIA CDHY	Pacific Telephone
1971	Yellowhair Alfred	Pacific Telephone
	Weeldreyer Jennifer	Pacific Telephone
	Marshall Allen M	Pacific Telephone
	Allen Chas H	Pacific Telephone
1967	Balagna Sharon Mrs	Pacific Telephone
	Cook S W	Pacific Telephone
	Venters Bobby G	Pacific Telephone
	Mooney Willis W	Pacific Telephone

### 4251 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BARNES SHIRLEY L MRS CDHY	Pacific Telephone
1971	Veazey L E	Pacific Telephone
1967	Veazey L E	Pacific Telephone
1962	Veazey L E	Pacific Telephone

### 4255 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	KEMP K C CDHY	Pacific Bell
	CONRAD JACK A CDHY	Pacific Bell
1981	PATHAK RASSHMIN CDHY	Pacific Telephone
	PATEL KHANDU K CDHY	Pacific Telephone
	BHATT LATA CDHY	Pacific Telephone
1971	Abbott Tree Service	Pacific Telephone
	Abaca Tree Service	Pacific Telephone

### 4215 1/2 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MORAN AMANDA CDHY	Pacific Bell

### 4223 1/2 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MCKAY DANIEL E CDHY	Pacific Bell



## FINDINGS

### 4240 1/4 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	MEEKER C CDHY	Pacific Bell

### 4240 3/4 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	GARCIA DAVID CDHY	Pacific Telephone

### 4242 3/4 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	ESPINOZA GUILLERMO C CDHY	Pacific Telephone

### 4249 1/2 CLARA

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SAENZ GEORGE CDHY	Pacific Bell

### CLARA ST

#### 4100 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CHAIDES Lamberta	Haines Company, Inc.
	FRAGOSO Daniel	Haines Company, Inc.
	CHAIDES Lamberta	Haines Company, Inc
	FRAGOSO Daniel	Haines Company, Inc
2000	FRAGOSO Daniel	Haines & Company
1976	Corona Geo	Pacific Telephone

#### 4101 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	WRIGHT Ida	Haines & Company
1976	Barnes Shirley L Mrs	Pacific Telephone

#### 4106 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GONZALEZEnca	Haines Company, Inc.
	GONZALEZ Edca	Haines Company, Inc
	CHAVEZJuvent Ino	Haines Company, Inc
	CHAVEZJuventIno	Haines Company, Inc.
2000	CHAVEZ Juventino	Haines & Company

## FINDINGS

### 4107 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FLORES Angelica	Haines Company, Inc.
	FLORES Francisco R	Haines Company, Inc.
	VILLAREAL Alfredo	Haines Company, Inc.
	FLORES Angelica	Haines Company, Inc.
	FLORES Francisco R	Haines Company, Inc.
	VILLAREAL Alfredo	Haines Company, Inc.
2000	FLORES A	Haines & Company
	FLORES Francisco R	Haines & Company
1951	Clara St Bell Shira Martin L	Pacific Telephone & Telegraph Co.

### 4112 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
	No Current Listing	Haines Company, Inc.
2000	VARGAS Pedro	Haines & Company
1976	Caterino A J	Pacific Telephone
1958	Caterino A J	Pacific Telephone
1951	Clara Caterino A J r	Pacific Telephone & Telegraph Co.

### 4113 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e NAJERA Hector	Haines Company, Inc.
	o NAJERA Heclor	Haines Company, Inc.
2000	NAJERA Hector	Haines & Company
1976	Fagan Chas	Pacific Telephone
1958	Stafford Grace	Pacific Telephone
1951	Clara Stafford Grace r	Pacific Telephone & Telegraph Co.

### 4114 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	VARGA Josefina	Haines & Company
1958	Matthews P L	Pacific Telephone

### 4116 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VARGAS Luis	Haines Company, Inc.
	VARGAS Luis	Haines Company, Inc.
2000	VARGAS Luis	Haines & Company



## FINDINGS

### 4118 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
2000	VARGAS M	Haines & Company
1958	OHara Edw	Pacific Telephone
1951	Clara St Bell Rodriguez Reynaldo T r	Pacific Telephone & Telegraph Co.

### 4119 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Francisco	Haines Company, Inc.
	MONCLOVA	Haines Company, Inc
	MONCLOVA	Haines Company, Inc.
	Francisco	Haines Company, Inc
2000	MONCLOVA Francisco	Haines & Company
1976	Mondova Francisco	Pacific Telephone
1958	Goertz May B	Pacific Telephone
1951	Clara Cudahy Karch C J r	Pacific Telephone & Telegraph Co.

### 4123 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
	No Current Listing	Haines Company, Inc.
2000	LOPEZ Etelvina	Haines & Company
1958	Bonham Chas A	Pacific Telephone
1951	Clara Strain Lyle J r	Pacific Telephone & Telegraph Co.

### 4124 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RAMIREZYad Ira	Haines Company, Inc
	OREJEL Luos	Haines Company, Inc
	OREGEL Maria	Haines Company, Inc
	Anrando	Haines Company, Inc
	HERRERAROMERO	Haines Company, Inc
	RAMIREZ Yadira	Haines Company, Inc.
	OREJELLuis	Haines Company, Inc.
	Armando OREGELMaria	Haines Company, Inc.
	HERRERAROMERO	Haines Company, Inc.
2000	VEGA Sanchez Manuel	Haines & Company
	MOREJON B	Haines & Company
1976	Zuniga Hellen Brown	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Rosenstein J C	Pacific Telephone
	Rios Anthony	Pacific Telephone
	Del Castillo Guillermo	Pacific Telephone
	Brown C Lily	Pacific Telephone
1958	Marella Filomena Mrs	Pacific Telephone
1951	Clara Marella Filomena Mrs r	Pacific Telephone & Telegraph Co.

### 4132 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SCORONA Jose	Haines Company, Inc.
	CORONA Jose	Haines Company, Inc
	ROJAS Amparo	Haines Company, Inc
2000	XXXX	Haines & Company

### 4133 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company
1958	Strain Vernon	Pacific Telephone
1951	Clara St Bell Strain Vernon r	Pacific Telephone & Telegraph Co.

### 4136 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CRUZ Macedonio	Haines Company, Inc
	CRUZ Macedonio	Haines Company, Inc.
2000	MORATAYA Edgar	Haines & Company

### 4151 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Gonzales Gregorio J	Pacific Telephone

### 4205 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SALAZAR Alicia	Haines Company, Inc.
	a SALAZAR Allcia	Haines Company, Inc
2000	CORNEJO Isaias	Haines & Company

## FINDINGS

### 4207 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	PEREZ Antonlo e	Haines Company, Inc
	PEREZAntonio 00 a	Haines Company, Inc.
2000	PEREZ Antonio	Haines & Company
1976	Medina Aristeo T	Pacific Telephone
1958	Marlin Margaret Mrs	Pacific Telephone

### 4210 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	KIM Hyung Oh	Haines & Company
1951	Clara Maslowski Alex r	Pacific Telephone & Telegraph Co.

### 4212 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	BAUTISTA	Haines Company, Inc.
	PRIMERA IGLESIA	Haines Company, Inc
	BAUTISTA	Haines Company, Inc
	PRIMERAIGLESIA	Haines Company, Inc.
2000	PRIMERA IGLESIA	Haines & Company
1976	First Southern Baptist Church Of Cudahy	Pacific Telephone
1951	Clara Cudahy Hulbert Harry C r	Pacific Telephone & Telegraph Co.

### 4213 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	NEVAREZApol lono	Haines Company, Inc.
	NEVAREZApolonio	Haines Company, Inc
2000	NEVAREZ Apolonio	Haines & Company
1976	Burgess Marion	Pacific Telephone
1958	Burgess Marian	Pacific Telephone
	Grames Betty	Pacific Telephone

### 4215 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RODRIGUEZA	Haines Company, Inc.
	YA MENDOZA Indaledu	Haines Company, Inc.
	RODRIGUEZA	Haines Company, Inc
	V 1 MENDOZAIndaledu	Haines Company, Inc
2000	SOLARES Lucia	Haines & Company
	a 1/2 MORAN Amanda	Haines & Company
1976	Grames Elizabeth	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Johnson Karen D	Pacific Telephone
	Oreilli Leo F	Pacific Telephone
1958	Mc Artor Delbert E	Pacific Telephone
	Tarbet Chas F	Pacific Telephone
1951	Clara Burgess Marion r	Pacific Telephone & Telegraph Co.

### 4216 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SEGOBEINO M	Haines Company, Inc
	RUIZJose	Haines Company, Inc
	SEGOBEINOM	Haines Company, Inc.
	RUIZJose	Haines Company, Inc.
2000	a 1/2 RODRIGUEZ Maria	Haines & Company
1976	Edwards Iva	Pacific Telephone

### 4218 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ARREOLA Salvador	Haines Company, Inc.
	MARTINEZ Guadalupe	Haines Company, Inc.
	ANTUNEZ Edgar	Haines Company, Inc
	ARREOLA Salvador 323 560 8267D	Haines Company, Inc
	MARTINEZ Guadalupe	Haines Company, Inc
	ANTUNEZ Edgar	Haines Company, Inc.
2000	TORRES Valarie	Haines & Company
1958	Edwards Eugene	Pacific Telephone
1951	Clara Habich Henry r	Pacific Telephone & Telegraph Co.

### 4219 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ALBACelio 00 q	Haines Company, Inc.
	a ALBA Cello	Haines Company, Inc
2000	ALBA Cello	Haines & Company
1976	Moore Myrtle	Pacific Telephone
1958	Sedlmayr Joan	Pacific Telephone
1951	Clara Cridebring D L r	Pacific Telephone & Telegraph Co.

### 4222 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Figueroa Jessie S	Pacific Telephone
	Carrillo Appolonio	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Reeves Florence B	Pacific Telephone
1951	Clara Reeves Florence B r	Pacific Telephone & Telegraph Co.

### 4223 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	a 1/2 MCKAY Daniel E	Haines & Company
1958	Mc Kay Herbert Mrs	Pacific Telephone

### 4225 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 4228 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Jaques Roy	Pacific Telephone
1951	Clara Stowe Dan	Pacific Telephone & Telegraph Co.

### 4229 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1976	Evangelical Methodist Church	Pacific Telephone
1951	Clara Cudahy Community Church	Pacific Telephone & Telegraph Co.
	Clara Ankerberg Paul R Rev Cudahy Community Church	Pacific Telephone & Telegraph Co.

### 4232 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Suddarth A C	Pacific Telephone
1951	Clara Bliss L E r	Pacific Telephone & Telegraph Co.
	Clara Sferrazza Angelo r	Pacific Telephone & Telegraph Co.

### 4235 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CUDAHY RMN CATH	Haines Company, Inc
2000	CUDAHY RMN CATH MSN	Haines & Company
1958	Veazey Andrew J	Pacific Telephone

### 4238 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1958	Graham Carl B	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Clara Graham Carl B r	Pacific Telephone & Telegraph Co.

### 4239 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RAMIREZENRIQUE	Haines Company, Inc.
	RAMIREZ ENRIQUE	Haines Company, Inc
2000	XXXX	Haines & Company
1976	White Lawrence	Pacific Telephone
1958	White Lawrence	Pacific Telephone

### 4241 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CUDAHY ROMAN	Haines Company, Inc
	CATHOLIC MISSION	Haines Company, Inc.
	CUDAHYROMAN	Haines Company, Inc.
	CATHOLIC MISSION	Haines Company, Inc
2000	CUDAHY RMN CATH MSN	Haines & Company
1976	Grigg C W	Pacific Telephone

### 4242 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CONSTRUCTION	Haines Company, Inc
	DJM	Haines Company, Inc
	CONSTRUCTION TERESA HUGHES	Haines Company, Inc.
	CONSTRUCTION DJM	Haines Company, Inc.
	DJM	Haines Company, Inc.
	CONSTRUCTION	Haines Company, Inc
	TERESA HUGHES	Haines Company, Inc
2000	TERESA HUGHES SC	Haines & Company
1976	Marshall Allen M	Pacific Telephone
	Santiago Violela	Pacific Telephone
1958	Depew Frank B	Pacific Telephone

### 4244 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1976	Mc Intyre Bettye J	Pacific Telephone
1958	Wright W A	Pacific Telephone
1951	Clara Bell Wright W A r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 4245 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Wright Arthur T	Pacific Telephone
1958	Wright Arthur T	Pacific Telephone
1951	Clara Bell Wright Arthur T r	Pacific Telephone & Telegraph Co.

### 4246 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Stull Chas E	Pacific Telephone
	Meeker C	Pacific Telephone
	Vasquez Isabel	Pacific Telephone
	Youn Woung Shup	Pacific Telephone
	Ramirez Elias	Pacific Telephone

### 4249 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ALBANEZ Carmen	Haines Company, Inc.
	HERNANDEZMaribel	Haines Company, Inc
	ALBANEZ Carmen	Haines Company, Inc
	HERNANDEZ Manbel	Haines Company, Inc.
1976	Coronel Evaristo	Pacific Telephone
1958	Kane Lois E	Pacific Telephone

### 4251 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
	No Current Listing	Haines Company, Inc.
2000	SAENZ George	Haines & Company
1958	Veazey D T	Pacific Telephone
1951	Clara Bell Veazey D T r	Pacific Telephone & Telegraph Co.

### 4255 CLARA ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	A SUAZO Manbel	Haines Company, Inc.
	SANCHEZLethcia	Haines Company, Inc.
	ROJASMana	Haines Company, Inc.
	PATELNarendra	Haines Company, Inc.
	ORELLANA Francisco	Haines Company, Inc.
	NAJARRO Rosa	Haines Company, Inc.
	C o BAZALAR Cartos F	Haines Company, Inc.
	CONRAD Jack	Haines Company, Inc.



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DELACRUZ Hector	Haines Company, Inc.
	FELTY Cole	Haines Company, Inc.
	o GUERRAJuan	Haines Company, Inc.
	LOPEZ Francisco 00 i	Haines Company, Inc.
2000	GUERRERO Salvador	Haines & Company
	MOLINA Teresa	Haines & Company
1951	Clara Staples J D r	Pacific Telephone & Telegraph Co.

### E HILL ST

#### 4051/2 E HILL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1950	ADOX HAROLD A ALONG BCH40-5570	Pacific Telephone

### ELIZABETH

#### 4238 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MOOSE CENTERLESS GRINDING HTG PK	Pacific Bell

#### 4240 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	J & M SCREW PRODUCTS HTG PK	Pacific Bell

#### 4242 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SUNSET FURNITURE HTG PK	Pacific Bell

#### 4246 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	DRY ICE SERVICE CDHY	Pacific Bell
1981	QUALITY MACHINING CDHY	Pacific Telephone

#### 4248 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	TARIN RAY CDHY	Pacific Bell
1986	TARIN RAY CDHY	Pacific Bell
1967	Snyder Palmer S	Pacific Telephone

## FINDINGS

### 4250 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MANN WILAMINE L CDHY	Pacific Bell

### 4256 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	TORRES JOSE & MARIA CDHY	Pacific Bell

### 4262 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	VEGA-ACOSTA MANUEL CDHY	Pacific Bell
1981	PEDRO AGUILAR CDHY	Pacific Telephone

### 4248 1/2 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	CENICEROS FRANCISCO CDHY	Pacific Telephone

### 4248 3/4 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	CARRAZCO ROSA CDHY	Pacific Bell

### 4250 1/2 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	LORD MARNA CDHY	Pacific Bell

### 4250 3/4 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	VILLALOBOS MIGUEL CDHY	Pacific Bell

### 4261 1/2 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	TURELL HIRAM CDHY	Pacific Bell
1981	RODRIGUEZ PEDRO C CDHY	Pacific Telephone

### 4263 1/2 ELIZABETH

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	RAMIREZ PEDRO G CDHY	Pacific Bell

## FINDINGS

### ELIZABETH ST

#### 4230 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth HtgPrk Nafziger Louis D r	Pacific Telephone & Telegraph Co.

#### 4234 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	SOLT John	Haines & Company

#### 4236 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	t CONTRERAS	Haines Company, Inc
	GARDEN SUPPLY	Haines Company, Inc
2000	LARIOS RAMOS PEORD	Haines & Company
	XXXX	Haines & Company

#### 4238 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	REPAIR	Haines Company, Inc
	MG MOTORCYCLE	Haines Company, Inc
2000	M G MOTORCYCLE RPR	Haines & Company
1976	Adco Metal Products & Fixtures	Pacific Telephone

#### 4240 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
	XXXX	Haines & Company

#### 4242 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CORNEJO FINE FURNITURE	Haines & Company
	XXXX	Haines & Company
1976	KEATORS SCREEN GRAPHICS	Pacific Telephone
1951	Elizabth Townsend C R r	Pacific Telephone & Telegraph Co.

#### 4243 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Cook Gilbert E	Pacific Telephone
1951	Elizabth Bell Cox Kenneth W r	Pacific Telephone & Telegraph Co.
	Elizabth Bell Wilder Russell r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 4244 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	RODRIGUEZ Robert R 35 BW	Haines & Company
	XXXX	Haines & Company

### 4246 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SUPER WELTS	Haines Company, Inc
2000	SUPER WELTS	Haines & Company

### Elizabeth St

#### 4247 Elizabeth St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	LOS ANGELES UNIFIED SCHOOL DST	EDR Digital Archive
	LOS ANGELES UNIFIED SCHOOL DST	EDR Digital Archive
2010	LOS ANGELES UNIFIED SCHL DIST	EDR Digital Archive
	LOS ANGELES UNIFIED SCHL DIST	EDR Digital Archive

### ELIZABETH ST

#### 4247 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

#### 4248 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RAMON Rogelio	Haines Company, Inc
	PENALOZARamona	Haines Company, Inc
	RAMONRogelia	Haines Company, Inc.
	PENALOZARamona	Haines Company, Inc.
2000	a 1/2 WILLIAMS Brian	Haines & Company
	RAMON Gema	Haines & Company
1976	Ceniceros Francisco	Pacific Telephone
1958	Bridges L C	Pacific Telephone
1951	Elizabeth Marten Jas I r	Pacific Telephone & Telegraph Co.

#### 4249 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

## FINDINGS

### 4250 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	VALENZUELA Rosana o VALENZUELARoasna	Haines Company, Inc. Haines Company, Inc
2000	XXXX	Haines & Company
1976	Bennett Donna	Pacific Telephone

### 4251 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 4253 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Munos Steven D	Pacific Telephone
1958	Ast Walter	Pacific Telephone
1951	Elizabth Ast Walter r	Pacific Telephone & Telegraph Co.

### 4254 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RENTERIA Ricardo RENTERIA Rcardo	Haines Company, Inc Haines Company, Inc.
2000	RENTERIA Ricardo	Haines & Company
1976	Wilson Harry C	Pacific Telephone
1958	Wilson Harry C	Pacific Telephone
1951	Elizabth Wilson Harry C r	Pacific Telephone & Telegraph Co.

### 4255 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Dunn Stidger	Pacific Telephone

### Elizabeth St

#### 4256 Elizabeth St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	HERRERA MARIA HERRERA MARIA	EDR Digital Archive EDR Digital Archive
2010	HERRERA MARIA HERRERA MARIA	EDR Digital Archive EDR Digital Archive

## FINDINGS

### ELIZABETH ST

#### 4256 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o RENTERIANorma RENTERIA Norma	Haines Company, Inc Haines Company, Inc.
2000	RENTERIA	Haines & Company
1976	Atkins Juanita G Mrs	Pacific Telephone
1958	Atkins Juasita G Mrs	Pacific Telephone

#### 4258 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	TOCA Douglas	Haines & Company
1958	Purtymun L G Bryans Chas H	Pacific Telephone Pacific Telephone
1951	Elizabth Bryans Chas H r	Pacific Telephone & Telegraph Co.

#### 4260 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

#### 4261 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Haney Dicie E Stark Jas Wm	Pacific Telephone Pacific Telephone

#### 4263 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Liesinger Arthur E	Pacific Telephone

#### 4302 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth Av Bell Bailey Louise r	Pacific Telephone & Telegraph Co.

#### 4306 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth Bell Gibbins Nelda r	Pacific Telephone & Telegraph Co.

#### 4307 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth Bisek J W r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 4308 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth Fullerton Dorothy	Pacific Telephone & Telegraph Co.

### 4311 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth Dey Chas E r	Pacific Telephone & Telegraph Co.

### 4312 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth De Bruyn Allan D r	Pacific Telephone & Telegraph Co.

### 4318 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth Bell Norton Chas Glenn r	Pacific Telephone & Telegraph Co.

### 4324 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth Av Bell Mathis Wm r	Pacific Telephone & Telegraph Co.

### 4331 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth Brown Seldon E r	Pacific Telephone & Telegraph Co.

### 4332 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth Scarlett Henrietta r	Pacific Telephone & Telegraph Co.

### 4334 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth Bell Robinett Clyde A r	Pacific Telephone & Telegraph Co.

### 4336 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Gregory S J	Pacific Telephone
1951	Elizabth Gregory S J r	Pacific Telephone & Telegraph Co.
	Elizabth Bell Cox Geo W r	Pacific Telephone & Telegraph Co.

### 4339 ELIZABETH ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Elizabth Av Rowe Gene T r	Pacific Telephone & Telegraph Co.



## FINDINGS

### HILL

#### 4056 HILL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	ADAMS RICHARD A HTG PK	Pacific Bell
1986	ADAMS RICHARD A HTG PK	Pacific Bell
1981	ADAMS RICHARD A HTG PK	Pacific Telephone
1971	Murillo Richard Gilbert	Pacific Telephone
	Adams Richard A	Pacific Telephone
1967	Adams Richard A	Pacific Telephone
1962	Hunt E L	Pacific Telephone

#### 4064 HILL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	CASTILLO RAYNOLDO & SOLEDAD HTG PK	Pacific Bell
1986	NAVARRETE ERNESTINA RODRIGUEZ HTG PK	Pacific Bell
1981	NAVARRETE ERENSTINA RODRIGUEZ HTG PK	Pacific Telephone
1962	Gagey Carl	Pacific Telephone
	Gagey Huberta	Pacific Telephone

#### 4066 HILL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	MARQUEZ EFREN HTG PK	Pacific Bell
1967	Kasye E E	Pacific Telephone

#### 4074 HILL

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	BACA NINFA HTG PK	Pacific Telephone
1971	Pitochelli Anthony L	Pacific Telephone
	Pitochelli Joann	Pacific Telephone
1967	Pitochelli Joann	Pacific Telephone
	Pitochelli Anthony L	Pacific Telephone

### HILL ST

#### 4052 HILL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Hill HtgPrk Seward Robt F r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 4056 HILL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Hill HtgPrk Ewing C K r	Pacific Telephone & Telegraph Co.

### 4061 HILL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Hill HtgPrk Green E B r	Pacific Telephone & Telegraph Co.

### 4062 HILL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a JIMENEZ Iris	Haines Company, Inc
2000	JIMENEZ Ramiro	Haines & Company
1958	Payne Max J	Pacific Telephone
1951	Hill HtgPrk Bennett Elmer C r	Pacific Telephone & Telegraph Co.

### 4064 HILL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	DIAZ Maria	Haines Company, Inc
2000	NAVARRETE Jose	Haines & Company
1958	Layland Herbert D	Pacific Telephone
1951	Hill HtgPrk Volk Dorothy Mrs	Pacific Telephone & Telegraph Co.

### 4066 HILL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	NAVARRETE Maria	Haines & Company
1951	Hill HtgPrk Layland Herbert D r	Pacific Telephone & Telegraph Co.

### 4072 HILL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a ROJAS Roslna	Haines Company, Inc
2000	ROJAS Rosina	Haines & Company
1958	Helwig Robt E	Pacific Telephone
	Helwig Carol A	Pacific Telephone
1951	Hill HtgPrk Pogue Dale R r	Pacific Telephone & Telegraph Co.

### 4074 HILL ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ROMERO Donald	Haines Company, Inc
	a BACA Ninfa	Haines Company, Inc
2000	BACA Isidiro	Haines & Company
1976	Romero Melvin	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Romero Pat	Pacific Telephone
1958	Scherbert Frank W	Pacific Telephone
1951	Hill HtgPrk Scherbert Frank W r	Pacific Telephone & Telegraph Co.

### OLIVE

#### 4069 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	VASQUEZ SARA CDHY	Pacific Bell
1986	VASQUEZ RAYMOND CDHY	Pacific Bell
1981	VASQUEZ ROYMAND CDHY	Pacific Telephone
1971	Vasquez Raymond	Pacific Telephone
1962	Soto Manuel R	Pacific Telephone
	Soto Carol Ann	Pacific Telephone

#### 4073 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	CISNEROS AURELIA CDHY	Pacific Telephone
1967	Valenzuela Marina	Pacific Telephone
1962	Lara Gloria	Pacific Telephone

#### 4075 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	CISNEROS MANUEL CDHY	Pacific Bell
1986	CISNEROS MANUEL CDHY	Pacific Bell
1981	CISNEROS MANUEL CDHY	Pacific Telephone
1971	Castaneda Tim P	Pacific Telephone
	Castaneda Linda	Pacific Telephone
1967	Castaneda Tim P	Pacific Telephone
	Castaneda Linda	Pacific Telephone
1962	Salazar Frances D	Pacific Telephone

#### 4086 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	VARGAS AUSENCIO HTG PK	Pacific Bell
	VARGAS MARIA HTG PK	Pacific Bell
1981	VARGAS AUSENCIO HTG PK	Pacific Telephone

## FINDINGS

### 4102 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	AEROSPACE ALLOYS TIN BUYR HTG PK	Pacific Bell
1986	COMET MFG CO HTG PK	Pacific Bell
	SANCO SALES HTG PK	Pacific Bell
	CW MACHINE HTG PK	Pacific Bell
1981	BELCHER GRINDING & MACHINING HTG PK	Pacific Telephone
1976	General Bookbinding	Pacific Telephone
1967	General Bookbinding	Pacific Telephone

### 4117 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	GARCIA DANIEL W CDHY	Pacific Bell
1967	Belk Rose Rodela Mrs	Pacific Telephone

### 4125 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	MONCLOVA RAYMOND CDHY	Pacific Bell
1986	MONCLOVA RAYMOND CDHY	Pacific Bell
1981	MONCLOVA RAYMOND CDHY	Pacific Telephone
1971	Cobos Juan	Pacific Telephone
	Monclova Raymond	Pacific Telephone
1967	Monclova Raymond	Pacific Telephone
1962	Monclova Raymond	Pacific Telephone

### 4135 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	MONTEZ CARMEN PINA CDHY	Pacific Bell

### 4115 1/2 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	RUBIO NORMA A CDHY	Pacific Bell

### 4119 1/2 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	NINUTO RENE CDHY	Pacific Bell
	NINUTO CONCEPCION CDHY	Pacific Bell



## FINDINGS

### 4125 1/3 OLIVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	PINA CARMEN MONTES CDHY	Pacific Bell

### OLIVE ST

#### 4006 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Olive HtgPrk Frandsen Lyle r	Pacific Telephone & Telegraph Co.

#### 4010 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Olive HtgPrk Higgins T P r	Pacific Telephone & Telegraph Co.

#### 4022 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1957	CRAIG DOLORES MRS	Pacific Telephone

#### 4051 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o VALENZUELASergio	Haines Company, Inc
	VALENZUELASergio	Haines Company, Inc.
2000	VALENZUELA Sergio	Haines & Company
1958	Jones Andrew C	Pacific Telephone

#### 4057 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CASTILLO Maria	Haines Company, Inc.
	Berfalia	Haines Company, Inc.
	CASTILLO Marda	Haines Company, Inc
	Benfalla	Haines Company, Inc
2000	XXXX	Haines & Company

#### 4061 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CADENASJavier	Haines Company, Inc
	CADENAS Javler	Haines Company, Inc.
2000	MINGURA Beatrice	Haines & Company
1958	Pratt Donald	Pacific Telephone
1951	Olive Bell Bradley Ira Lex r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 4063 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SANDOVAL Edmundo	Haines Company, Inc.
	SANDOVAL Edmundo	Haines Company, Inc
2000	SANDOVAL Edmundo	Haines & Company

### 4065 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Johnson Ellen F	Pacific Telephone
1951	Olive Bell Weeks Jewell H r	Pacific Telephone & Telegraph Co.

### 4067 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	aSANDOVAL Edmundo	Haines Company, Inc
	SANDOVAL Edmundo	Haines Company, Inc.
2000	SANDOVAL Edmundo	Haines & Company
1958	Salazar Manuel D	Pacific Telephone

### 4069 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
	No Current Listing	Haines Company, Inc
1958	Soto Manuel	Pacific Telephone

### 4072 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	AIR FILTER SERV CO	Pacific Telephone
1951	Olve HtgPrk Willoughby Lois W Mrs r	Pacific Telephone & Telegraph Co.

### 4073 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc.
	No Current Listing	Haines Company, Inc
2000	XXXX	Haines & Company

### 4075 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CISNEROS Manuel	Haines Company, Inc.
	CISNEROS Manuel	Haines Company, Inc
2000	CISNEROS Manuel	Haines & Company
1958	Salazar Frances D	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Olive Bell Salazar Manuel D r	Pacific Telephone & Telegraph Co.

### 4081 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FLOWER SHOP	Haines Company, Inc.
	OC 10 Mana	Haines Company, Inc.
	Delcarmen	Haines Company, Inc.
	MARGARrr AIS	Haines Company, Inc
	FLOWER SHOP	Haines Company, Inc
	OCHO Maria	Haines Company, Inc
	Delcarmen	Haines Company, Inc
	MARGARITAS	Haines Company, Inc.
2000	APARICIO Soledad	Haines & Company

### 4085 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GONZALEZ Antonio	Haines Company, Inc
	GONZALEZAnlonro	Haines Company, Inc.
2000	MACHUCA Jose	Haines & Company
1951	Olive Bell Garcia Andrew r	Pacific Telephone & Telegraph Co.

### 4086 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	BLAS Jorge	Haines & Company

### 4087 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	Olve Bretz Robt H r	Pacific Telephone & Telegraph Co.

### 4101 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	GARCIA Mario	Haines Company, Inc
	GARCIAMario	Haines Company, Inc.
2000	GARCIA Mario	Haines & Company
1958	Rubio Vincent Jr	Pacific Telephone
1954	PATTON VERNE D	R. L. Polk & Co.
1950	PATTON VERNE D	Pacific Telephone



## FINDINGS

### 4102 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	AEROSPACE ALLOYS	Haines Company, Inc
2000	BLAS Jorge	Haines & Company
	AEROSPACEALLOYS	Haines & Company
1976	Belcher Grinding & Machining	Pacific Telephone

### 4103 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	/ ALCALA Emily	Haines Company, Inc
	/ ALCALA Emily	Haines Company, Inc.
2000	XXXX	Haines & Company
1958	Rubio Vincent	Pacific Telephone
1954	SHEDENHELM C D R	R. L. Polk & Co.
1951	Olive Rubio Vincent r	Pacific Telephone & Telegraph Co.
1950	SHEDENHELM C D R	Pacific Telephone

### 4105 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1954	SWAFFIELD PHIL M MRS	R. L. Polk & Co.
1950	BERRY DONR	Pacific Telephone

### 4106 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Olive HtgPrk Torres Richard r	Pacific Telephone & Telegraph Co.

### 4115 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	is GODINEZ Lilian	Haines Company, Inc.
	GOMEZ Miguel 323 773 6057 D	Haines Company, Inc
	V GODINEZLillan	Haines Company, Inc
	GOMEZMiguel	Haines Company, Inc.
2000	GOMEZ Miguel	Haines & Company
1958	Casas Cruz G	Pacific Telephone
1951	Olive Casas Cruz G r	Pacific Telephone & Telegraph Co.

### 4117 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
	No Current Listing	Haines Company, Inc.
2000	BONILLA Julian	Haines & Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1958	Rodela Paul	Pacific Telephone
1951	Olive Adams Dolores	Pacific Telephone & Telegraph Co.

### 4119 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
	No Current Listing	Haines Company, Inc.
2000	XXXX	Haines & Company

### 4120 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1964	JOHNSON MARLENE LONG BEACH	Pacific Telephone

### 4121 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Olive Torres Gumisindo r	Pacific Telephone & Telegraph Co.

### 4125 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	REYES Berta	Haines Company, Inc
	ALVARADO Alfred	Haines Company, Inc
	e ALVARADO Alfred	Haines Company, Inc.
	REYES Berha	Haines Company, Inc.
2000	PINA Carmen Montes	Haines & Company
	ALVARADO Alfred	Haines & Company
1958	Monclova Raymond	Pacific Telephone
1951	Olive Monclova Raymond r	Pacific Telephone & Telegraph Co.

### 4127 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RODRIGUEZ Teresa	Haines Company, Inc.
	RODRIGUE 2 Z Teresa	Haines Company, Inc
2000	ALCANTAR Teresa	Haines & Company
	RODRIGUEZ Teresa 00 a	Haines & Company
1951	Olive Bell Navarro Dolores r	Pacific Telephone & Telegraph Co.

### Olive St

#### 4131 Olive St

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	VANESSA LIBERTAD GARCIA FDN	EDR Digital Archive

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	VANESSA LIBERTAD GARCIA FDN	EDR Digital Archive

### OLIVE ST

#### 4131 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ORGANESRaocio	Haines Company, Inc.
	TORRES Martha	Haines Company, Inc.
	TORRES Martha	Haines Company, Inc
1951	Olive Ortiz Eustacio r	Pacific Telephone & Telegraph Co.

#### 4135 OLIVE ST

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	COLLAO C	Haines & Company
	BUS 20 RES 10 NEW	Haines & Company

### OTIS

#### 7810 OTIS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	OPERATION UPBEAT BELL	Pacific Bell
	PLACEMENT SERVICE FOR OLDER WORKERS BELL	Pacific Bell
	AZTEC DRIVING SCHOOL BELL	Pacific Bell

#### 7821 OTIS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	COVERT IRON WORKS HTG PK	Pacific Bell
1986	COVERT IRON WORKS HTG PK	Pacific Bell
1971	COVERT IRON WORKS	Pacific Telephone

#### 7912 OTIS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	DOMINGUEZ SYLVIA HTG PK	Pacific Telephone
1967	Valencia Ernest	Pacific Telephone
1962	Smith Chas Philip	Pacific Telephone

#### 7922 OTIS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	SORIA JORGE HTG PK	Pacific Bell
1986	SORIA JORGE HTG PK	Pacific Bell

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	SORIA JORGE HTG PK	Pacific Telephone
1971	Place Park E	Pacific Telephone

### OTIS AVE

#### 7700 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FRANKSMKT	Haines Company, Inc
	FRANKS MKT	Haines Company, Inc.
1990	FRANK S MKT CDHY	Pacific Bell
1976	Franks Mkt	Pacific Telephone
1951	Otis Av Hermann Bernard r	Pacific Telephone & Telegraph Co.

#### 7701 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

#### 7702 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

#### 7703 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

#### 7706 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a FLORES Carios	Haines Company, Inc
	a FLORES Carlas	Haines Company, Inc.
2000	FLORES C	Haines & Company
	FRANKS MKT	Haines & Company
1976	Lopez Jose	Pacific Telephone
1951	Otis Av Wachendorf Harry r	Pacific Telephone & Telegraph Co.

#### 7709 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1981	RIVERIA UPHOLSTERY CDHY	Pacific Telephone
1976	Riveria Upholstery	Pacific Telephone

## FINDINGS

### 7710 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MUNOZYoana	Haines Company, Inc.
	MUNOZYoana	Haines Company, Inc
	MUNOZJoanna	Haines Company, Inc
	MUNOZ Joanna	Haines Company, Inc.
2000	SOTO Joe	Haines & Company
	OLIVER Frank	Haines & Company

### 7711 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	JANET BEAUTY	Haines Company, Inc.
	SALON	Haines Company, Inc
	JANET BEAUTY	Haines Company, Inc
	SALON	Haines Company, Inc.
2000	ALFREDOS BEAUTY SLN	Haines & Company
	ANGIES PARTY SUP	Haines & Company
1990	TIME VIDEO CDHY	Pacific Bell
1976	Romero Business Service	Pacific Telephone

### 7712 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	LOMELI H	Haines & Company
1990	MUNOZ SERGIO CDHY	Pacific Bell

### 7713 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	e TORIBIORafael	Haines Company, Inc.
	e TORIBIO Rafael	Haines Company, Inc
2000	TORIBIO R	Haines & Company
1990	TORIBIO RAFAEL CDHY	Pacific Bell
1981	TORIBIO RAFAEL CDHY	Pacific Telephone
1951	Otis Av Kolstad Geo Jr r	Pacific Telephone & Telegraph Co.

### 7716 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	QUINTANA M	Haines Company, Inc
	a QUINTANAM	Haines Company, Inc.
2000	QUINTANA Marino	Haines & Company
1990	QUINTANA ERNESTO CDHY	Pacific Bell
1951	Otis Av Ferreiro Delfin r	Pacific Telephone & Telegraph Co.

## FINDINGS

### 7717 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a LOMELI Hector	Haines Company, Inc.
	a LOMELI Hector	Haines Company, Inc.
1981	FITZPATRICK JOHN F CDHY	Pacific Telephone
	FITZPATRICK ADELYNE CDHY	Pacific Telephone
1976	Fitzpatrick Adelyne	Pacific Telephone
	Fitzpatrick John F	Pacific Telephone
1951	Otis Av Loya Magdalena r	Pacific Telephone & Telegraph Co.

### 7719 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a SOTO Joe	Haines Company, Inc.
	a SOTO Joe	Haines Company, Inc.
1990	SOTO JOE G SR CDHY	Pacific Bell
1976	Soto Joe G Sr	Pacific Telephone
1951	Otis Av Collins Otis r	Pacific Telephone & Telegraph Co.

### 7720 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a SERRANO Luis	Haines Company, Inc.
	SERRANO Luis	Haines Company, Inc.
2000	HYATT Manlee J	Haines & Company
	HYATT Doannle M	Haines & Company
1990	HYATT DANNIE M & MARILEE J CDHY	Pacific Bell
1981	HYATT DANNIE M & MARILEE J CDHY	Pacific Telephone
1976	Warren Helen C Mrs	Pacific Telephone
1951	Otis Av Warren Thos L r	Pacific Telephone & Telegraph Co.

### 7723 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a MARTINEZ Jose	Haines Company, Inc.
	BELTRAN Aurora	Haines Company, Inc.
	MARTINEZ Jose	Haines Company, Inc.
	BELTRAN Aurora	Haines Company, Inc.
2000	MORENO	Haines & Company
1990	MORENO FRANK CDHY	Pacific Bell
1976	Franklin W C	Pacific Telephone

## FINDINGS

### 7726 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	FREGEAU Jos	Haines Company, Inc
	FREGEAUJos	Haines Company, Inc.
2000	FREGEAU Jos	Haines & Company
1990	FREGEAU JOS CDHY	Pacific Bell
1976	Fregeau Jos	Pacific Telephone

### 7727 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a GOMEZ Ruben	Haines Company, Inc
	GOMEZRuben	Haines Company, Inc.
2000	GOMEZ	Haines & Company
1990	JOHNSTON HARRY H CDHY	Pacific Bell
1976	Johnston Harry H	Pacific Telephone
1958	Johnston Harry H	Pacific Telephone
1951	Otis Av Bell Johnston Harry H r	Pacific Telephone & Telegraph Co.

### 7730 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1951	Otis Av Bell Fregeau Jos r	Pacific Telephone & Telegraph Co.

### 7731 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a ALVIDREZ Maria	Haines Company, Inc
	VILLANUEVA S	Haines Company, Inc
	a ALVIDREZMana	Haines Company, Inc.
	VILLANUEVA S	Haines Company, Inc.
2000	ALVIDREZ Maria D	Haines & Company
1990	ALVIDREZ COSME CDHY	Pacific Bell
1951	Otis Av Bell Bower Melvin M r	Pacific Telephone & Telegraph Co.

### 7732 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	ORLINO AUGUSTA CDHY	Pacific Bell

### 7733 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CRUZEverardo Z	Haines Company, Inc.
	a CRUZ Everardo Z	Haines Company, Inc



## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	CRUZ Everardo Z	Haines & Company
1990	CRUZ EVERARDO Z CDHY	Pacific Bell
1976	Bustos Celia	Pacific Telephone
	Bustos Luis	Pacific Telephone

### 7734 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company

### 7735 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	a SANCHEZEva	Haines Company, Inc
	SANCHEZ Eva	Haines Company, Inc.
2000	SANCHEZ Aurelo	Haines & Company
	GARCIA Mansol G	Haines & Company
1951	Otis Av Bell Moore Robt r	Pacific Telephone & Telegraph Co.

### 7736 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RONALD Silva	Haines Company, Inc
	AMBRIZGriselda	Haines Company, Inc
	a YANEZEEmilio	Haines Company, Inc.
	RONALD Silva	Haines Company, Inc.
	AMBRIZGnselda	Haines Company, Inc.
2000	COVARRUBIAS Manuel	Haines & Company
1958	Van Nort C A	Pacific Telephone
1951	Otis Av Bell Van Nort C A r	Pacific Telephone & Telegraph Co.

### Otis Ave

#### 7810 Otis Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	LUGO PARK	EDR Digital Archive
	LUGO PARK	EDR Digital Archive
2010	LUGO PARK	EDR Digital Archive
	LUGO PARK	EDR Digital Archive

## FINDINGS

### OTIS AVE

#### 7810 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CUDAHYCTYLUGO	Haines Company, Inc
	CUDAHYCTYLUGO	Haines Company, Inc.
2000	CUDAHY CTY LUGO PARK	Haines & Company
	BUS 68 RES 29 NEW	Haines & Company

#### 7821 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Otis HtgPrk Covert Iron Wrks	Pacific Telephone & Telegraph Co.

#### 7826 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	S Otis HtgPrk Jacobson John r	Pacific Telephone & Telegraph Co.
	Otis Av Mercury Trailer Prk	Pacific Telephone & Telegraph Co.
	Otis Av HtgPrk Douglass Howard L	Pacific Telephone & Telegraph Co.

#### 7830 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Traffic & Transportatio	Pacific Telephone
	SOUTHERN CALIFORNIA EDISON CO GENERAL OFFICES ONLY For Service Or Billing Information Please See Listings Above For Your Area	Pacific Telephone

#### 7912 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	Alberta CHAVARRIALebia	Haines Company, Inc
	BANEGASZ Noe	Haines Company, Inc
2000	XXXX	Haines & Company

#### 7922 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MAYORL Miina	Haines Company, Inc
	RODRIGUEZ Pefty	Haines Company, Inc
2000	MIRANDA Ang	Haines & Company

## FINDINGS

### Otis Ave

#### 8006 Otis Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	PARTY SUPPLY RIVERA	EDR Digital Archive
	PARTY SUPPLY RIVERA	EDR Digital Archive

#### 8010 Otis Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	CAMARGO SERVICES CO INC	EDR Digital Archive
	CAMARGO SERVICES CO INC	EDR Digital Archive
2010	CAMARGO SERVICES CO INC	EDR Digital Archive
	CAMARGO SERVICES CO INC	EDR Digital Archive

#### 8017 Otis Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	ALONSO RAMIREZ	EDR Digital Archive
	ALONSO RAMIREZ	EDR Digital Archive

### OTIS AVE

#### 7710 1/2 OTIS AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1986	TORIBIO BENJAMIN R CDHY	Pacific Bell

### SALT LAKE AVE

#### 7810 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	UNION LIFT	Haines Company, Inc
	UNION LIFT	Haines Company, Inc.
2000	L A BOILER SERVICE	Haines & Company
1990	L A BOILER SERVICE HTG PK	Pacific Bell
1986	L A BOILER SERVICE HTG PK	Pacific Bell
1981	BILL BOOTH CONSTRUCTION HTG PK	Pacific Telephone
	L A BOILER SERVICE HTG PK	Pacific Telephone
1976	Exxel Steel & Iron Works Of California	Pacific Telephone

#### 7816 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	MEX TUBIFEX	Haines & Company

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	D C AUTOMOTIVE HTG PK	Pacific Telephone
<b>7822 SALT LAKE AVE</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	EL TACAZO RESTAURANTS	Haines Company, Inc
2000	EL DIABLO EL TACAZO FOODS	Haines & Company
	GONZALEZ GARZA	Haines & Company
	GONZALEZ Hector	Haines & Company
	JIM JAMES PRODUCTIONS	Haines & Company
	NEON MICRO SYSTEMS	Haines & Company
	RECYCLERS ANIMATION THE	Haines & Company
1990	EL TACAZO COMMISSARY HTG PK	Pacific Bell
	FLOWER PANTIES HTG PK	Pacific Bell
	LADY FINGER HTG PK	Pacific Bell
	LAVEY INDUSTRIES HTG PK	Pacific Bell
	MANCHILD HTG PK	Pacific Bell
1986	AHUMADA FOOD SERVICE CORP HTG PK	Pacific Bell
	EL TACAZO COMMISSARY HTG PK	Pacific Bell
1981	FOX PEGGY & MARTIN PRINTING & GRAPHILCS HTG PK	Pacific Telephone
1964	RITCHIE ADHESIVE CO	Pacific Telephone
1960	RITCHIE ADHESIVE CO	Pacific Telephone
<b>7824 SALT LAKE AVE</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1981	BARKER WILEY S USED APPLIANCES HTG PK	Pacific Telephone
	BARKER WILEY S USED APPLIANCES HTG PK	Pacific Telephone
<b>7830 SALT LAKE AVE</b>		
<u>Year</u>	<u>Uses</u>	<u>Source</u>
2000	XXXX	Haines & Company
1986	AEROSPACE ALLOYS TIN BUYR HTG PK	Pacific Bell



## FINDINGS

### 7846 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1976	Reyes Jackie	Pacific Telephone

### 7848 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CONSTR	Haines Company, Inc
	PARRISH J H	Haines Company, Inc
	CONSTR	Haines Company, Inc
	PARRISH J H	Haines Company, Inc
2000	PARRISH J H CONSTR	Haines & Company
	PARRISH J H CONSTR	Haines & Company
1990	PARRISH J H CONSTRUCTION HTG PK	Pacific Bell
	PARRISH J H CONSTRUCTION HTG PK	Pacific Bell
	CEBALLOS ELEUTERIO HTG PK	Pacific Bell
1986	PARRISH J H CONSTRUCTION HTG PK	Pacific Bell
	PARRISH J H CONSTRUCTION HTG PK	Pacific Bell
1981	PARRISH J H CONSTRUCTION HTG PK	Pacific Telephone
	PARRISH J H CONSTRUCTION HTG PK	Pacific Telephone
1976	PARRISH J H CONSTRUCTION	Pacific Telephone
	Parrish J H Construction	Pacific Telephone

### 7856 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	QUALITY	Haines Company, Inc
	FOUNDARY	Haines Company, Inc
2000	ALUMINUM FOUNDRY 32225 6 86 W	Haines & Company

### 7857 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	SIFUENTE Cynthia	Haines Company, Inc
	e TORO Lorena	Haines Company, Inc
	CONTRERAS Cirlo	Haines Company, Inc
2000	TORO Lorena	Haines & Company
	JASSO Juan C	Haines & Company
1958	York Leonard B	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1951	Salt Lke Av HtgPrk York Leonard B r	Pacific Telephone & Telegraph Co.

### Salt Lake Ave

#### 7862 Salt Lake Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2010	VAYION INTERNATIONAL LLC	EDR Digital Archive
	VAYION INTERNATIONAL LLC	EDR Digital Archive

### SALT LAKE AVE

#### 7901 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	RODRIGUEZ Lucinda	Haines Company, Inc
2000	RODRIGUEZ Gerardo	Haines & Company

#### 7905 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MEJORADOAbelando	Haines Company, Inc
2000	MARTINEZDOMINGUEZ Julio	Haines & Company
	ADAUTOG Guadalupe	Haines & Company
	ORTIZ Vicente	Haines & Company
1986	PEREDA JESUS M HTG PK	Pacific Bell

#### 7911 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	MARTINEZ PM	Haines Company, Inc
	NAVA Ete Mna	Haines Company, Inc

#### 7915 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
2000	XXXX	Haines & Company
1976	Dominguez Sylvia	Pacific Telephone

#### 7917 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	o LILIAN Gomez	Haines Company, Inc
2000	CALVILLO Juana	Haines & Company

## FINDINGS

### 7919 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
2000	XXXX	Haines & Company
1990	MESA JORGE HTG PK	Pacific Bell

### 7921 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
2000	XXXX	Haines & Company
1986	HARRIS RICHARD E HTG PK	Pacific Bell
1981	HARRIS RICHARD HTG PK	Pacific Telephone
1976	Harris Richard	Pacific Telephone

### Salt Lake Ave

#### 7925 Salt Lake Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	JUAN BRAVO	EDR Digital Archive
	JUAN BRAVO	EDR Digital Archive
2010	JUAN BRAVO	EDR Digital Archive
	JUAN BRAVO	EDR Digital Archive

### SALT LAKE AVE

#### 7925 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	No Current Listing	Haines Company, Inc
2000	VILLAR Fidel	Haines & Company
	RODRIGUEZ Leonardo	Haines & Company
1990	VILLALOBOS ADOLFO HTG PK	Pacific Bell
	ARROYOS GEORGE HTG PK	Pacific Bell
1986	ARROYOS GEORGE HTG PK	Pacific Bell
1981	TRIPLETT EDW L HTG PK	Pacific Telephone
1976	La Cross Edw C	Pacific Telephone

#### 7929 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	ODIAZRosa	Haines Company, Inc
2000	a 1/2 VELAZQUEZ Sergio	Haines & Company
	DIAZ Jose	Haines & Company



## FINDINGS

### Salt Lake Ave

#### 7962 Salt Lake Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	C & M SUPPLY CO	EDR Digital Archive
	RH EMBROIDERY & DIGITIZING	EDR Digital Archive
	BRANDONS PARTY RENTAL	EDR Digital Archive
	C & M SUPPLY CO	EDR Digital Archive
	RH EMBROIDERY & DIGITIZING	EDR Digital Archive
	BRANDONS PARTY RENTAL	EDR Digital Archive
2010	RH EMBROIDERY & DIGITIZING	EDR Digital Archive
	AZUMA	EDR Digital Archive
	C & M SUPPLY CO	EDR Digital Archive
	RH EMBROIDERY & DIGITIZING	EDR Digital Archive
	AZUMA	EDR Digital Archive
	C & M SUPPLY CO	EDR Digital Archive

### SALT LAKE AVE

#### 7962 SALT LAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2006	CM SUPPLY CO	Haines Company, Inc.
	CM SUPPLY CO	Haines Company, Inc
	AZJMA	Haines Company, Inc
	SUPERIOR	Haines Company, Inc
	STORAGE TANKS	Haines Company, Inc
	2000	ACCURATE CUTTING 323 562 M
2000	C M SUPPLY CO	Haines & Company
	SUPERIOR SHEET MTL	Haines & Company
	SUPERIOR STEEL RULE DIE	Haines & Company
	R C H PAPER BOX CO	Haines & Company
	1990	TRANSMISSION PACIFIC PARTS HTG PK
1990	SUPERIOR STEEL RULE DIE HTG PK	Pacific Bell
	SUPERIOR SHEET METAL WORKS HTG PK	Pacific Bell
	R C H PAPER BOX CO HTG PK	Pacific Bell
	R C H CO HTG PK	Pacific Bell
1986	R C H PAPER BOX CO HTG PK	Pacific Bell
	R C H CO HTG PK	Pacific Bell
1981	BC MACHINING CO HTG PK	Pacific Telephone

## FINDINGS

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1981	AMCO GRINDING & METALIZING CO HTG PK	Pacific Telephone
	AIR FILTER SALES & SERVICE CO HTG PK	Pacific Telephone
1976	AIR FILTER SALES & SERVICE CO	Pacific Telephone
1960	AUTOMATIC TRANSPORTATION CO REPRESENTATIVE	Pacific Telephone
	LUTZ L J CO INDSTRL TRKS	Pacific Telephone
	LUTZ L J CO INDSTRL TRKS	Pacific Telephone
1957	AUTOMATIC TRANSPORTATION CO REPRESENTATIVE	Pacific Telephone
	LUTZ L J CO INDSTRL TRKS	Pacific Telephone
	LUTZ L J CO INDSTRL TRKS	Pacific Telephone

### Salt Lake Ave

#### 8009 Salt Lake Ave

<u>Year</u>	<u>Uses</u>	<u>Source</u>
2014	JMB DRYWALL	EDR Digital Archive
	JMB DRYWALL	EDR Digital Archive
2010	JMB DRYWALL	EDR Digital Archive
	JMB DRYWALL	EDR Digital Archive

### SALTLAKE AVE

#### 7962 SALTLAKE AVE

<u>Year</u>	<u>Uses</u>	<u>Source</u>
1990	A & F INDUSTRY CO HTG PK	Pacific Bell



**7801 Otis Avenue**

7801 Otis Avenue

Huntington Park, CA 90255

Inquiry Number: 5444809.8

October 07, 2018



## 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

10/07/18

**Site Name:**

7801 Otis Avenue  
7801 Otis Avenue  
Huntington Park, CA 90255  
EDR Inquiry # 5444809.8

**Client Name:**

ENCON Technologies Inc.  
12145 Mora Drive  
Santa Fe, CA 90670  
Contact: Elizabeth Bartley



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
1983	1"=500'	Flight Date: November 19, 1983	EDR Proprietary Brewster Pacific
1979	1"=500'	Flight Date: May 11, 1979	EDR Proprietary Brewster Pacific
1970	1"=500'	Flight Date: February 17, 1970	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 18, 1947	FAIR
1938	1"=500'	Flight Date: May 22, 1938	USDA
1928	1"=500'	Flight Date: January 01, 1928	FAIR
1923	1"=500'	Flight Date: January 01, 1923	FAIR

**When delivered electronically by EDR, the aerial photo images included with this report are for ONE TIME USE ONLY. Further reproduction of these aerial photo images is prohibited without permission from EDR. For more information contact your EDR Account Executive.**

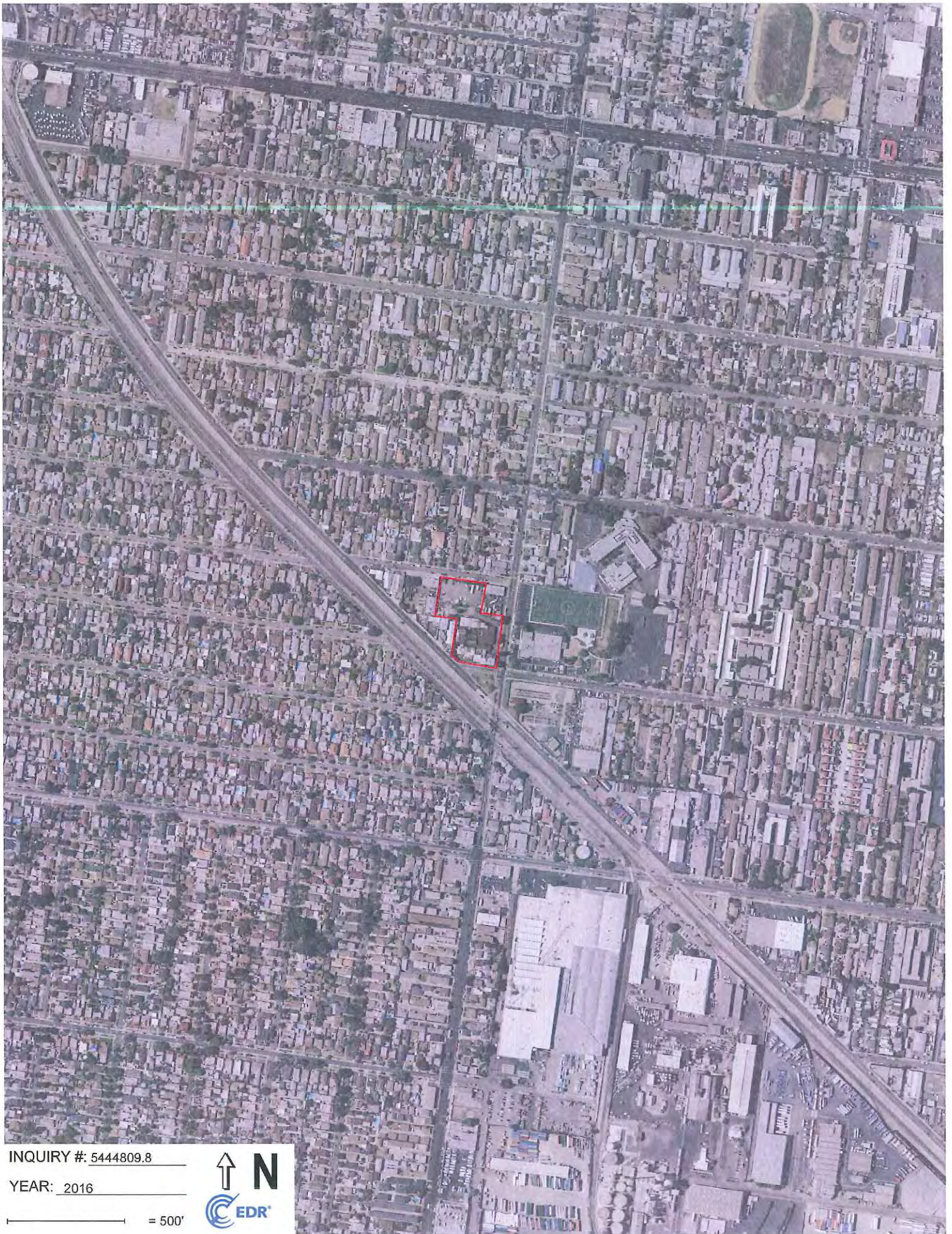
#### Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.





INQUIRY #: 5444809.8

YEAR: 2016

\_\_\_\_\_ = 500'







INQUIRY #: 5444809.8

YEAR: 2012

\_\_\_\_\_ = 500'







INQUIRY #: 5444809.8

YEAR: 2009

— = 500'







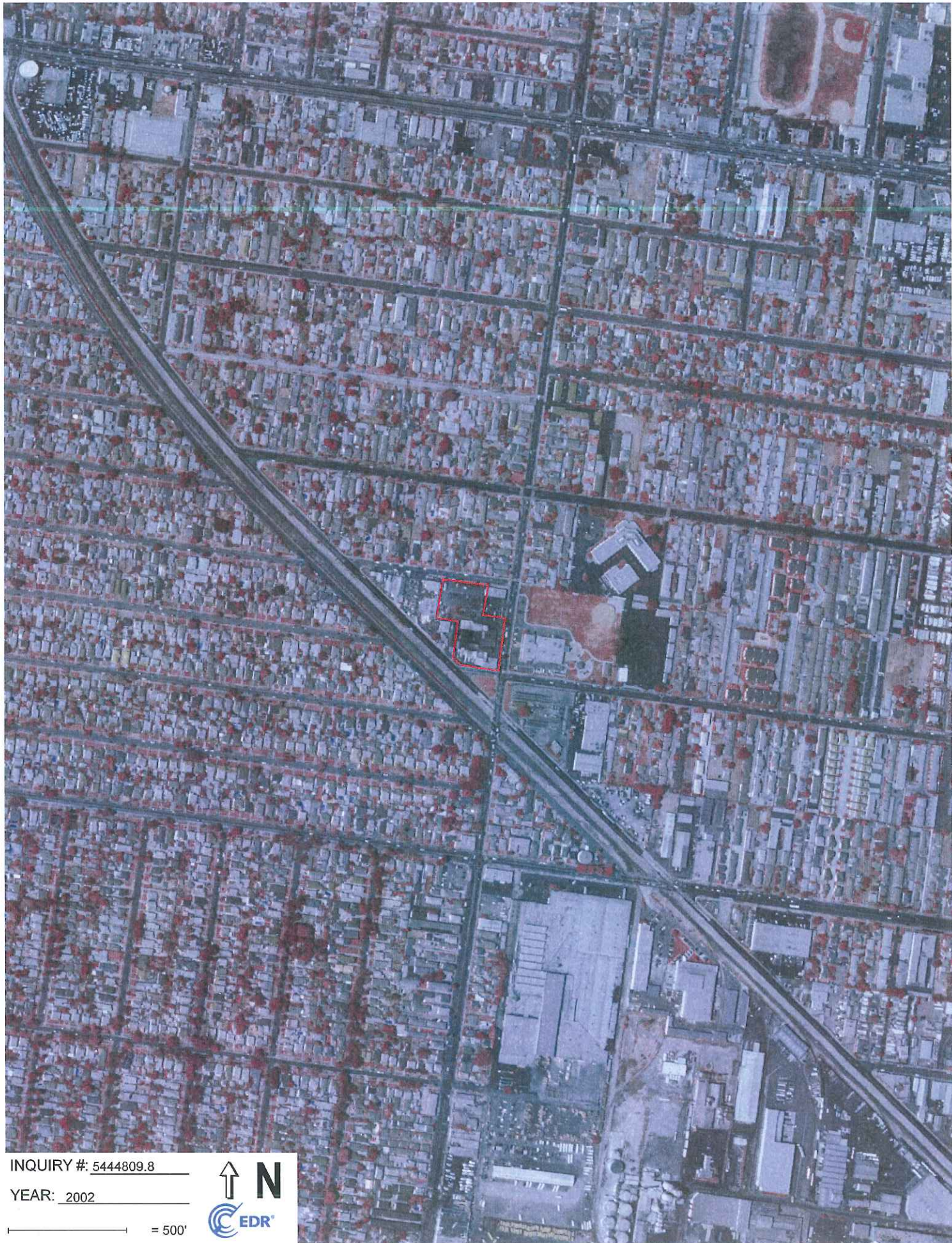
INQUIRY #: 5444809.8

YEAR: 2005

\_\_\_\_\_ = 500'







INQUIRY #: 5444809.8

YEAR: 2002

\_\_\_\_\_ = 500'







INQUIRY #: 5444809.8

YEAR: 1994

\_\_\_\_\_ = 500'







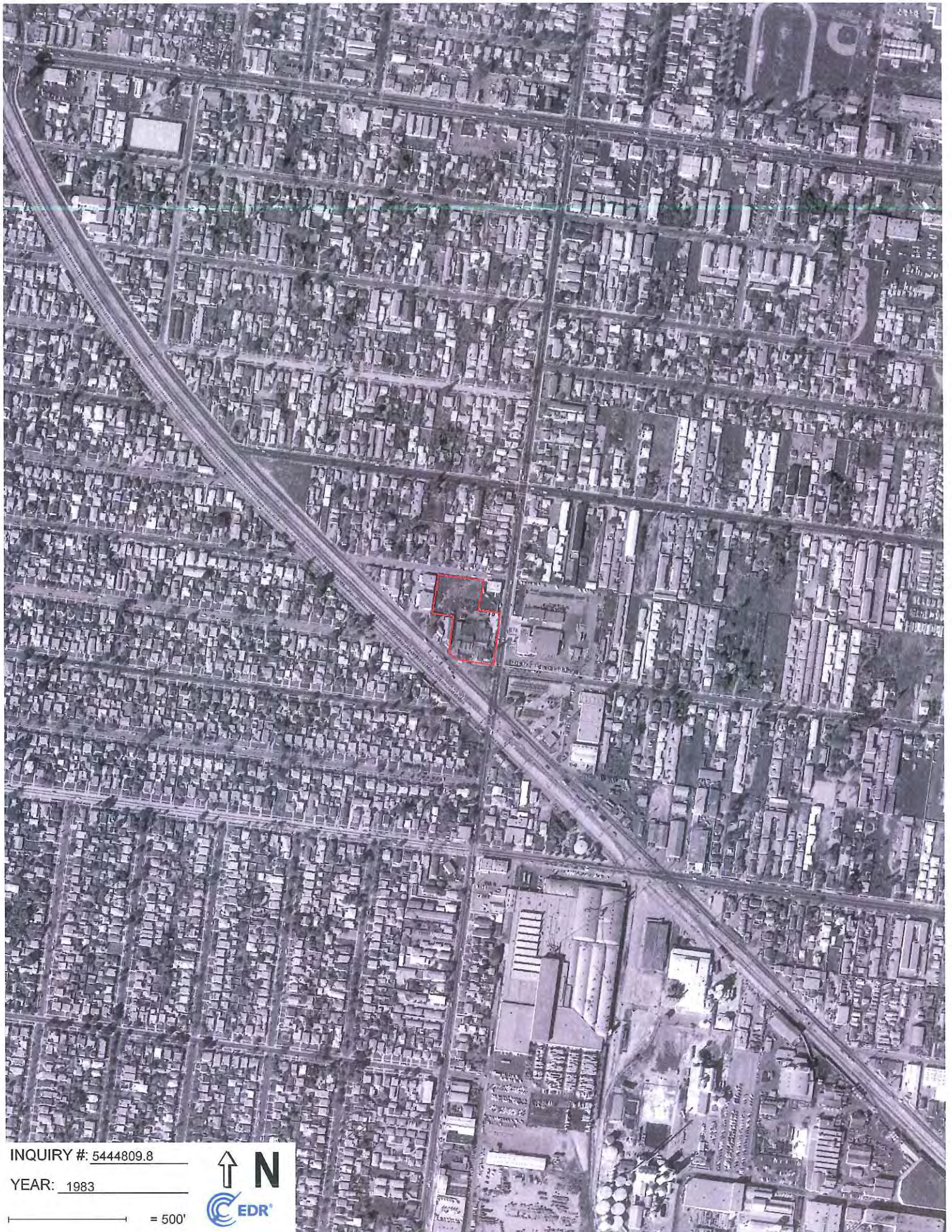
INQUIRY #: 5444809.8

YEAR: 1989

— = 500'







INQUIRY #: 5444809.8

YEAR: 1983

— = 500'







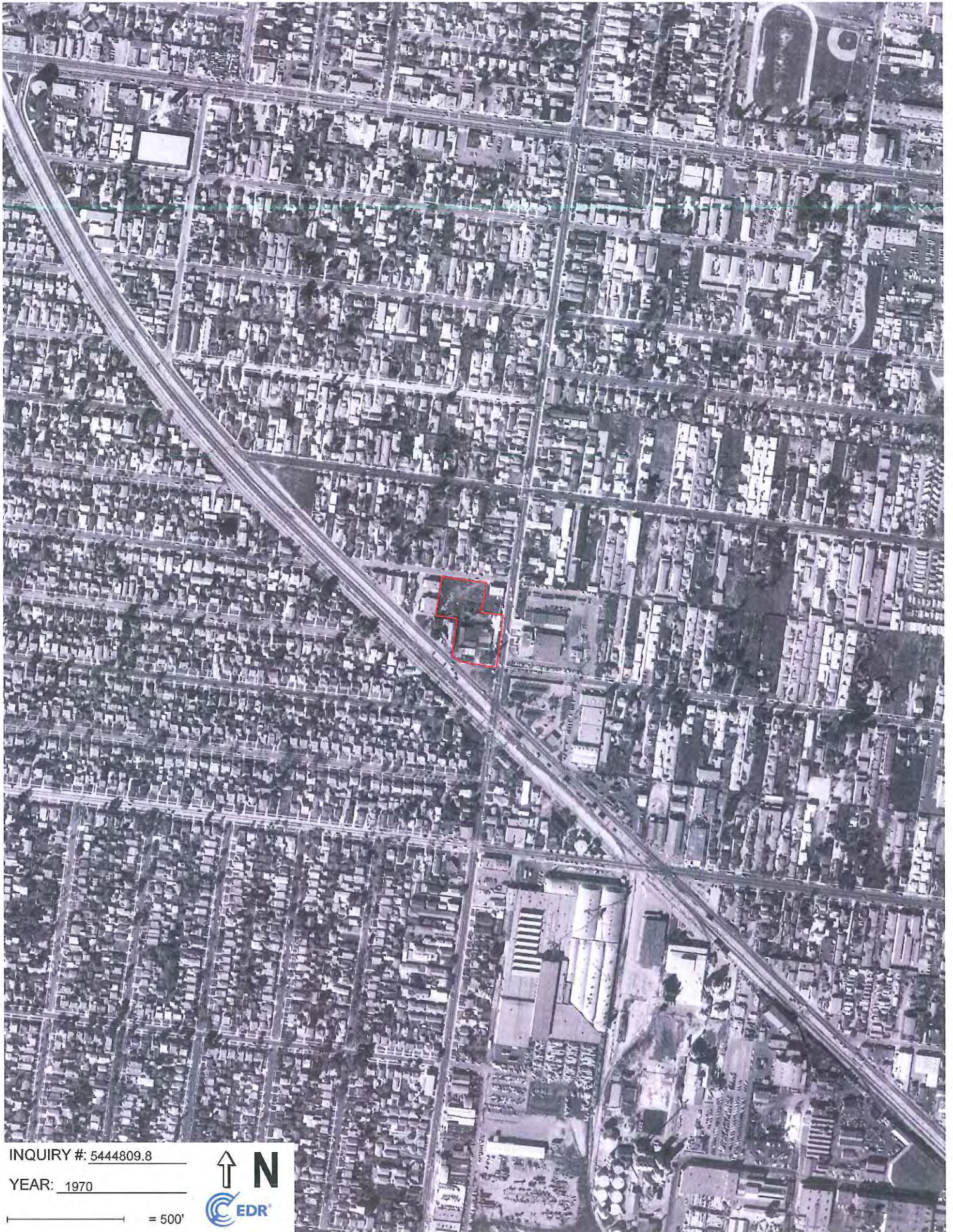
INQUIRY #: 5444809.8

YEAR: 1979

\_\_\_\_\_ = 500'







INQUIRY #: 5444809.8

YEAR: 1970

— = 500'







INQUIRY #: 5444809.8

YEAR: 1963

\_\_\_\_\_ = 500'







INQUIRY #: 5444809.8

YEAR: 1952

\_\_\_\_\_ = 500'







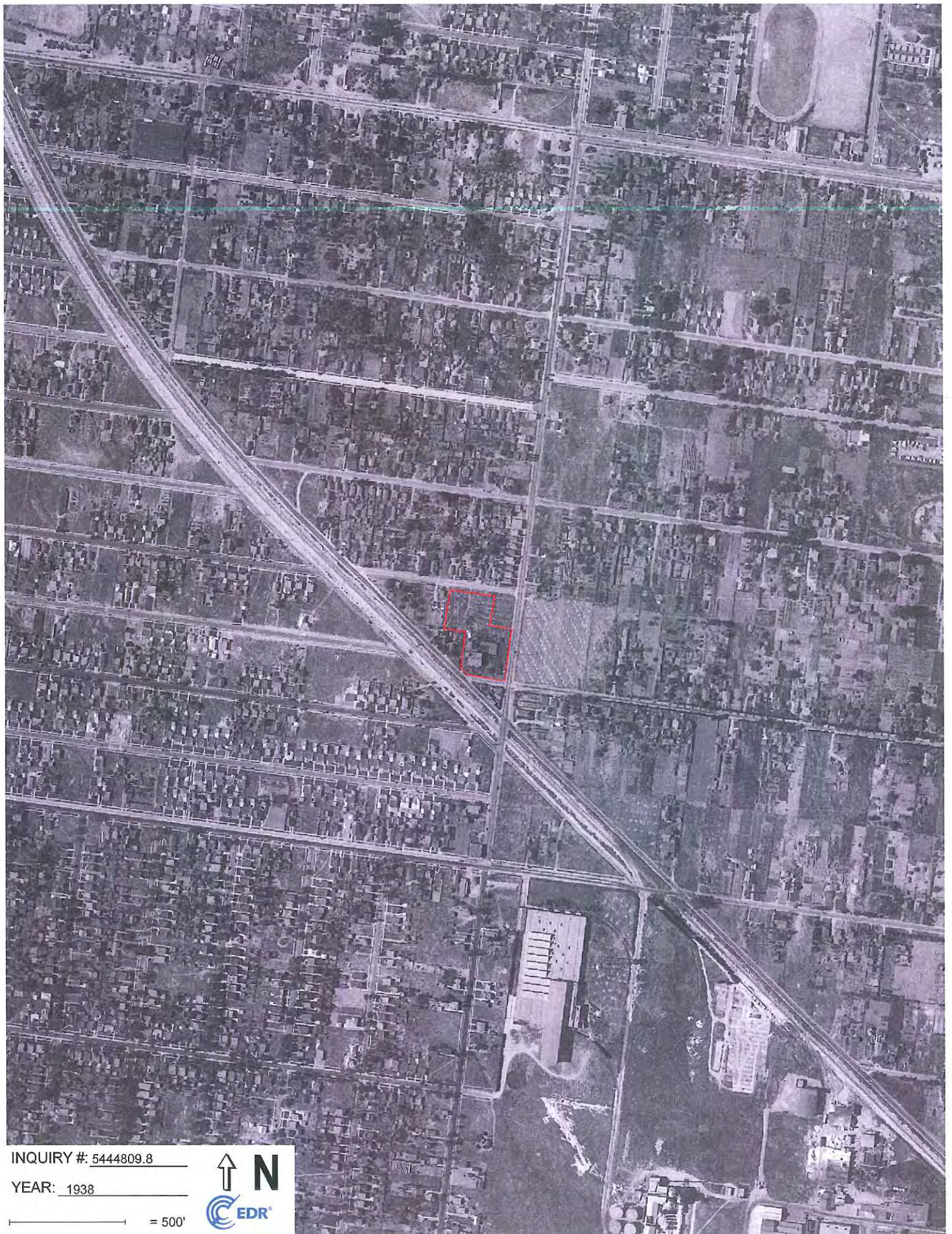
INQUIRY #: 5444809.8

YEAR: 1947

— = 500'







INQUIRY #: 5444809.8

YEAR: 1938

\_\_\_\_\_ = 500'







INQUIRY #: 5444809.8

YEAR: 1928

\_\_\_\_\_ = 500'








INQUIRY #: 5444809.8

YEAR: 1923

\_\_\_\_\_ = 500'







7801 Otis Avenue  
7801 Otis Avenue  
Huntington Park, CA 90255

Inquiry Number: 5444809.3

October 05, 2018



## 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

10/05/18

**Site Name:**

7801 Otis Avenue  
7801 Otis Avenue  
Huntington Park, CA 90255  
EDR Inquiry # 5444809.3

**Client Name:**

ENCON Technologies Inc.  
12145 Mora Drive  
Santa Fe, CA 90670  
Contact: Elizabeth Bartley



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by ENCON Technologies Inc. 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.edrmet.com/sanborn](http://www.edrmet.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 #** 8A1F-4E42-A6ED  
**PO #** NA  
**Project** 7801-7835 Otis Ave, Cudahy

**Maps Provided:**

1966  
1950  
1929



Sanborn® Library search results

Certification #: 8A1F-4E42-A6ED

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

*The Sanborn Library LLC Since 1866™*

### Limited Permission to Make Copies

ENCON Technologies Inc. (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

### Disclaimer - Copyright and Trademark Notice

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT. Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice. Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission.

EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1966 Source Sheets



Volume 31, Sheet 3155



Volume 31, Sheet 3156



Volume 31, Sheet 3167



Volume 31, Sheet 3168

### 1950 Source Sheets



Volume 31, Sheet 3155



Volume 31, Sheet 3156



Volume 31, Sheet 3167

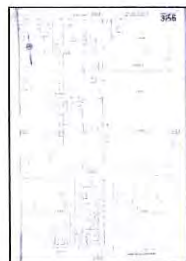


Volume 31, Sheet 3168

### 1929 Source Sheets



Volume 31, Sheet 3155



Volume 31, Sheet 3156

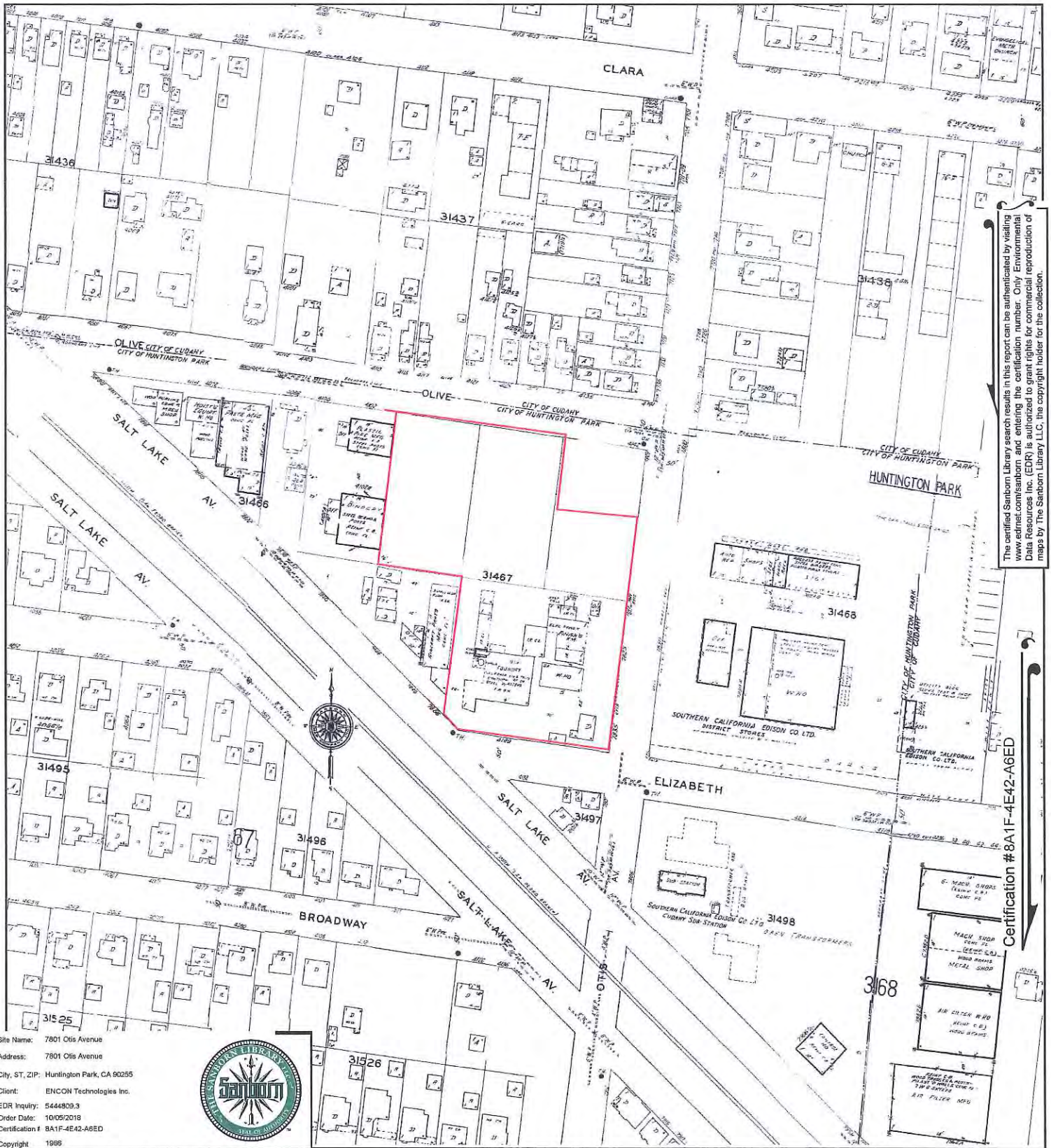


Volume 31, Sheet 3167



Volume 31, Sheet 3168





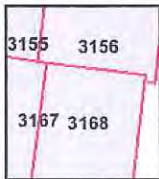
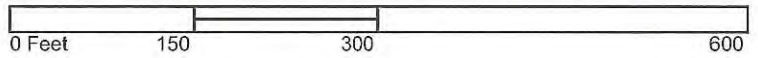
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edr.com/sanborn](http://www.edr.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #8A1F-4E42-A6ED

Site Name: 7801 Otis Avenue  
 Address: 7801 Otis Avenue  
 City, ST, ZIP: Huntington Park, CA 90255  
 Client: ENCOM Technologies Inc.  
 EDR Inquiry: 5444809.3  
 Order Date: 10/05/2018  
 Certification #: 8A1F-4E42-A6ED  
 Copyright: 1999



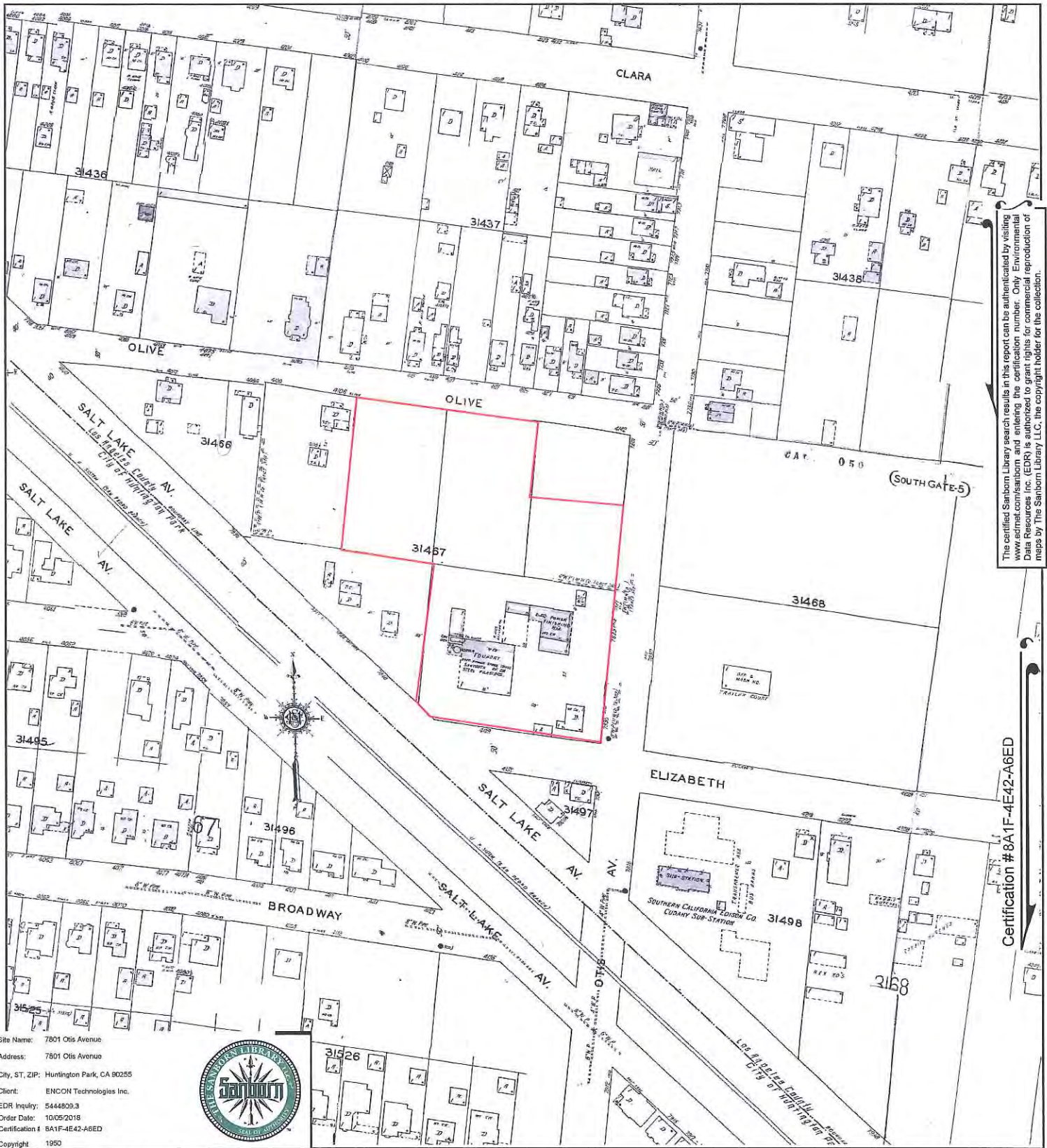
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 31, Sheet 3168  
 Volume 31, Sheet 3167  
 Volume 31, Sheet 3156  
 Volume 31, Sheet 3155







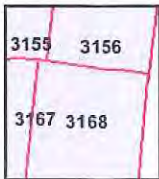
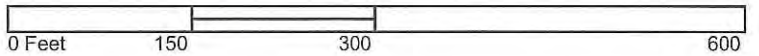
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrmap.com/sanborn](http://www.edrmap.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #8A1F-4E42-A6ED

Site Name: 7801 Otis Avenue  
 Address: 7801 Otis Avenue  
 City, ST, ZIP: Huntington Park, CA 90255  
 Client: ENCON Technologies Inc.  
 EDR Inquiry: 5444809.3  
 Order Date: 10/05/2018  
 Certification #: BA1F-4E42-A6ED  
 Copyright: 1950



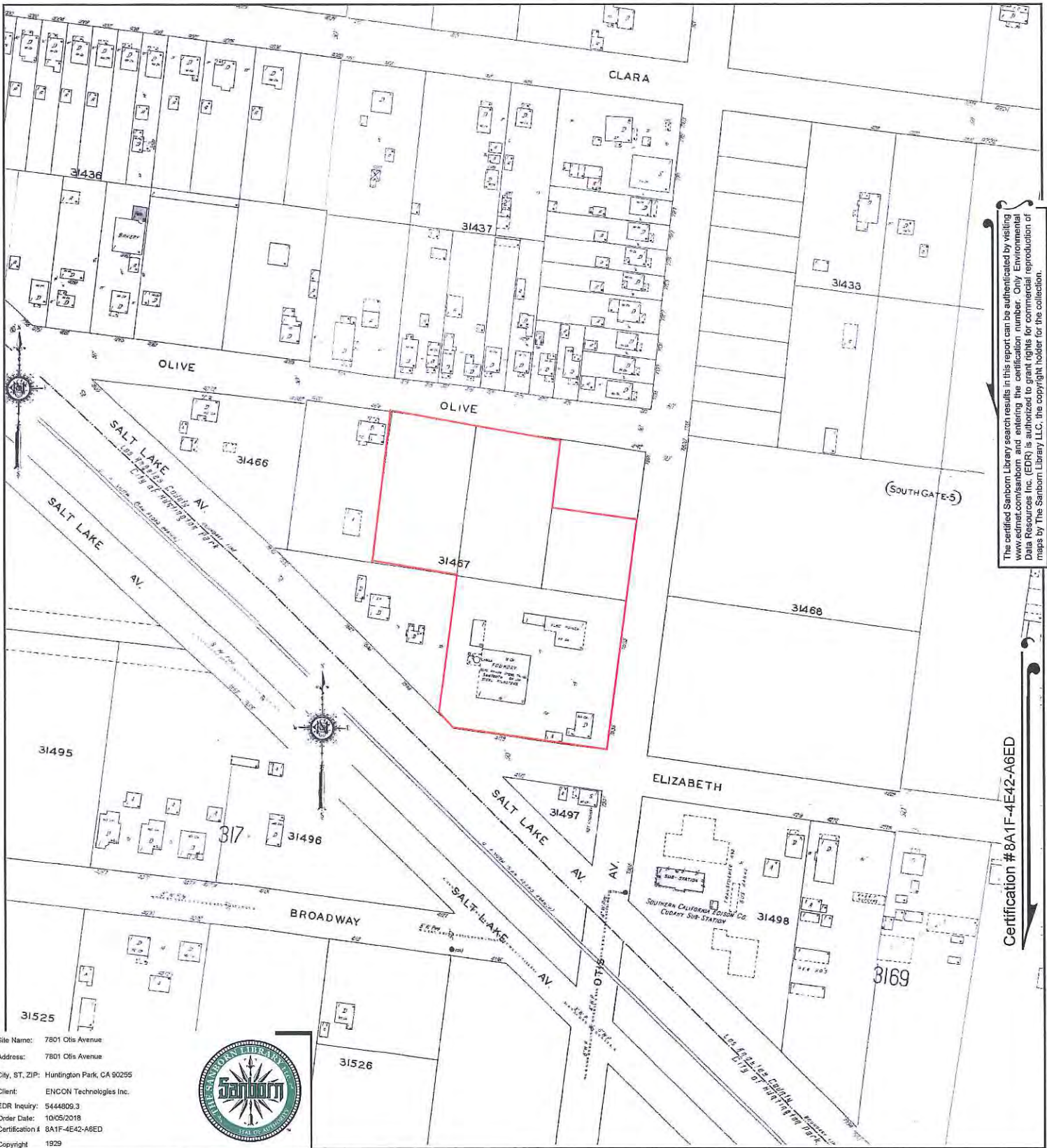
This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 31, Sheet 3168  
 Volume 31, Sheet 3167  
 Volume 31, Sheet 3156  
 Volume 31, Sheet 3155







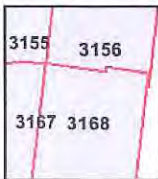
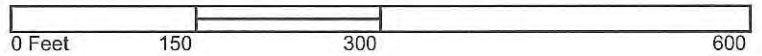
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification #8A1F-4E42-A6ED

Site Name: 7801 Otis Avenue  
 Address: 7801 Otis Avenue  
 City, ST, ZIP: Huntington Park, CA 90255  
 Client: ENCON Technologies Inc.  
 EDR Inquiry: 5444809.3  
 Order Date: 10/05/2018  
 Certification #: 8A1F-4E42-A6ED  
 Copyright: 1929



This Certified Sanborn Map combines the following sheets. Outlined areas indicate map sheets within the collection.



Volume 31, Sheet 3168  
 Volume 31, Sheet 3167  
 Volume 31, Sheet 3156  
 Volume 31, Sheet 3155



**Exhibit C**

LA County DPW Permit Records, AQMD FIND Air Emission Permit Records,  
DTSC Hazardous Waste Disposal Records, and  
Twining, Inc. Geotechnical Findings Report, dated October 18, 2018

Industrial Waste / Underground Storage Tanks / Stormwater

[Back](#)

Click on the file number(s) below to review the scanned documents for the requested site address. If the file number(s) is greyed out and you are unable to click on the file number(s), scanned documents are not available at this time.

**Please Note:** All documents have not been uploaded to this webpage. If additional information is needed please contact our public counter at:

**Public Counter**

**Phone:** 626-458-3517

**Hours:** Monday-Thursday 7am – 5pm

**Location:** 900 S. Fremont Ave. Annex Bldg 3rd Floor  
Alhambra, CA 91803

FILE#	SITE ADDRESS	FILE NAME	STAT	TYPE
009944-009793	7821 OTIS AVE CUDAHY 90255	COVERT IRON WORKS	CLOS	T
<u>009944-028427</u>	7821 OTIS AVE CUDAHY 90255	COVERT IRON WORKS	CLOS	S

[Back](#)

LA COUNTY DPW HAZARDOUS MATERIALS SYSTEM REPORT: HMR050.001  
 DATE COMPILED: 10/06/98 IW INSPECTION JOB ORDER INSP#: I000259294  
 RUN DATE: 06/07/99 08:34:38 STORMWATER PC INSPECTION, NON- ASSC#: PAGE: 1

FILE #: 609944-028427 NAME: COVERT IRON WORKS SWIN  
 ADD: 7821 S OTIS AVE HUNTINGTON PARK, CA 90255 AREA: 2D SMD: 95  
 STREET: ELIZABETH ST THOMAS GUIDE: 0059-C1  
 CONTACT: MIKE WORTH TEL: 323 626-9311

PROC: STORMWATER SAMPLE REQUIRED? N SAMPLE #: \_\_\_\_\_

INSP INFO: \_\_\_\_\_

ASSGN TO: LENNOX FIELD OFFICE SECT: FIELD INSPECTION UNIT

RESULTS: Casting Iron works, NO IW discharge  
BMP's used effectively.

REMARKS: \_\_\_\_\_

INSPECTOR: Edward Calleros INSPECTION DATE: 8-26-99

DISP: [Signature]





COUNTY OF LOS ANGELES • DEPARTMENT OF PUBLIC WORKS  
 ENVIRONMENTAL PROGRAMS DIVISION  
 Storm Water Facility Inspection/Site Visit Report Form

Site/File 9944-28427  
 Date 8-26-99  
 Inspection Work Order (I) 259294

First Inspection     Routine Inspection     Response to Complaint     Facility has closed or new Facility Information (see attached)

Facility Name: Covert Iron Works    Site Address: 7821 OTIS Ave.    Area (R/C) Code: 2Y

Contact Name: Mike worth    Phone: 323 626-9311    Business Type/Activity: Iron Casting    SIC: 3321

Is the facility within the County unincorporated area?     Yes     No    City: Cudahy

Is the facility covered under any other permits? (Check all that apply)

Air Quality     Hazmat business plan     None     Industrial Waste

Fire Dept. (Storage)     Hazardous waste generator     Underground Storage Tanks     Aboveground storage tanks

Other: \_\_\_\_\_

Is the facility covered under a storm water permit?     Does not need coverage     No, but may need to (Refer to Regional Board)

Individual NPDES     General (filed NOI)    Does the facility have a SWPPP?     Yes     No

ACTIVITIES ASSESSMENT CHECKLIST

ACTIVITIES - Check each activity present at the site and evaluate its potential (PPD) for pollutant discharge: 1 = low potential, 2 = medium potential, 3 = high potential → Circled BMPs require your immediate attention - see back of this report.	APPLICABLE ACTIVITY			EFFECTIVENESS RATING*				
	Yes	No	PPD	1	2	3	4	5
A. MINIMUM BMPs - APPLICABLE TO ALL FACILITIES BMPs employed: <u>1, 2, 3, 4, 9, 10</u>	[✓]	[ ]	[2]	①	②	③	④ ●	⑤
B. VEHICLE AND EQUIPMENT FUELING BMPs employed:	[ ]	[✓]	[ ]	①	②	③	④	⑤
C. VEHICLE AND EQUIPMENT WASHING/STEAM CLEANING BMPs employed:	[ ]	[✓]	[ ]	①	②	③	④	⑤
D. VEHICLE AND EQUIPMENT MAINTENANCE AND REPAIR BMPs employed:	[ ]	[✓]	[ ]	①	②	③	④	⑤
E. OUTDOOR LOADING/UNLOADING OF MATERIALS BMPs employed: <u>3</u>	[✓]	[ ]	[ ]	①	②	③	④	⑤ ●
F. OUTDOOR PROCESS EQUIPMENT OPERATIONS AND MAINTENANCE BMPs employed:	[ ]	[✓]	[ ]	①	②	③	④	⑤
G. OUTDOOR STORAGE OF RAW MATERIALS/PRODUCTS/CONTAINERS BMPs employed: <u>1, 2, 3, 4, 5, 6, 7, 8</u>	[✓]	[ ]	[ ]	①	②	③	④	⑤ ●
H. WASTE HANDLING AND DISPOSAL BMPs employed:	[ ]	[✓]	[ ]	①	②	③	④	⑤
I. CONTAMINATED OR ERODIBLE SURFACE AREAS BMPs employed:	[ ]	[N]	[ ]	①	②	③	④	⑤
J. BUILDING AND GROUNDS MAINTENANCE BMPs employed:	[ ]	[✓]	[ ]	①	②	③	④	⑤
K. ROOFTOP EQUIPMENT BMPs employed:	[ ]	[✓]	[ ]	①	②	③	④	⑤
L. OUTDOOR DRAINAGE FROM INDOOR AREAS BMPs employed:	[ ]	[W]	[ ]	①	②	③	④	⑤
M. OTHER (describe):	[ ]	[✓]	[ ]	①	②	③	④	⑤

\*① No BMPs used and stormwater pollution likely    ② Some BMPs used but not effective    ③ Some BMPs used and moderately effective  
 ④ Source control BMPs used and very effective/structural BMPs needed    ⑤ All necessary BMPs used and very effective

This report is not a citation. It is furnished to the facility representative to assist in designing and evaluating Best Management Practices to prevent the runoff of pollutants to the storm drainage system. A reinspection of your facility ( is required)( is not required) to review correction of deficiencies noted above. Please call ( ) \_\_\_\_\_ by \_\_\_\_\_ between 8:00 a.m. to 9:30 a.m. to arrange for a reinspection.

Facility Representative Signature: Mike worth    Date: 8-26-99

Print name of Facility Representative: MIKE WORTH    Inspector: Edward Calleros

EPD/insbmp.1 - 3/99

L.A. COUNTY DPW

HAZARDOUS MATERIALS SYSTEM

REPORT: PWR050.001

DATE COMPILED: 06/25/99

IW INSPECTION JOB ORDER

INSP#: I000302645

RUN DATE: 11/08/00 09:18:49 STORMWATER PC INSPECTION, NON-

ASSC#:

PAGE: 1

FILE #: 009944-028427

NAME: COVERT IRON WORKS

SWIN

ADD: 7821 S OTIS AVE

HUNTINGTON PARK, CA 90255

AREA: 2D SMD: 95

XSTREET: ELIZABETH ST

THOMAS GUIDE: 0059-C1

CONTACT: SIC#5411 MIKE WORTH

TEL: 323 626 9311

PROC: STORMWATER SAMPLE REQUIRED? N SAMPLE #: \_\_\_\_\_

INSP INFO: \_\_\_\_\_

ASSGN TO: LENNOX FIELD OFFICE

SECT: FIELD INSPECTION UNIT

RESULTS: \_\_\_\_\_

Iron Foundry

REMARKS: \_\_\_\_\_

INSPECTOR: \_\_\_\_\_

Edward Calleros

INSPECTION DATE: \_\_\_\_\_

2-22-01

DISP: \_\_\_\_\_

Comp - mb



COUNTY OF LOS ANGELES • DEPARTMENT OF PUBLIC WORKS  
 ENVIRONMENTAL PROGRAMS DIVISION  
 Storm Water Facility Inspection/Site Visit Report Form

Site/File 9944-28427  
 Inspection Work Order (I) 302645

First Inspection     Routine Inspection     Response to Complaint     Facility has closed or new Facility Information (see attached)

Facility Name: Robert Roy Works    Site Address: 7821 Otis Ave.    Area (R/C) Code: 2Y

Contact Name: Roy    Phone: 323 650-2792    Business Type/Activity: Iron Foundry    SIC: 5411

Is the facility within the County unincorporated area?  Yes  No    City: Cudahy

Is the facility covered under any other permits? (Check all that apply)  
 Air Quality     Hazmat business plan     None     Industrial Waste  
 Fire Dept. (Storage)     Hazardous waste generator     Underground Storage Tanks     Aboveground storage tanks  
 Other: \_\_\_\_\_

Is the facility covered under a storm water permit?     Does not need coverage     No, but may need to (Refer to Regional Board)  
 General (filed NOI)     Individual NPDES

Does the facility have a SWPPP?  Yes     No

**ACTIVITIES ASSESSMENT CHECKLIST**

ACTIVITIES - Check each activity present at the site and evaluate its potential for pollutant discharge (PPD): 1 = low potential, 2 = medium potential, 3 = high potential → Circled BMPs require your immediate attention - see back of this report.	APPLICABLE ACTIVITY			EFFECTIVENESS RATING*				
	Yes	No	PPD	①	②	③	④	⑤
A. MINIMUM BMPs - APPLICABLE TO ALL FACILITIES BMPs employed: <u>1, 2, 3, 4, 6, 9, 10</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	①	②	③	④	⑤
B. VEHICLE AND EQUIPMENT FUELING BMPs employed:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	①	②	③	④	⑤
C. VEHICLE AND EQUIPMENT WASHING/STEAM CLEANING BMPs employed:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	①	②	③	④	⑤
D. VEHICLE AND EQUIPMENT MAINTENANCE AND REPAIR BMPs employed:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	①	②	③	④	⑤
E. OUTDOOR LOADING/UNLOADING OF MATERIALS BMPs employed: <u>3</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	①	②	③	④	⑤
F. OUTDOOR PROCESS EQUIPMENT OPERATIONS AND MAINTENANCE BMPs employed:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	①	②	③	④	⑤
G. OUTDOOR STORAGE OF RAW MATERIALS/PRODUCTS/CONTAINERS BMPs employed: <u>1-8</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	①	②	③	④	⑤
H. WASTE HANDLING AND DISPOSAL BMPs employed: <u>1, 2, 3, 8</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	①	②	③	④	⑤
I. CONTAMINATED OR ERODIBLE SURFACE AREAS BMPs employed: <u>1, 2, 3, 4</u>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>2</u>	①	②	③	④	⑤
J. BUILDING AND GROUNDS MAINTENANCE BMPs employed:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	①	②	③	④	⑤
K. ROOFTOP EQUIPMENT BMPs employed:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	①	②	③	④	⑤
L. OUTDOOR DRAINAGE FROM INDOOR AREAS BMPs employed:	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	①	②	③	④	⑤
M. OTHER (describe):	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	①	②	③	④	⑤

\*① No BMPs used and stormwater pollution likely    ② Some BMPs used but not effective    ③ Some BMPs used and moderately effective  
 ④ Source control BMPs used and very effective/structural BMPs needed    ⑤ All necessary BMPs used and very effective

This report is not a citation. It is furnished to the facility representative to assist in designing and evaluating Best Management Practices to prevent the runoff of pollutants to the storm drainage system. A reinspection of your facility ( is required)( is not required) to review correction of deficiencies noted above. Please call ( ) \_\_\_\_\_ by \_\_\_\_\_ between 8:00 a.m. to 9:30 a.m. to arrange for a reinspection.

Facility Representative Signature: \_\_\_\_\_ Date: 2-22-01  
 Print name of Facility Representative: \_\_\_\_\_ Inspector: Edward Calleros

ACTION: B (A)DD (C)HANGE (D)ELETE (B)ROWSE A(S)SC # BROWSE

FILE #: 009944 009793 NAME: COVERT IRON WORKS SEC? N STAT: CLOS

STREET #: 7821 FR: DR: NAME: OTIS SF: AVE UN:

CITY: CUDAHY ZIP: 90255 AREA: 2Y TEL: 213 560 2792

CORR #: C 000515672 CORR TYPE: T OUTG CORR DT: 032107 CORR DISP: COMP

ASSC #: V 000515674 ASSC # TYPE: T NOVC ASSC # DT: 032107 ASSC # DISP: COMP

FORM NOT #: \_\_\_\_\_

CORR NAME: COVERT\_IRON\_WORKS BY: JESSE\_VAZQUEZ

SECT: EPD POS: SR\_WCEI

AD1: AD2:

CITY: ST: ZIP: TEL:

CORR DESC: 03/28/07:FINAL\_NOVC\_ISSUED\_FOR\_IMPROPER\_ABANDONMENT\_OF\_UST'S\_ON\_SITE  
REQUIRED\_TO\_APPLY\_FOR\_CLOSURE\_OF\_THE\_TWO\_TANKS\_AT\_THE\_SITE; OWNER  
WANTS\_TO\_CLOSE\_ONE\_TANK\_IN\_PLACE\_THE\_OTHER\_BY\_REMOVAL; INSTRUCTION  
MAILED\_OUT\_FOR\_SUBMITTALS

RESULTS: NOVC\_DRAFT\_W/\_JCB\_ON\_03/21/07

NOTICE\_MAILED\_OUT\_ON\_03/28/07;\_DUE\_04/11/07;

ASSIGN DT: 032107 DUE DT: 041107 ASSIGN TO: 479130 JJV

START DT: COMP DT: 050107 COMP BY: 479130 JJV

DMS LINK: HTTP://PWIIS01/SPDMS/HMS.ASPX?DOCNO=000515672&DOCTYPE=CORR

LAST TRAN/DATE/OPER: CORR 051914 E288422

**MORE ENTRIES ON NEXT PAGE**



TRANS: CORR

HMS CORRESPONDENCE DISPLAY/UPDATE

OPER: E522334

PROG: PWC200

10/15/18 11:02:53

ACTION: B (A)DD (C)HANGE (D)ELETE (B)ROWSE A(S)SC # BROWSE

FILE #: 009944 009793 NAME: COVERT IRON WORKS

SEC? N STAT: CLOS

STREET #: 7821 FR:

DR: NAME: OTIS

SF: AVE UN:

CITY: CUDAHY

ZIP: 90255

AREA: 2Y TEL: 213 560 2792

CORR #: C 000535699

CORR TYPE: T CLSR

CORR DT: 070907

CORR DISP: COMP

ASSC #: A 000520576

ASSC # TYPE: T CLOS

ASSC # DT: 042507

ASSC # DISP: REL

FORM NOT #: \_\_\_\_\_

CORR NAME: ARTMN\_INC \_\_\_\_\_

BY: ROBIN CHANG \_\_\_\_\_

SECT: . \_\_\_\_\_

POS: REGISTERED\_GEOLOGIST \_\_\_\_\_

AD1: 8881 SALMON AVE \_\_\_\_\_

AD2: \_\_\_\_\_

CITY: FOUNTAIN VALLEY \_\_\_\_\_

ST: CA

ZIP: 92708 \_\_\_\_\_

TEL: 714 580 7288

CORR DESC: 062507/\_CLOSURE\_REMOVAL\_REPORT: \_\_\_\_\_

GW\_128.7'BGS, WELL#\_1503A, SOIL\_TYPE--SAND/GRVL\_W/\_INTERBEDDED\_CLAY.

TNK\_RMVD-062107, ANALY>\_TPHG/BTEX/MTBE/OXYGNTS--ALL\_ND'S. \_\_\_\_\_

RESULTS: SITE\_CLSD, NFA \_\_\_\_\_

ASSIGN DT: 070207

DUE DT: \_\_\_\_\_

ASSIGN TO: 479120 IEO \_\_\_\_\_

START DT: \_\_\_\_\_

COMP DT: 102307

COMP BY: 479120 IEO \_\_\_\_\_

DMS LINK: HTTP://PWIIS01/SPDMS/HMS.ASPX?DOCNO=000535699&DOCTYPE=CORR

LAST TRAN/DATE/OPER: CORR 051914 E288422

**MORE ENTRIES ON NEXT PAGE**

TRANS: CORR

HMS CORRESPONDENCE DISPLAY/UPDATE

OPER: E522334

PROG: PWC200

10/15/18 11:02:48

ACTION: B (A)DD (C)HANGE (D)ELETE (B)ROWSE A(S)SC # BROWSE

FILE #: 009944 009793 NAME: COVERT IRON WORKS

SEC? N STAT: CLOS

STREET #: 7821 FR:

DR: NAME: OTIS

SF: AVE UN:

CITY: CUDAHY

ZIP: 90255

AREA: 2Y TEL: 213 560 2792

CORR #: C 000535705

CORR TYPE: T CLSR

CORR DT: 070907

CORR DISP: COMP

ASSC #: A 000520578

ASSC # TYPE: T CLIP

ASSC # DT: 042507

ASSC # DISP: REL

FORM NOT #: \_\_\_\_\_

CORR NAME: ARTMN\_INC

BY: ROBIN\_CHANG

SECT: .

POS: REGISTERED\_GEOLOGIST

AD1: 8881\_SALMON\_AVE

AD2: \_\_\_\_\_

CITY: FOUNTAIN\_VALLEY

ST: CA

ZIP: 92708

TEL: 714 580 7288

CORR DESC: 062707/\_SBSRFC\_INVSTG\_&\_CLIP\_REPORT\_FOR\_1-6K\_DSL\_TNK:

2-40'BORING\_(B1/B2)\_DONE\_053107\_PER\_EPD\_CLIP\_REQTS.\_ANALY>\_TPHD/BTEX

MTBE/OXYGNTS--ALL ND'S.\_BORING\_LOGS\_ATTCHD.

RESULTS: UST\_SLURRY-FILLED\_062107.

SITE CLOSD, NFA.

ASSIGN DT: 070207

DUE DT: \_\_\_\_\_

ASSIGN TO: 479120 IEO

START DT: \_\_\_\_\_

COMP DT: 102407

COMP BY: 479120 IEO

DMS LINK: HTTP://PWIIS01/SPDMS/HMS.ASPX?DOCNO=000535705&DOCTYPE=CORR

LAST TRAN/DATE/OPER: CORR 051914 E288422

**MORE ENTRIES ON NEXT PAGE**

TRANS: CORR

HMS CORRESPONDENCE DISPLAY/UPDATE

OPER: E522334

PROG: PWC200

10/15/18 11:02:44

ACTION: B (A)DD (C)HANGE (D)ELETE (B)ROWSE A(S)SC # BROWSE

FILE #: 009944 009793 NAME: COVERT IRON WORKS

SEC? N STAT: CLOS

STREET #: 7821 FR:

DR: NAME: OTIS

SF: AVE UN:

CITY: CUDAHY

ZIP: 90255

AREA: 2Y TEL: 213 560 2792

CORR #: C 000544809

CORR TYPE: T NFA

CORR DT: 102407

CORR DISP: SLET

ASSC #: A 000520576

ASSC # TYPE: T CLOS

ASSC # DT: 042507

ASSC # DISP: REL

FORM NOT #: \_\_\_\_\_

CORR NAME: COVERT\_IRON\_WORKS\_\_\_\_\_

BY: IEO\_\_\_\_\_

SECT: 47912\_\_\_\_\_

POS: STAFF\_ENGR\_\_\_\_\_

AD1: 6396\_FORRESTER\_DR\_\_\_\_\_

AD2: ROY\_COVERT\_\_\_\_\_

CITY: HUNTINGTON\_BEACH\_\_\_\_\_

ST: CA

ZIP: 92648\_\_\_\_\_

TEL: \_\_\_\_\_

CORR DESC: 110107/\_CLSR\_CERT\_LETTER\_WRT\_A520576\_(CLOS):\_\_\_\_\_

RESULTS: CLSR\_FINALIZED

ASSIGN DT: 102407

DUE DT: \_\_\_\_\_

ASSIGN TO: 479120 IEO\_\_\_\_\_

START DT: \_\_\_\_\_

COMP DT: 111307

COMP BY: 479120 IEO\_\_\_\_\_

DMS LINK: HTTP://PWIIS01/SPDMS/HMS.ASPX?DOCNO=000544809&DOCTYPE=CORR

LAST TRAN/DATE/OPER: CORR 051914 E288422

**MORE ENTRIES ON NEXT PAGE**

TRANS: CORR

HMS CORRESPONDENCE DISPLAY/UPDATE

OPER: E522334

PROG: PWC200

10/15/18 11:02:33

ACTION: B (A)DD (C)HANGE (D)ELETE (B)ROWSE A(S)SC # BROWSE

FILE #: 009944 009793 NAME: COVERT IRON WORKS

SEC? N STAT: CLOS

STREET #: 7821 FR:

DR: NAME: OTIS

SF: AVE UN:

CITY: CUDAHY

ZIP: 90255

AREA: 2Y TEL: 213 560 2792

CORR #: C 000544810

CORR TYPE: T NFA

CORR DT: 102407

CORR DISP: SLET

ASSC #: A 000520578

ASSC # TYPE: T CLIP

ASSC # DT: 042507

ASSC # DISP: REL

FORM NOT #: \_\_\_\_\_

CORR NAME: COVERT\_IRON\_WORKS\_\_\_\_\_

BY: IEO\_\_\_\_\_

SECT: 47912\_\_\_\_\_

POS: STAFF\_ENGR\_\_\_\_\_

AD1: 6396\_FORRESTER\_DR\_\_\_\_\_

AD2: ROY\_COVERT\_\_\_\_\_

CITY: HUNTINGTON\_BEACH\_\_\_\_\_

ST: CA

ZIP: 92648\_\_\_\_\_

TEL: \_\_\_\_\_

CORR DESC: 110107/\_CLSR\_CERT\_LETTER\_WRT\_A520578\_(CLIP):\_\_\_\_\_

RESULTS: CLSR\_FINALIZED\_\_\_\_\_

ASSIGN DT: ~~102407~~\_\_\_\_\_

DUE DT: \_\_\_\_\_

ASSIGN TO: 479120 IEO\_\_\_\_\_

START DT: \_\_\_\_\_

COMP DT: 111307

COMP BY: 479120 IEO\_\_\_\_\_

DMS LINK: HTTP://PWIIS01/SPDMS/HMS.ASPX?DOCNO=000544810&DOCTYPE=CORR

LAST TRAN/DATE/OPER: CORR 051914 E288422

END OF ENTRIES





## Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#) | [Transportation](#)

### Facility Details

**Facility ID**            19463  
**Company Name**        COVERT IRON WORKS  
**Address**                7821 S OTIS AVE  
                                  HUNTINGTON PARK, CA 90255

**Status**                ACTIVE

### Are there any back fees due?

Yes. Please contact your AQMD Customer Service Rep. at (909) 396-2900, or call toll-free (866) 888-8838.



## Facility Information Detail (FIND)

[Search Again](#) | 
 [Search Results](#) | 
 [Facility Details](#) | 
 [Equipment List](#) | 
 [Compliance](#) | 
 [Emissions](#) | 
 [Hearing Board](#) | 
 [Transportation](#)

### Equipment List

**Facility ID** 19463  
**Company Name** COVERT IRON WORKS  
**Address** 7821 S OTIS AVE  
 HUNTINGTON PARK, CA 90255

Appl_Nbr	Permit_Nbr	Issued_Date	Permit_Status	Eq_Type	Equip_Description	Appl_Date	Appl_Status
<a href="#">486486</a>	G6716	1/8/2010	ACTIVE	Basic	FOUNDRY SAND MOLD, COLD FORMING PROCESS	7/31/2008	PERMIT TO OPERATE GRANTED
<a href="#">288880</a>	D81979	4/8/1994	ACTIVE	Control	BAGHOUSE, AMBIENT TEMP (>100-500 SQ FT)	1/18/1994	PERMIT TO OPERATE GRANTED
<a href="#">287840</a>	D81978	4/8/1994	ACTIVE	Basic	SAND HANDLING EQUIPMENT FOUNDRY	12/10/1993	PERMIT TO OPERATE GRANTED
<a href="#">246653</a>	D68739	1/26/1993	ACTIVE	Control	BAGHOUSE, AMBIENT TEMP (>500 SQ FT)	4/1/1991	PERMIT TO OPERATE GRANTED
<a href="#">222962</a>	D28941	7/9/1990	ACTIVE	Basic	ABRASIVE BLASTING (CABINET/MACHINE/ROOM)	2/16/1990	PERMIT TO OPERATE GRANTED
<a href="#">222690</a>	D34303	11/29/1990	INACTIVE	Basic	SAND HANDLING EQUIPMENT FOUNDRY	2/16/1990	PERMIT TO OPERATE GRANTED
<a href="#">222962</a>	D28941	7/9/1990	ACTIVE	Control	BAGHOUSE, AMBIENT TEMP (>500 SQ FT)	2/16/1990	PERMIT TO OPERATE GRANTED
<a href="#">222690</a>	D34303	11/29/1990	INACTIVE	Control	SCRUBBER, OTHER VENTING S.S.	2/16/1990	PERMIT TO OPERATE GRANTED
<a href="#">C14306</a>	M14107	11/4/1980	ACTIVE	Basic	CORE OVEN	1/1/1990	PERMIT TO OPERATE GRANTED
<a href="#">C27258</a>	M22342	2/10/1982	ACTIVE	Basic	SAND HANDLING EQUIPMENT FOUNDRY	1/1/1990	PERMIT TO OPERATE GRANTED
<a href="#">C27689</a>	909608	6/1/1983	INACTIVE	Basic	SERV STAT STORAGE & DISPENSING GASOLINE	1/1/1990	PERMIT TO OPERATE GRANTED
<a href="#">C27689</a>	909608	6/1/1983	INACTIVE	Control	AMINE (OR DEA) REGENERATION	1/1/1990	PERMIT TO OPERATE GRANTED
<a href="#">C27258</a>	M22342	2/10/1982	ACTIVE	Control	SCRUBBER, OTHER VENTING S.S.	1/1/1990	PERMIT TO OPERATE GRANTED
<a href="#">160848</a>	M60816		ACTIVE	Basic	ABRASIVE BLASTING (CABINET/MACHINE/ROOM)	9/11/1987	PERMIT TO OPERATE GRANTED
<a href="#">141344</a>	M58865	9/21/1987	ACTIVE	Basic	FURNACE ELECT IND & RES IRON-STEEL	2/7/1986	PERMIT TO OPERATE GRANTED
<a href="#">141345</a>	M58866	9/21/1987	ACTIVE	Basic	FURNACE ELECT IND & RES IRON-STEEL	2/7/1986	PERMIT TO OPERATE GRANTED
<a href="#">C14305</a>	M14140	11/4/1980	INACTIVE	Basic	ABRASIVE BLASTING (CABINET/MACHINE/ROOM)		PERMIT TO OPERATE GRANTED
<a href="#">C14302</a>	M04560	6/8/1978	INACTIVE	Basic	CORE OVEN		PERMIT TO OPERATE GRANTED
<a href="#">C14303</a>	M04576	6/8/1978	INACTIVE	Basic	CORE OVEN		PERMIT TO OPERATE GRANTED
<a href="#">C14300</a>	M14138	8/1/1982	INACTIVE	Basic	FURNACE REVERB IRON-STEEL		PERMIT TO OPERATE

						GRANTED
<a href="#">C14301</a>	M14139	8/1/1982	INACTIVE	Basic	FURNACE REVERB IRON-STEEL	PERMIT TO OPERATE GRANTED
<a href="#">C16832</a>	M17424	6/15/1981	INACTIVE	Basic	SAND HANDLING EQUIPMENT FOUNDRY	PERMIT TO OPERATE GRANTED
<a href="#">C14305</a>	M14140	11/4/1980	INACTIVE	Control	BAGHOUSE	PERMIT TO OPERATE GRANTED
<a href="#">C14304</a>	M14137	11/4/1980	INACTIVE	Control	BAGHOUSE, AMBIENT TEMP (>500 SQ FT)	PERMIT TO OPERATE GRANTED
<a href="#">C36029</a>	M22341	2/10/1982	INACTIVE	Control	SCRUBBER, OTHER VENTING S.S.	PERMIT TO OPERATE GRANTED

<a href="#">First</a>	<a href="#">Prev</a>	Page 1 of 1 (25 records)	<a href="#">Next</a>	<a href="#">Last</a>	Page <input type="text" value="1"/>	<a href="#">Export To Excel</a>
-----------------------	----------------------	--------------------------	----------------------	----------------------	-------------------------------------	---------------------------------



## Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

### Application Details

Application/Tracking Number      486486

#### Facility Information

Business Name      COVERT IRON WORKS

Facility ID      19463      Facility Status      ACTIVE

#### Application Information

Application Type      Equipment Operating Without A Permit      Application Received      7/31/2008

Application Status      PERMIT TO OPERATE GRANTED      Application Deemed Complete      8/22/2008

Equipment Desc      FOUNDRY SAND MOLD, COLD FORMING PROCESS

Permit Number      G6716      Permit Status      ACTIVE

[View Permit Image](#)

#### Engineer Information

Engineer Assigned      DEREK K HOLLINSHEAD

Engineer Phone      (909) 396-2275      Team Assigned      D





## Facility Information Detail (FIND)

[Search Again](#) | 
 [Search Results](#) | 
 [Facility Details](#) | 
 [Equipment List](#) | 
 [Compliance](#) | 
 [Emissions](#) | 
 [Hearing Board](#)

### Application Details

Application/Tracking Number      288880

#### Facility Information

Business Name      COVERT IRON WORKS

Facility ID      19463      Facility Status      ACTIVE

#### Application Information

Application Type      New Construction (Permit to Construct)      Application Received      1/18/1994

Application Status      PERMIT TO OPERATE GRANTED      Application Deemed Complete      4/8/1994

Equipment Desc      BAGHOUSE, AMBIENT TEMP (>100-500 SQ FT)

Permit Number      D81979      Permit Status      ACTIVE

[View Permit Image](#)

#### Engineer Information

Engineer Assigned

Engineer Phone      Team Assigned      J0



# Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

## Application Details

Application/Tracking Number      287840

### Facility Information

Business Name      COVERT IRON WORKS

Facility ID      19463      Facility Status      ACTIVE

### Application Information

Application Type      New Construction (Permit to Construct)      Application Received      12/10/1993

Application Status      PERMIT TO OPERATE GRANTED      Application Deemed Complete      4/8/1994

Equipment Desc      SAND HANDLING EQUIPMENT FOUNDRY

Permit Number      D81978      Permit Status      ACTIVE

[View Permit Image](#)

### Engineer Information

Engineer Assigned

Engineer Phone      Team Assigned      JO



# Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

## Application Details

Application/Tracking Number      246653

### Facility Information

Business Name      COVERT IRON WORKS

Facility ID      19463      Facility Status      ACTIVE

### Application Information

Application Type      New Construction (Permit to Construct)      Application Received      4/1/1991

Application Status      PERMIT TO OPERATE GRANTED      Application Deemed Complete      4/18/1991

Equipment Desc      BAGHOUSE, AMBIENT TEMP (>500 SQ FT)

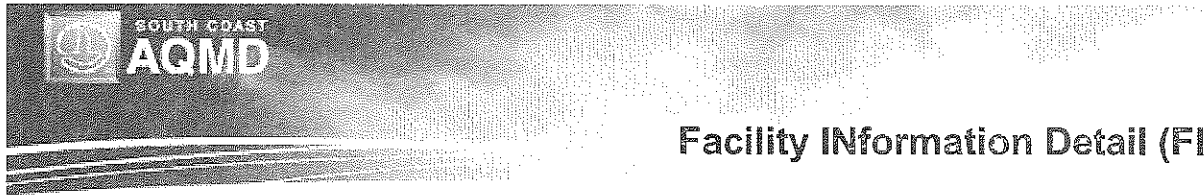
Permit Number      D68739      Permit Status      ACTIVE

[View Permit Image](#)

### Engineer Information

Engineer Assigned

Engineer Phone      Team Assigned      D1



[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

**Application Details**

Application/Tracking Number      222962

Facility Information

Business Name      COVERT IRON WORKS

Facility ID      19463      Facility Status      ACTIVE

Application Information

Application Type      Alteration/Modification      Application Received      2/16/1990

Application Status      PERMIT TO OPERATE GRANTED      Application Deemed Complete      7/9/1990

Equipment Desc      ABRASIVE BLASTING (CABINET/MACHINE/ROOM); BAGHOUSE, AMBIENT TEMP (>500 SQ FT)

Permit Number      D28941      Permit Status      ACTIVE

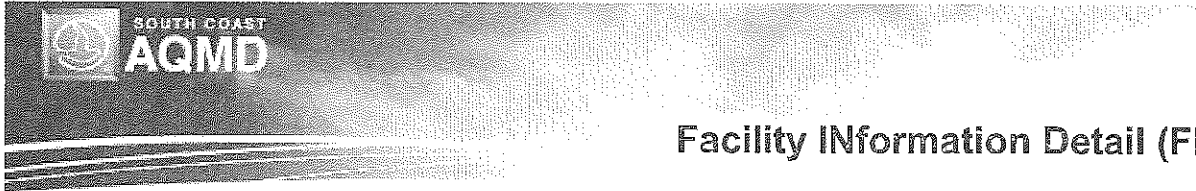
[View Permit Image](#)

Engineer Information

Engineer Assigned

Engineer Phone      Team Assigned      10





[Search Again](#) | 
 [Search Results](#) | 
 [Facility Details](#) | 
 [Equipment List](#) | 
 [Compliance](#) | 
 [Emissions](#) | 
 [Hearing Board](#)

**Application Details**

Application/Tracking Number      222690

Facility Information

Business Name      COVERT IRON WORKS

Facility ID      19463      Facility Status      ACTIVE

Application Information

Application Type      Alteration/Modification      Application Received      2/16/1990

Application Status      PERMIT TO OPERATE GRANTED      Application Deemed Complete      11/29/1990

Equipment Desc      SAND HANDLING EQUIPMENT FOUNDRY; SCRUBBER, OTHER VENTING S.S.

Permit Number      D34303      Permit Status      INACTIVE

Engineer Information

Engineer Assigned

Engineer Phone      Team Assigned      D1



# Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

## Application Details

Application/Tracking Number      C14306

### Facility Information

Business Name      COVERT IRON WORKS

Facility ID      19463      Facility Status      ACTIVE

### Application Information

Application Type      Equipment On-Site But Not Constructed or Operational      Application Received      1/1/1990

Application Status      PERMIT TO OPERATE GRANTED      Application Deemed Complete

Equipment Desc      CORE OVEN

Permit Number      M14107      Permit Status      ACTIVE

[View Permit Image](#)

### Engineer Information

Engineer Assigned      GENERIC ENGINEER

Engineer Phone      ( ) -      Team Assigned



## Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

### Application Details

Application/Tracking Number      C27258

#### Facility Information

Business Name      COVERT IRON WORKS

Facility ID      19463      Facility Status      ACTIVE

#### Application Information

Application Type      Equipment On-Site But Not Constructed or Operational      Application Received      1/1/1990

Application Status      PERMIT TO OPERATE GRANTED      Application Deemed Complete

Equipment Desc      SAND HANDLING EQUIPMENT FOUNDRY; SCRUBBER, OTHER VENTING S.S.

Permit Number      M22342      Permit Status      ACTIVE

[View Permit Image](#)

#### Engineer Information

Engineer Assigned      GENERIC ENGINEER

Engineer Phone      ( ) -      Team Assigned



# Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

## Application Details

Application/Tracking Number      C27689

### Facility Information

Business Name      COVERT IRON WORKS

Facility ID      19463      Facility Status      ACTIVE

### Application Information

Application Type      Equipment On-Site But Not Constructed or Operational      Application Received      1/1/1990

Application Status      PERMIT TO OPERATE GRANTED      Application Deemed Complete

Equipment Desc      SERV STAT STORAGE & DISPENSING GASOLINE; AMINE (OR DEA) REGENERATION

Permit Number      909608      Permit Status      INACTIVE

[View Permit Image](#)

### Engineer Information

Engineer Assigned

Engineer Phone      Team Assigned





# Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

## Application Details

Application/Tracking Number      160848

### Facility Information

Business Name      COVERT IRON WORKS

Facility ID      19463      Facility Status      ACTIVE

### Application Information

Application Type      New Construction (Permit to Construct)      Application Received      9/11/1987

Application Status      PERMIT TO OPERATE GRANTED      Application Deemed Complete

Equipment Desc      ABRASIVE BLASTING (CABINET/MACHINE/ROOM)

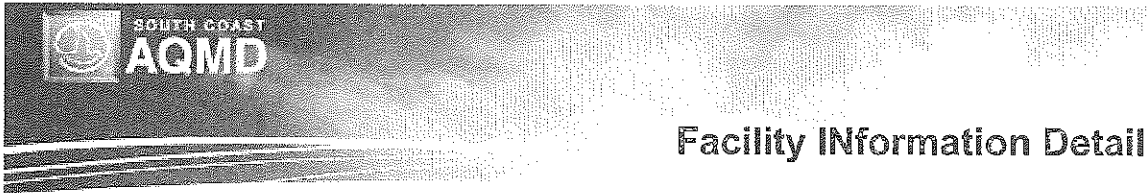
Permit Number      M60816      Permit Status      ACTIVE

[View Permit Image](#)

### Engineer Information

Engineer Assigned

Engineer Phone      Team Assigned      01



[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

**Application Details**

Application/Tracking Number      141344

Facility Information

Business Name      COVERT IRON WORKS

Facility ID      19463      Facility Status      ACTIVE

Application Information

Application Type      New Construction (Permit to Construct)      Application Received      2/7/1986

Application Status      PERMIT TO OPERATE GRANTED      Application Deemed Complete

Equipment Desc      FURNACE ELECT IND & RES IRON-STEEL

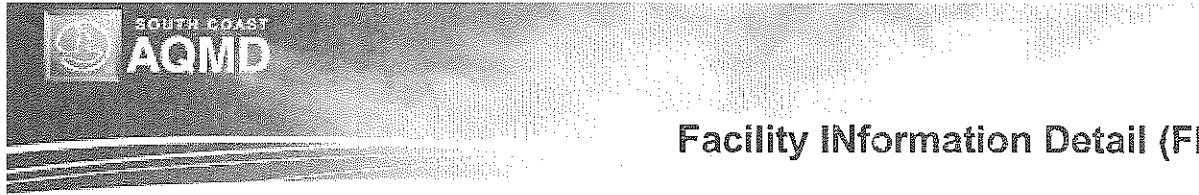
Permit Number      M58865      Permit Status      ACTIVE

[View Permit Image](#)

Engineer Information

Engineer Assigned

Engineer Phone      Team Assigned      01



## Facility Information Detail (FIND)

[Search Again](#) | 
 [Search Results](#) | 
 [Facility Details](#) | 
 [Equipment List](#) | 
 [Compliance](#) | 
 [Emissions](#) | 
 [Hearing Board](#)

### Application Details

Application/Tracking Number      141345

#### Facility Information

Business Name      COVERT IRON WORKS

Facility ID      19463      Facility Status      ACTIVE

#### Application Information

Application Type      New Construction (Permit to Construct)      Application Received      2/7/1986

Application Status      PERMIT TO OPERATE GRANTED      Application Deemed Complete

Equipment Desc      FURNACE ELECT IND & RES IRON-STEEL

Permit Number      M58866      Permit Status      ACTIVE

[View Permit Image](#)

#### Engineer Information

Engineer Assigned

Engineer Phone      Team Assigned      01



# Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

## Application Details

Application/Tracking Number      C14305

### Facility Information

Business Name

Facility ID      19463

Facility Status

### Application Information

Application Type

Application Received

Application Status

Application Deemed Complete

Equipment Desc      ABRASIVE BLASTING (CABINET/MACHINE/ROOM); BAGHOUSE

Permit Number

Permit Status

INACTIVE

[View Permit Image](#)

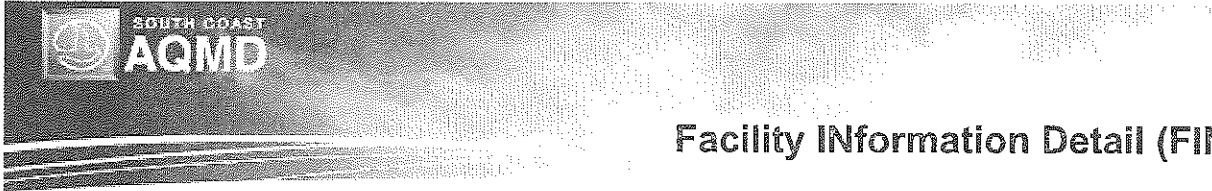
### Engineer Information

Engineer Assigned

Engineer Phone

Team Assigned





[Search Again](#) | 
 [Search Results](#) | 
 [Facility Details](#) | 
 [Equipment List](#) | 
 [Compliance](#) | 
 [Emissions](#) | 
 [Hearing Board](#)

**Application Details**

Application/Tracking Number      C14302

Facility Information

Business Name

Facility ID      19463

Facility Status

Application Information

Application Type

Application Received

Application Status

Application Deemed Complete

Equipment Desc      CORE OVEN

Permit Number

Permit Status

INACTIVE

[View Permit Image](#)

Engineer Information

Engineer Assigned

Engineer Phone

Team Assigned



# Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

## Application Details

Application/Tracking Number      C14303

### Facility Information

Business Name

Facility ID      19463

Facility Status

### Application Information

Application Type

Application Received

Application Status

Application Deemed Complete

Equipment Desc      CORE OVEN

Permit Number

Permit Status

INACTIVE

[View Permit Image](#)

### Engineer Information

Engineer Assigned

Engineer Phone

Team Assigned



# Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

## Application Details

Application/Tracking Number      C14300

### Facility Information

Business Name

Facility ID      19463

Facility Status

### Application Information

Application Type

Application Received

Application Status

Application Deemed Complete

Equipment Desc      FURNACE REVERB IRON-STEEL

Permit Number

Permit Status

INACTIVE

[View Permit Image](#)

### Engineer Information

Engineer Assigned

Engineer Phone

Team Assigned



# Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

## Application Details

Application/Tracking Number      C14301

### Facility Information

Business Name

Facility ID      19463

Facility Status

### Application Information

Application Type

Application Received

Application Status

Application Deemed Complete

Equipment Desc      FURNACE REVERB IRON-STEEL

Permit Number

Permit Status

INACTIVE

[View Permit Image](#)

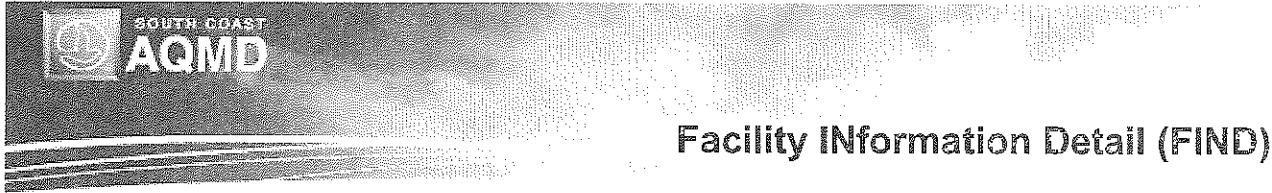
### Engineer Information

Engineer Assigned

Engineer Phone

Team Assigned





[Search Again](#) | 
 [Search Results](#) | 
 [Facility Details](#) | 
 [Equipment List](#) | 
 [Compliance](#) | 
 [Emissions](#) | 
 [Hearing Board](#)

**Application Details**

Application/Tracking Number      C16832

Facility Information

Business Name

Facility ID      19463

Facility Status

Application Information

Application Type

Application Received

Application Status

Application Deemed Complete

Equipment Desc      SAND HANDLING EQUIPMENT FOUNDRY

Permit Number

Permit Status

INACTIVE

[View Permit Image](#)

Engineer Information

Engineer Assigned

Engineer Phone

Team Assigned



# Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

## Application Details

Application/Tracking Number      C14304

### Facility Information

Business Name

Facility ID      19463

Facility Status

### Application Information

Application Type

Application Received

Application Status

Application Deemed Complete

Equipment Desc      BAGHOUSE, AMBIENT TEMP (>500 SQ FT)

Permit Number

Permit Status

INACTIVE

[View Permit Image](#)

### Engineer Information

Engineer Assigned

Engineer Phone

Team Assigned



# Facility Information Detail (FIND)

[Search Again](#) | [Search Results](#) | [Facility Details](#) | [Equipment List](#) | [Compliance](#) | [Emissions](#) | [Hearing Board](#)

## Application Details

Application/Tracking Number      C36029

### Facility Information

Business Name

Facility ID      19463

Facility Status

### Application Information

Application Type

Application Received

Application Status

Application Deemed Complete

Equipment Desc      SCRUBBER, OTHER VENTING S.S.

Permit Number

Permit Status

INACTIVE

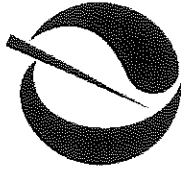
[View Permit Image](#)

### Engineer Information

Engineer Assigned

Engineer Phone

Team Assigned



**Matthew Rodriguez**  
*Secretary for  
 Environmental Protection*

**Department of Toxic Substances  
 Control**

---

**Barbara A. Lee, Director**  
 1001 I Street  
 P.O. Box 806  
 Sacramento, CA 958120806



**Edmund G. Brown Jr**  
*Governor*

**Facility Search Results**

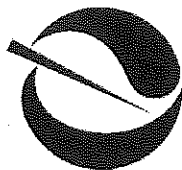
**Selection Criteria:**

**Facility:**  
**Search on:** Physical Address  
**Street:** 7821  
**Zip:** 90255  
**Status:** Active and Inactive  
**Sort Direction:** asc  
**Sorted By:** EPA ID  
**Records Found:** 0

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

**Report Generation Date:** 12/13/2018





*Matthew Rodriguez*  
*Secretary for*  
*Environmental Protection*

## Department of Toxic Substances Control

---

**Barbara A. Lee , Director**  
**1001 I Street**  
**P.O. Box 806**  
**Sacramento , CA 958120806**



*Edmund G. Brown Jr.*  
*Governor*

### Facility Search Results

**Selection Criteria:**

**Facility:**  
**Search on:** Physical Address  
**Street:** 7835  
**Zip:** 90255  
**Status:** Active and Inactive  
**Sort Direction:** asc  
**Sorted By:** EPA ID  
**Records Found:** 0

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

**Report Generation Date:** 12/13/2018



2883 East Spring Street  
Suite 300  
Long Beach CA 90806

Tel 562.426.3355  
Fax 562.426.6424

October 18, 2018  
Project No.: 180915.1

KLARE Holdings and its Subsidiary  
Attn. Kyle Salyer  
3601 E. 1st Street  
Los Angeles, CA 90063

**Subject: Memorandum – Preliminary Geotechnical Findings**  
New KIPP Elementary and Middle School Project  
7801-7835 Otis Avenue  
Cudahy, California

Mr. Salyer,

In accordance with your request, Twining, Inc. (Twining) is pleased to present our preliminary geotechnical findings based on our field exploration for your evaluation. Please note the preliminary findings presented in this memorandum are subject to changes once more data from our laboratory testing and engineering analyses becomes available. The list of our preliminary findings is presented below:

- The field exploration consisted of five exploratory borings was conducted at the site on October 16, 2018. The borings were advanced to a depth of approximately between 5 feet and 51½ feet below the existing grade.
- Two of the borings (5 feet and 10 feet deep) were utilized to perform percolation testing to evaluate the infiltration rate. Based on our preliminary analyses, infiltration BMP facility is feasible for the future development.
- In general, the materials encountered during the exploratory excavation consisted of fill and alluvial soil. The fill varies in depth from approximately 2 feet to 10 feet in depth. Alluvium is located below the fill.
- It shall be noted that our soil borings B-1, B-2, and B-3 within the northern half of the site encountered approximately 10 feet of undocumented fill. This fill material is partially composed of construction waste such as bricks, metal fragments, and black asphalt-like material that is likely the waste from the iron works located on the property. Based on our review of historical aerial photos, we estimate this fill has been in place for at least 30 years. Due to limited number of borings performed on the site, we assumed the undocumented fill extends the entire northern half of the site as presented on the attached Figure 1 – Site Plan and Boring Location Map. In addition, undocumented fill is possible located at other areas of the site. **We strongly recommend KIPP retain an environmental consultant to investigate the extents of this undocumented fill, and to sample and test this fill for hazardous material content. This material shall be environmentally tested prior to exporting to an off-site certified landfill yard for disposal or can remain on-site.**
- The alluvium consists of predominantly silty sand to sandy silt and some poorly graded sand. Some lean clay was encountered at approximately 50 feet below ground surface.
- Groundwater was not encountered within the deepest exploratory boring at a depth of approximately 51.5 feet below the existing ground surface. Based on our review of the Seismic Hazard Zone report (California Department of Conservation, Division of Mines and Geology, 1998), the historical high groundwater level is reported at approximately 10 feet below ground surface at the project site.



2883 East Spring Street  
Suite 300  
Long Beach CA 90806

Tel 562.426.3355  
Fax 562.426.6424

- The subject site is not located within a State of California Earthquake Fault Zone (formerly known as a Special Studies Zone).
- The site is located within a state-designated Zone of Required Investigation for Liquefaction (California Geological Survey, 2016). Based on our preliminary interpretation of boring logs, the site is susceptible to liquefaction hazard.
- Due to potential liquefaction hazard, we expect certain liquefaction-induced settlement that is likely to induce differential settlement to the building. We recommend that the future proposed building on site should be supported by a mat foundation or spread footings tied with grade beams to mitigate such a hazard. Deep foundations or aggregate piers may be considered once the detailed liquefaction analysis becomes available.
- Based on our field classification of the near-surface soils, it is our opinion that these exposed soils will have a "very low" expansion potential. Mitigation for expansive soils is not required.

We hope this letter provides sufficient preliminary geotechnical information for your design team to evaluate their plan. Should you have any further questions related geotechnical engineering, please feel free to contact me. Thank you.

Best Regards,

Sean Lin, GE 2921  
Chief Geotechnical Engineer

Attachment: Site Plan and Boring Location Map



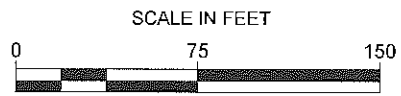
**LEGEND**

B-1 APPROXIMATE LOCATION OF  
 TD=26.5' BORING BY TWINING  
 TOTAL DEPTH IN FEET



————— APPROXIMATE PROPERTY  
 BOUNDARY

- - - - - POSSIBLE AREA OF  
 UNDOCUMENTED FILL



REFERENCE: GOOGLE EARTH (2018)



**SITE PLAN AND BORING LOCATION MAP**

KIPP ELEMENTARY AND MIDDLE SCHOOL PROJECT  
 7801-7835 OTIS AVENUE  
 CUDAHY, CA

PROJECT NO.  
 180915.1

REPORT DATE  
 October 2018

FIGURE 1



**Exhibit D**

EDR Radius Map Records

**7801 Otis Avenue**  
7801 Otis Avenue  
Huntington Park, CA 90255

Inquiry Number: 5444809.2s  
October 05, 2018

The EDR Radius Map™ Report with GeoCheck®



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

# TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary .....	ES1
Overview Map .....	2
Detail Map .....	3
Map Findings Summary .....	4
Map Findings .....	9
Orphan Summary .....	288
Government Records Searched/Data Currency Tracking .....	GR-1
<b><u>GEOCHECK ADDENDUM</u></b>	
Physical Setting Source Addendum .....	A-1
Physical Setting Source Summary .....	A-2
Physical Setting Source Map .....	A-9
Physical Setting Source Map Findings .....	A-10
Physical Setting Source Records Searched .....	PSGR-1

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

**Disclaimer - Copyright and Trademark Notice**

This Report contains certain information obtained from a variety of public and other sources reasonably available to Environmental Data Resources, Inc. It cannot be concluded from this Report that coverage information for the target and surrounding properties does not exist from other sources. **NO WARRANTY EXPRESSED OR IMPLIED, IS MADE WHATSOEVER IN CONNECTION WITH THIS REPORT. ENVIRONMENTAL DATA RESOURCES, INC. SPECIFICALLY DISCLAIMS THE MAKING OF ANY SUCH WARRANTIES, INCLUDING WITHOUT LIMITATION, MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR PURPOSE. ALL RISK IS ASSUMED BY THE USER. IN NO EVENT SHALL ENVIRONMENTAL DATA RESOURCES, INC. BE LIABLE TO ANYONE, WHETHER ARISING OUT OF ERRORS OR OMISSIONS, NEGLIGENCE, ACCIDENT OR ANY OTHER CAUSE, FOR ANY LOSS OF DAMAGE, INCLUDING, WITHOUT LIMITATION, SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR EXEMPLARY DAMAGES. ANY LIABILITY ON THE PART OF ENVIRONMENTAL DATA RESOURCES, INC. IS STRICTLY LIMITED TO A REFUND OF THE AMOUNT PAID FOR THIS REPORT.** Purchaser accepts this Report "AS IS". Any analyses, estimates, ratings, environmental risk levels or risk codes provided in this Report are provided for illustrative purposes only, and are not intended to provide, nor should they be interpreted as providing any facts regarding, or prediction or forecast of, any environmental risk for any property. Only a Phase I Environmental Site Assessment performed by an environmental professional can provide information regarding the environmental risk for any property. Additionally, the information provided in this Report is not to be construed as legal advice.

Copyright 2018 by Environmental Data Resources, Inc. All rights reserved. Reproduction in any media or format, in whole or in part, of any report or map of Environmental Data Resources, Inc., or its affiliates, is prohibited without prior written permission. EDR and its logos (including Sanborn and Sanborn Map) are trademarks of Environmental Data Resources, Inc. or its affiliates. All other trademarks used herein are the property of their respective owners.

## 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

7801 OTIS AVENUE  
HUNTINGTON PARK, CA 90255

#### COORDINATES

Latitude (North): 33.9649650 - 33° 57' 53.87"  
Longitude (West): 118.1949770 - 118° 11' 41.91"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 389595.7  
UTM Y (Meters): 3758720.2  
Elevation: 130 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5633765 SOUTH GATE, CA  
Version Date: 2012

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140513  
Source: USDA



MAPPED SITES SUMMARY

Target Property Address:  
 7801 OTIS AVENUE  
 HUNTINGTON PARK, CA 90255

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	PENNY RECYCLING CENT	7801 OTIS AVE	SWRCY		TP
A2	COVERT IRON WORKS	7821 OTIS AVE	UST	Higher	1 ft.
A3	COVERT IRON WORKS IN	7821 OTIS AVE	HAZNET	Higher	1 ft.
A4	COVERT IRON WORKS	7821 S OTIS AVE	LOS ANGELES CO. HMS, NPDES, CIWQS	Higher	1 ft.
A5	COVERT IRON WORKS	7821 S OTIS AVE	FINDS, ECHO	Higher	1 ft.
B6	CITY OF CUDAHY MAINT	7810 OTIS AVE	LUST	Lower	185, 0.035, SE
B7	CITY OF CUDAHY MAINT	7810 OTIS AVE	LUST, HIST CORTESE	Lower	185, 0.035, SE
C8	RCH PAPER BOX COMPAN	7962 SALT LAKE AVE	LUST, HIST CORTESE	Lower	465, 0.088, SSE
9	CENTURY ARCO	8001 OTIS AVE	EDR Hist Auto	Lower	606, 0.115, South
C10	AAA RECYCLING METAL	7962 SALT LAKE AVE	SWRCY	Lower	628, 0.119, SSE
11	HUGHES ELEMENTARY SC	4242 CLARA ST	RCRA-SQG, FINDS, ECHO	Higher	725, 0.137, ENE
D12	LIBERTY CONTAINER CO	4224 SANTA ANA STREE	RCRA-SQG, FINDS, ECHO, HAZNET, NPDES, CIWQS	Lower	1110, 0.210, SSE
D13	PETROCHEM MATERIALS	4242 SANTA ANA STREE	CPS-SLIC, NPDES, CIWQS	Lower	1197, 0.227, SSE
14	NSC LONG BCH		ENVIROSTOR	Lower	1350, 0.256, South
E15	W.R. GRACE & COMPANY	4244 SANTA ANA ST	LUST, EMI	Lower	1458, 0.276, SSE
E16	SOUTH GATE CORPORATE	4244 SANTA ANA ST.	LUST, CPS-SLIC, HIST CORTESE	Lower	1458, 0.276, SSE
F17	HEGER REALTY CORPORA	4231 LIBERTY	LUST, HIST CORTESE	Lower	1895, 0.359, South
G18	JC ARCO	4200 FLORENCE AVE E	LUST, HIST CORTESE	Higher	2000, 0.379, NNE
F19	CHEM-NICKEL CO INC	8414 OTIS ST	ENVIROSTOR, CPS-SLIC, HAZNET, LA Co. Site...	Lower	2073, 0.393, South
F20	CHEM-NICKEL CO, INC	8414 OTIS ST	SEMS-ARCHIVE, RCRA-SQG, FINDS, ECHO	Lower	2073, 0.393, South
21	RHEEM MANUFACTURING		ENVIROSTOR	Lower	2166, 0.410, SSW
22	WASTE MANAGEMENT SOU	4489 ARDINE STREET	SWF/LF, CIWQS	Lower	2208, 0.418, SSE
G23	VICTOR HOLLWEG	7116 OTIS AVE	LUST	Higher	2214, 0.419, NNE
24	OKEH CATERERS	7301 ATLANTIC AVE.	LUST	Higher	2347, 0.445, NE
25	THRIFTY #009	3831 FLORENCE AVE E	LUST, HIST CORTESE	Higher	2366, 0.448, NNW
H26	PQ CORP.	8401 QUARTZ AVENUE	ENVIROSTOR	Lower	2493, 0.472, SSE
H27	PQ CORPORATION	8401 QUARTZ AVE	CPS-SLIC, EMI, NPDES, LA Co. Site Mitigation,...	Lower	2493, 0.472, SSE
28	TOWNS AUTOTRONICS	7852 CALIFORNIA	RCRA-SQG, LUST, FINDS, ECHO, HIST CORTESE	Higher	2530, 0.479, West
I29	TUNE UP MASTERS SHOP	4404 FLORENCE AVE E	LUST, HIST CORTESE	Higher	2535, 0.480, NE
I30	FORMER MIDAS MUFFLER	4406 E. FLORENCE AVE	ENVIROSTOR	Higher	2564, 0.486, NE
31	CHEM-NICKEL CO (FORM	8400, 8408, AND 8414	CPS-SLIC	Lower	2577, 0.488, South
32	SOUTH REGION ES #3 5	ATLANTIC AVENUE/FLOR	ENVIROSTOR, SCH	Higher	2734, 0.518, NE
J33	BRENNTAG PACIFIC INC	4545 ARDINE STREET	ENVIROSTOR, LUST, CPS-SLIC, VCP, SWEEPS UST, HIST...	Lower	2830, 0.536, SSE
J34	LOS ANGELES CHEMICAL	4545 ARDINE ST	ENVIROSTOR, CPS-SLIC, TSCA, HAZNET	Lower	2830, 0.536, SSE
J35	UNITED STATES GYPSUM	4500 ARDINE STREET	ENVIROSTOR	Lower	3051, 0.578, SSE
K36	VAPEX	8600 RHEEM AVE	HWP	Lower	3168, 0.600, South
K37	VAPEX	8600 RHEEM AVENUE	ENVIROSTOR, LUST, CPS-SLIC, SWEEPS UST, EMI, HIST...	Lower	3168, 0.600, South
38	SOUTH GATE MIDDLE SC	FLORENCE/CALIFORNIA	ENVIROSTOR, SCH	Higher	3327, 0.630, NW
39	ELIZABETH LEARNING C	4811 ELIZABETH STREE	ENVIROSTOR, SCH	Lower	3426, 0.649, ESE

MAPPED SITES SUMMARY

Target Property Address:  
 7801 OTIS AVENUE  
 HUNTINGTON PARK, CA 90255

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
40	TITAN TERMINAL & TR	4570 ARDINE ST	SEMS, RCRA-SQG, ENVIROSTOR, LUST, VCP, SWEEPS UST	Lower	3572, 0.677, SE
41	BOWERS DIVISION	8685 BOWERS	ENVIROSTOR, LUST, DEED, HIST CORTESE	Lower	3835, 0.726, SSE
42	HUNTINGTON PARK CITY	7001 BISSELL ST	ENVIROSTOR, SWF/LF, WMUDS/SWAT, HIST CORTESE	Higher	3942, 0.747, NW
43	I-710 CORRIDOR DISCO	NORTHERN I-710 CORRI	ENVIROSTOR	Lower	4111, 0.779, SE
44	GENERAL INSPECTION L	8427 ATLANTIC AVENUE	ENVIROSTOR, CPS-SLIC, LA Co. Site Mitigation	Lower	4330, 0.820, SE
L45	USAR HUNTINGTON PARK		ENVIROSTOR	Higher	4332, 0.820, NW
L46	US ARMY RESERVE CORP		UXO	Higher	4344, 0.823, NW
L47	U.S.A.R. HUNTINGTON		FUDS	Higher	4344, 0.823, NW
48	AZALEA JOINT VENTURE	4635 EAST FIRESTONE	ENVIROSTOR, LUST, VCP, HIST UST, HAZNET, WDS	Lower	4371, 0.828, SSE
49	STATE STREET ELEMENT	7917, 7919, 7923, 79	ENVIROSTOR, SCH	Higher	4584, 0.868, West
50	GREENS CLEANERS	4600 FIRESTONE BLVD	RCRA-SQG, RESPONSE, ENVIROSTOR, FINDS, ECHO,...	Lower	4709, 0.892, SSE
51	M STEPHENS MANUFACTU	4839 PATATA STREET	ENVIROSTOR, LUST, SWEEPS UST, EMI, HIST CORTESE	Lower	4882, 0.925, SE
M52	4022 GAGE AVENUE & V	4022 GAGE AVENUE	ENVIROSTOR	Higher	4894, 0.927, North
M53	G. L. GIN CHINESE LA	4032 GAGE AV	RESPONSE, ENVIROSTOR, Cortese, EMI	Higher	4900, 0.928, North
54	SOUTH REGION ES #4 S	8929 KAUFFMAN AVENUE	ENVIROSTOR, SCH, DEED	Lower	4914, 0.931, SSE
N55	CORONA PRIMARY CENTE	GAGE AVENUE/BEAR AVE	ENVIROSTOR, SCH	Higher	4934, 0.934, North
56	SOUTH REGION MIDDLE	LOMA VISTA PLACE/GAG	ENVIROSTOR, SCH	Higher	5043, 0.955, NNW
N57	CORONA NEW PRIMARY C	GAGE AVENUE/BEAR AVE	ENVIROSTOR, SCH	Higher	5059, 0.958, North
58	PARK AVENUE PRIMARY	7326 SOUTH WILCOX AV	ENVIROSTOR, SCH	Lower	5120, 0.970, East
59	CONSOLIDATED PRECISI	8333 WILCOX AVENUE	ENVIROSTOR, SWEEPS UST	Lower	5240, 0.992, ESE

## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

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

Site	Database(s)	EPA ID
PENNY RECYCLING CENT 7801 OTIS AVE CUDAHY, CA 90201	SWRCY Cert Id: RC138583.001	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 RCRA generators list***

RCRA-LQG..... RCRA - Large Quantity Generators  
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

#### ***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  
AST..... Aboveground Petroleum Storage Tank Facilities  
INDIAN UST..... Underground Storage Tanks on Indian Land

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

VCP..... Voluntary Cleanup Program Properties  
INDIAN VCP..... Voluntary Cleanup Priority Listing

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Considered Brownfields Sites Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

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

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

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

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

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

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

SWEEPS UST..... SWEEPS UST Listing



## EXECUTIVE SUMMARY

HIST UST..... Hazardous Substance Storage Container Database  
CA FID UST..... Facility Inventory Database  
CERS TANKS..... California Environmental Reporting System (CERS) Tanks

### **Local Land Records**

LIENS..... Environmental Liens Listing  
LIENS 2..... CERCLA Lien Information  
DEED..... Deed Restriction Listing

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

HMIRS..... Hazardous Materials Information Reporting System  
CHMIRS..... California Hazardous Material Incident Report System  
LDS..... Land Disposal Sites Listing  
MCS..... Military Cleanup Sites Listing  
SPILLS 90..... SPILLS 90 data from FirstSearch

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
CA BOND EXP. PLAN..... Bond Expenditure Plan

## EXECUTIVE SUMMARY

Cortese.....	"Cortese" Hazardous Waste & Substances Sites List
CUPA Listings.....	CUPA Resources List
DRYCLEANERS.....	Cleaner Facilities
EML.....	Emissions Inventory Data
ENF.....	Enforcement Action Listing
Financial Assurance.....	Financial Assurance Information Listing
ICE.....	ICE
HWT.....	Registered Hazardous Waste Transporter Database
MINES.....	Mines Site Location Listing
MWMP.....	Medical Waste Management Program Listing
PEST LIC.....	Pesticide Regulation Licenses Listing
PROC.....	Certified Processors Database
Notify 65.....	Proposition 65 Records
LA Co. Site Mitigation.....	Site Mitigation List
UIC.....	UIC Listing
WASTEWATER PITS.....	Oil Wastewater Pits Listing
WDS.....	Waste Discharge System
WIP.....	Well Investigation Program Case List
WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)
UIC GEO.....	UIC GEO (GEOTRACKER)
SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
PROJECT.....	PROJECT (GEOTRACKER)
PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
CERS.....	CERS
MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
WDR.....	Waste Discharge Requirements Listing

### 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*

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

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

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

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

## EXECUTIVE SUMMARY

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 07/17/2018 has revealed that there is 1 SEMS-ARCHIVE 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>
<b>CHEM-NICKEL CO, INC</b> Site ID: 0901064 EPA Id: CAD008337941	<b>8414 OTIS ST</b>	<b>S 1/4 - 1/2 (0.393 mi.)</b>	<b>F20</b>	<b>66</b>

#### ***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 03/01/2018 has revealed that there are 2 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>HUGHES ELEMENTARY SC</b> EPA ID:: CAR000140293	<b>4242 CLARA ST</b>	<b>ENE 1/8 - 1/4 (0.137 mi.)</b>	<b>11</b>	<b>23</b>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>LIBERTY CONTAINER CO</b> EPA ID:: CAD982467946	<b>4224 SANTA ANA STREE</b>	<b>SSE 1/8 - 1/4 (0.210 mi.)</b>	<b>D12</b>	<b>25</b>

## EXECUTIVE SUMMARY

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

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

A review of the RESPONSE list, as provided by EDR, has revealed that there are 2 RESPONSE sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>G. L. GIN CHINESE LA</b> Database: RESPONSE, Date of Government Version: 07/30/2018 Status: Active Facility Id: 60001235	<b>4032 GAGE AV</b>	<b>N 1/2 - 1 (0.928 mi.)</b>	<b>M53</b>	<b>245</b>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>GREENS CLEANERS</b> Database: RESPONSE, Date of Government Version: 07/30/2018 Status: Active Facility Id: 60002279	<b>4600 FIRESTONE BLVD</b>	<b>SSE 1/2 - 1 (0.892 mi.)</b>	<b>50</b>	<b>210</b>

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

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 07/30/2018 has revealed that there are 30 ENVIROSTOR sites 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>
<b>FORMER MIDAS MUFFLER</b> Facility Id: 60001861 Status: No Action Required	<b>4406 E. FLORENCE AVE</b>	<b>NE 1/4 - 1/2 (0.486 mi.)</b>	<b>I30</b>	<b>110</b>
<b>SOUTH REGION ES #3 5</b> Facility Id: 60000128 Status: Certified / Operation & Maintenance	<b>ATLANTIC AVENUE/FLORENCE</b>	<b>NE 1/2 - 1 (0.518 mi.)</b>	<b>32</b>	<b>112</b>
<b>SOUTH GATE MIDDLE SC</b> Facility Id: 19650021 Status: Inactive - Needs Evaluation	<b>FLORENCE/CALIFORNIA</b>	<b>NW 1/2 - 1 (0.630 mi.)</b>	<b>38</b>	<b>159</b>
<b>HUNTINGTON PARK CITY</b> Facility Id: 19470004 Status: Refer: RWQCB	<b>7001 BISSELL ST</b>	<b>NW 1/2 - 1 (0.747 mi.)</b>	<b>42</b>	<b>187</b>
<b>USAR HUNTINGTON PARK</b>		<b>NW 1/2 - 1 (0.820 mi.)</b>	<b>L45</b>	<b>196</b>



## EXECUTIVE SUMMARY

Facility Id: 80000491				
Status: Inactive - Needs Evaluation				
<b>STATE STREET ELEMENT</b>	<b>7917, 7919, 7923, 79</b>	<b>W 1/2 - 1 (0.868 mi.)</b>	<b>49</b>	<b>205</b>
Facility Id: 19820075				
Status: Certified				
<b>4022 GAGE AVENUE &amp; V</b>	<b>4022 GAGE AVENUE</b>	<b>N 1/2 - 1 (0.927 mi.)</b>	<b>M52</b>	<b>243</b>
Facility Id: 60000877				
Status: Active				
<b>G. L. GIN CHINESE LA</b>	<b>4032 GAGE AV</b>	<b>N 1/2 - 1 (0.928 mi.)</b>	<b>M53</b>	<b>245</b>
Facility Id: 60001235				
Status: Active				
<b>CORONA PRIMARY CENTE</b>	<b>GAGE AVENUE/BEAR AVE</b>	<b>N 1/2 - 1 (0.934 mi.)</b>	<b>N55</b>	<b>272</b>
Facility Id: 19650020				
Status: No Action Required				
<b>SOUTH REGION MIDDLE</b>	<b>LOMA VISTA PLACE/GAG</b>	<b>NNW 1/2 - 1 (0.955 mi.)</b>	<b>56</b>	<b>275</b>
Facility Id: 19880087				
Status: Certified				
<b>CORONA NEW PRIMARY C</b>	<b>GAGE AVENUE/BEAR AVE</b>	<b>N 1/2 - 1 (0.958 mi.)</b>	<b>N57</b>	<b>279</b>
Facility Id: 19650025				
Status: No Further Action				
<b>Lower Elevation</b>	<b>Address</b>	<b>Direction / Distance</b>	<b>Map ID</b>	<b>Page</b>
<b>NSC LONG BCH</b>		<b>S 1/4 - 1/2 (0.256 mi.)</b>	<b>14</b>	<b>45</b>
Facility Id: 80000670				
Status: Inactive - Needs Evaluation				
<b>CHEM-NICKEL CO INC</b>	<b>8414 OTIS ST</b>	<b>S 1/4 - 1/2 (0.393 mi.)</b>	<b>F19</b>	<b>63</b>
Facility Id: 19340423				
Status: Refer: RWQCB				
<b>RHEEM MANUFACTURING</b>		<b>SSW 1/4 - 1/2 (0.410 mi.)</b>	<b>21</b>	<b>68</b>
Facility Id: 80001132				
Status: Inactive - Needs Evaluation				
<b>PQ CORP.</b>	<b>8401 QUARTZ AVENUE</b>	<b>SSE 1/4 - 1/2 (0.472 mi.)</b>	<b>H26</b>	<b>94</b>
Facility Id: 71002103				
Status: No Action Required				
<b>BRENNTAG PACIFIC INC</b>	<b>4545 ARDINE STREET</b>	<b>SSE 1/2 - 1 (0.536 mi.)</b>	<b>J33</b>	<b>125</b>
Facility Id: 60000330				
Status: Active				
<b>LOS ANGELES CHEMICAL</b>	<b>4545 ARDINE ST</b>	<b>SSE 1/2 - 1 (0.536 mi.)</b>	<b>J34</b>	<b>151</b>
Facility Id: 60001972				
Status: Active				
<b>UNITED STATES GYPSUM</b>	<b>4500 ARDINE STREET</b>	<b>SSE 1/2 - 1 (0.578 mi.)</b>	<b>J35</b>	<b>153</b>
Facility Id: 60002083				
Status: Inactive - Needs Evaluation				
<b>VAPEX</b>	<b>8600 RHEEM AVENUE</b>	<b>S 1/2 - 1 (0.600 mi.)</b>	<b>K37</b>	<b>154</b>
Facility Id: 80001577				
Status: * Inactive				
<b>ELIZABETH LEARNING C</b>	<b>4811 ELIZABETH STREE</b>	<b>ESE 1/2 - 1 (0.649 mi.)</b>	<b>39</b>	<b>161</b>
Facility Id: 19820085				
Status: Inactive - Needs Evaluation				
<b>TITAN TERMINAL &amp; TR</b>	<b>4570 ARDINE ST</b>	<b>SE 1/2 - 1 (0.677 mi.)</b>	<b>40</b>	<b>164</b>

## EXECUTIVE SUMMARY

Facility Id: 19280830				
Status: Active				
<b>BOWERS DIVISION</b>	<b>8685 BOWERS</b>	<b>SSE 1/2 - 1 (0.726 mi.)</b>	<b>41</b>	<b>180</b>
Facility Id: 71002095				
Status: Certified O&M - Land Use Restrictions Only				
I-710 CORRIDOR DISCO	NORTHERN I-710 CORRI	SE 1/2 - 1 (0.779 mi.)	43	191
Facility Id: 60002108				
Status: Active				
<b>GENERAL INSPECTION L</b>	<b>8427 ATLANTIC AVENUE</b>	<b>SE 1/2 - 1 (0.820 mi.)</b>	<b>44</b>	<b>192</b>
Facility Id: 71002336				
Status: Active				
<b>AZALEA JOINT VENTURE</b>	<b>4635 EAST FIRESTONE</b>	<b>SSE 1/2 - 1 (0.828 mi.)</b>	<b>48</b>	<b>198</b>
Facility Id: 19320200				
Status: Certified				
<b>GREENS CLEANERS</b>	<b>4600 FIRESTONE BLVD</b>	<b>SSE 1/2 - 1 (0.892 mi.)</b>	<b>50</b>	<b>210</b>
Facility Id: 60002279				
Status: Active				
<b>M STEPHENS MANUFACTU</b>	<b>4839 PATATA STREET</b>	<b>SE 1/2 - 1 (0.925 mi.)</b>	<b>51</b>	<b>238</b>
Facility Id: 60001790				
Status: Refer: EPA				
<b>SOUTH REGION ES #4 S</b>	<b>8929 KAUFFMAN AVENUE</b>	<b>SSE 1/2 - 1 (0.931 mi.)</b>	<b>54</b>	<b>250</b>
Facility Id: 60000123				
Status: Certified / Operation & Maintenance				
<b>PARK AVENUE PRIMARY</b>	<b>7326 SOUTH WILCOX AV</b>	<b>E 1/2 - 1 (0.970 mi.)</b>	<b>58</b>	<b>283</b>
Facility Id: 19590014				
Status: No Further Action				
<b>CONSOLIDATED PRECISI</b>	<b>8333 WILCOX AVENUE</b>	<b>ESE 1/2 - 1 (0.992 mi.)</b>	<b>59</b>	<b>285</b>
Facility Id: 60002010				
Status: No Action Required				

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

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

A review of the SWF/LF list, as provided by EDR, has revealed that there is 1 SWF/LF 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>
<b>WASTE MANAGEMENT SOU</b>	<b>4489 ARDINE STREET</b>	<b>SSE 1/4 - 1/2 (0.418 mi.)</b>	<b>22</b>	<b>69</b>
Database: SWF/LF (SWIS), Date of Government Version: 08/08/2018				
Database: LOS ANGELES CO. LF, Date of Government Version: 07/16/2018				
Facility ID: 19-AA-0856				
Site ID: 207				
Status: Active				
Operational Status: Active				
Regulation Status: Permitted				

## EXECUTIVE SUMMARY

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

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

A review of the LUST list, as provided by EDR, has revealed that there are 12 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>JC ARCO</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Facility Id: R-23039 Status: Remediation Plan Global Id: T0603705379 Global ID: T0603705379	<b>4200 FLORENCE AVE E</b>	<b>NNE 1/4 - 1/2 (0.379 mi.)</b>	<b>G18</b>	<b>54</b>
VICTOR HOLLWEG Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Global Id: T0603785394	7116 OTIS AVE	NNE 1/4 - 1/2 (0.419 mi.)	G23	71
OKEH CATERERS Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Facility Id: R-03600 Status: Leak being confirmed Global Id: T0603717337 Global ID: T0603717337	7301 ATLANTIC AVE.	NE 1/4 - 1/2 (0.445 mi.)	24	72
<b>THRIFTY #009</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Facility Id: I-10924 Status: Remedial action (cleanup) Underway Global Id: T0603703680 Global ID: T0603703680	<b>3831 FLORENCE AVE E</b>	<b>NNW 1/4 - 1/2 (0.448 mi.)</b>	<b>25</b>	<b>80</b>
<b>TOWNS AUTOTRONICS</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Facility Id: R-14365 Status: Case Closed Global Id: T0603705227 Global ID: T0603705227	<b>7852 CALIFORNIA</b>	<b>W 1/4 - 1/2 (0.479 mi.)</b>	<b>28</b>	<b>104</b>
<b>TUNE UP MASTERS SHOP</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Facility Id: I-15453 Status: Case Closed Global Id: T0603704307	<b>4404 FLORENCE AVE E</b>	<b>NE 1/4 - 1/2 (0.480 mi.)</b>	<b>I29</b>	<b>107</b>

## EXECUTIVE SUMMARY

Global ID: T0603704307

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CITY OF CUDAHY MAINT</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: I-12941 Status: Case Closed Global ID: T0603704016	<b>7810 OTIS AVE</b>	<b>SE 0 - 1/8 (0.035 mi.)</b>	<b>B6</b>	<b>18</b>
<b>CITY OF CUDAHY MAINT</b> Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Global Id: T0603704016	<b>7810 OTIS AVE</b>	<b>SE 0 - 1/8 (0.035 mi.)</b>	<b>B7</b>	<b>19</b>
<b>RCH PAPER BOX COMPAN</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Facility Id: I-15265 Status: Case Closed Global Id: T0603704282 Global ID: T0603704282	<b>7962 SALT LAKE AVE</b>	<b>SSE 0 - 1/8 (0.088 mi.)</b>	<b>C8</b>	<b>20</b>
<b>W.R. GRACE &amp; COMPANY</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Facility Id: I-14966 Status: Case Closed Global ID: T0603704237	<b>4244 SANTA ANA ST</b>	<b>SSE 1/4 - 1/2 (0.276 mi.)</b>	<b>E15</b>	<b>46</b>
<b>SOUTH GATE CORPORATE</b> Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Global Id: T10000002638 Global Id: T0603757913 Global Id: T0603704237	<b>4244 SANTA ANA ST.</b>	<b>SSE 1/4 - 1/2 (0.276 mi.)</b>	<b>E16</b>	<b>48</b>
<b>HEGER REALTY CORPORA</b> Database: LUST REG 4, Date of Government Version: 09/07/2004 Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Facility Id: I-13523 Status: Case Closed Global Id: T0603704074 Global ID: T0603704074	<b>4231 LIBERTY</b>	<b>S 1/4 - 1/2 (0.359 mi.)</b>	<b>F17</b>	<b>52</b>

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

A review of the CPS-SLIC list, as provided by EDR, has revealed that there are 5 CPS-SLIC sites 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>
<b>PETROCHEM MATERIALS</b> Database: CPS-SLIC, Date of Government Version: 06/11/2018	<b>4242 SANTA ANA STREE</b>	<b>SSE 1/8 - 1/4 (0.227 mi.)</b>	<b>D13</b>	<b>35</b>



## EXECUTIVE SUMMARY

Facility Status: Completed - Case Closed				
Global Id: T10000000314				
<b>SOUTH GATE CORPORATE</b>	<b>4244 SANTA ANA ST.</b>	<b>SSE 1/4 - 1/2 (0.276 mi.)</b>	<b>E16</b>	<b>48</b>
Database: SLIC REG 4, Date of Government Version: 11/17/2004				
Database: CPS-SLIC, Date of Government Version: 06/11/2018				
Facility Status: Completed - Case Closed				
Facility Status: No further action required				
Global Id: SLT4308684				
<b>CHEM-NICKEL CO INC</b>	<b>8414 OTIS ST</b>	<b>S 1/4 - 1/2 (0.393 mi.)</b>	<b>F19</b>	<b>63</b>
Database: SLIC REG 4, Date of Government Version: 11/17/2004				
Facility Status: Site Assessment				
<b>PQ CORPORATION</b>	<b>8401 QUARTZ AVE</b>	<b>SSE 1/4 - 1/2 (0.472 mi.)</b>	<b>H27</b>	<b>95</b>
Database: SLIC REG 4, Date of Government Version: 11/17/2004				
Database: CPS-SLIC, Date of Government Version: 06/11/2018				
Facility Status: Completed - Case Closed				
Facility Status: Inactive				
Global Id: SLT4L3341804				
<b>CHEM-NICKEL CO (FORM</b>	<b>8400, 8408, AND 8414</b>	<b>S 1/4 - 1/2 (0.488 mi.)</b>	<b>31</b>	<b>111</b>
Database: CPS-SLIC, Date of Government Version: 06/11/2018				
Facility Status: Open - Remediation				
Global Id: SL184831466				

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

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there is 1 UST site within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COVERT IRON WORKS	7821 OTIS AVE	0 - 1/8 (0.000 mi.)	A2	9
Database: UST, Date of Government Version: 09/10/2018				
Facility Id: 9793				

### **ADDITIONAL ENVIRONMENTAL RECORDS**

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

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 06/11/2018 has revealed that there is 1 SWRCY 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>
AAA RECYCLING METAL	7962 SALT LAKE AVE	SSE 0 - 1/8 (0.119 mi.)	C10	23

## EXECUTIVE SUMMARY

Cert Id: RC154604.001

### Other Ascertainable Records

FUDS: 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.

A review of the FUDS list, as provided by EDR, and dated 01/31/2015 has revealed that there is 1 FUDS 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>
U.S.A.R. HUNTINGTON Federal Facility ID:: CA9799F5644 INST ID:: 61209		NW 1/2 - 1 (0.823 mi.)	L47	197

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 02/21/2018 has revealed that there is 1 FINDS site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COVERT IRON WORKS Registry ID:: 110065574836	7821 S OTIS AVE	0 - 1/8 (0.000 mi.)	A5	17

UXO: A listing of unexploded ordnance site locations

A review of the UXO list, as provided by EDR, and dated 09/30/2017 has revealed that there is 1 UXO 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>
US ARMY RESERVE CORP		NW 1/2 - 1 (0.823 mi.)	L46	197

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 09/02/2018 has revealed that there is 1 ECHO site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COVERT IRON WORKS	7821 S OTIS AVE	0 - 1/8 (0.000 mi.)	A5	17

## EXECUTIVE SUMMARY

Registry ID: 110065574836

HAZNET: The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000-1,000,000 annually, representing approximately 350,000-500,000 shipments. Data from non-California manifests & continuation sheets are not included at the present time. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2016 has revealed that there is 1 HAZNET site within approximately 0.001 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
COVERT IRON WORKS IN GEPAID: CAC002617431	7821 OTIS AVE	0 - 1/8 (0.000 mi.)	A3	9

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 8 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>JC ARCO</b> Reg Id: R-23039	4200 FLORENCE AVE E	NNE 1/4 - 1/2 (0.379 mi.)	G18	54
<b>THRIFTY #009</b> Reg Id: I-10924	3831 FLORENCE AVE E	NNW 1/4 - 1/2 (0.448 mi.)	25	80
<b>TOWNS AUTOTRONICS</b> Reg Id: R-14365	7852 CALIFORNIA	W 1/4 - 1/2 (0.479 mi.)	28	104
<b>TUNE UP MASTERS SHOP</b> Reg Id: I-15453	4404 FLORENCE AVE E	NE 1/4 - 1/2 (0.480 mi.)	I29	107
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>CITY OF CUDAHY MAINT</b> Reg Id: I-12941	7810 OTIS AVE	SE 0 - 1/8 (0.035 mi.)	B7	19
<b>RCH PAPER BOX COMPAN</b> Reg Id: I-15265	7962 SALT LAKE AVE	SSE 0 - 1/8 (0.088 mi.)	C8	20
<b>SOUTH GATE CORPORATE</b> Reg Id: I-14966	4244 SANTA ANA ST.	SSE 1/4 - 1/2 (0.276 mi.)	E16	48
<b>HEGER REALTY CORPORA</b> Reg Id: I-13523	4231 LIBERTY	S 1/4 - 1/2 (0.359 mi.)	F17	52

## EXECUTIVE SUMMARY

Los Angeles County Industrial Waste and Underground Storage Tank Sites.

A review of the LOS ANGELES CO. HMS list, as provided by EDR, and dated 07/02/2018 has revealed that there is 1 LOS ANGELES CO. HMS site within approximately 0.001 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>COVERT IRON WORKS</b> Facility ID: 009944-009793 Facility ID: 009944-028427	<b>7821 S OTIS AVE</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>A4</b>	<b>10</b>

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

A review of the HWP list, as provided by EDR, and dated 08/20/2018 has revealed that there is 1 HWP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b>VAPEX</b> EPA Id: CAD008385791 Cleanup Status: PROTECTIVE FILER	<b>8600 RHEEM AVE</b>	<b>S 1/2 - 1 (0.600 mi.)</b>	<b>K36</b>	<b>154</b>

NPDES: A listing of NPDES permits, including stormwater.

A review of the NPDES list, as provided by EDR, and dated 08/09/2018 has revealed that there is 1 NPDES site within approximately 0.001 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>COVERT IRON WORKS</b> Facility Status: Active	<b>7821 S OTIS AVE</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>A4</b>	<b>10</b>

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

A review of the CIWQS list, as provided by EDR, and dated 09/04/2018 has revealed that there is 1 CIWQS site within approximately 0.001 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>COVERT IRON WORKS</b>	<b>7821 S OTIS AVE</b>	<b>0 - 1/8 (0.000 mi.)</b>	<b>A4</b>	<b>10</b>

### EDR HIGH RISK HISTORICAL RECORDS

#### **EDR Exclusive Records**

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected



## EXECUTIVE SUMMARY

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>
CENTURY ARCO	8001 OTIS AVE	S 0 - 1/8 (0.115 mi.)	9	22

## EXECUTIVE SUMMARY

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

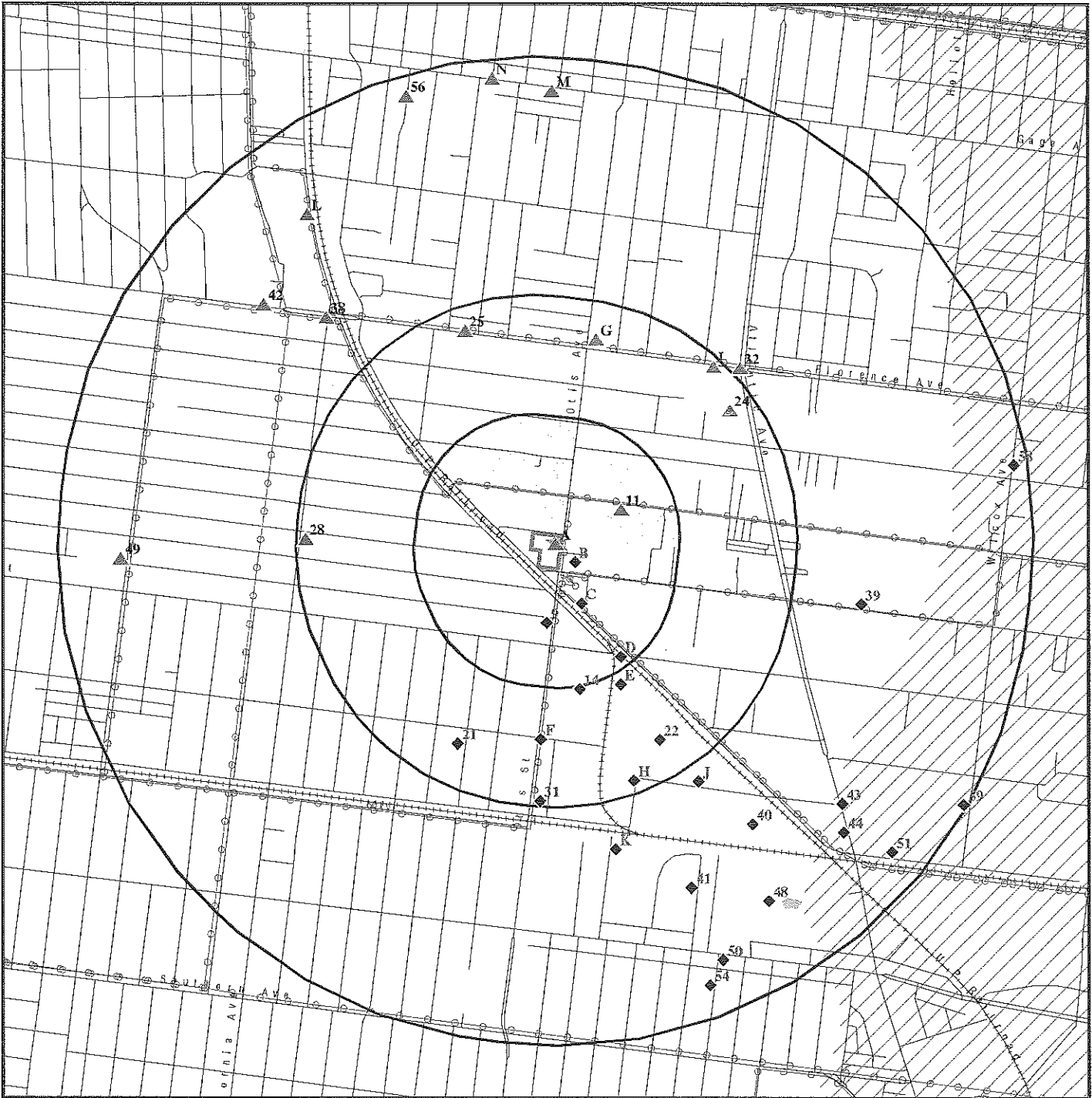
Site Name

Database(s)

MARRS FABULOUS CLEANERS

CPS-SLIC

# OVERVIEW MAP - 5444809.2S



**N** 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

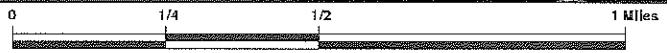
500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

Areas of Concern

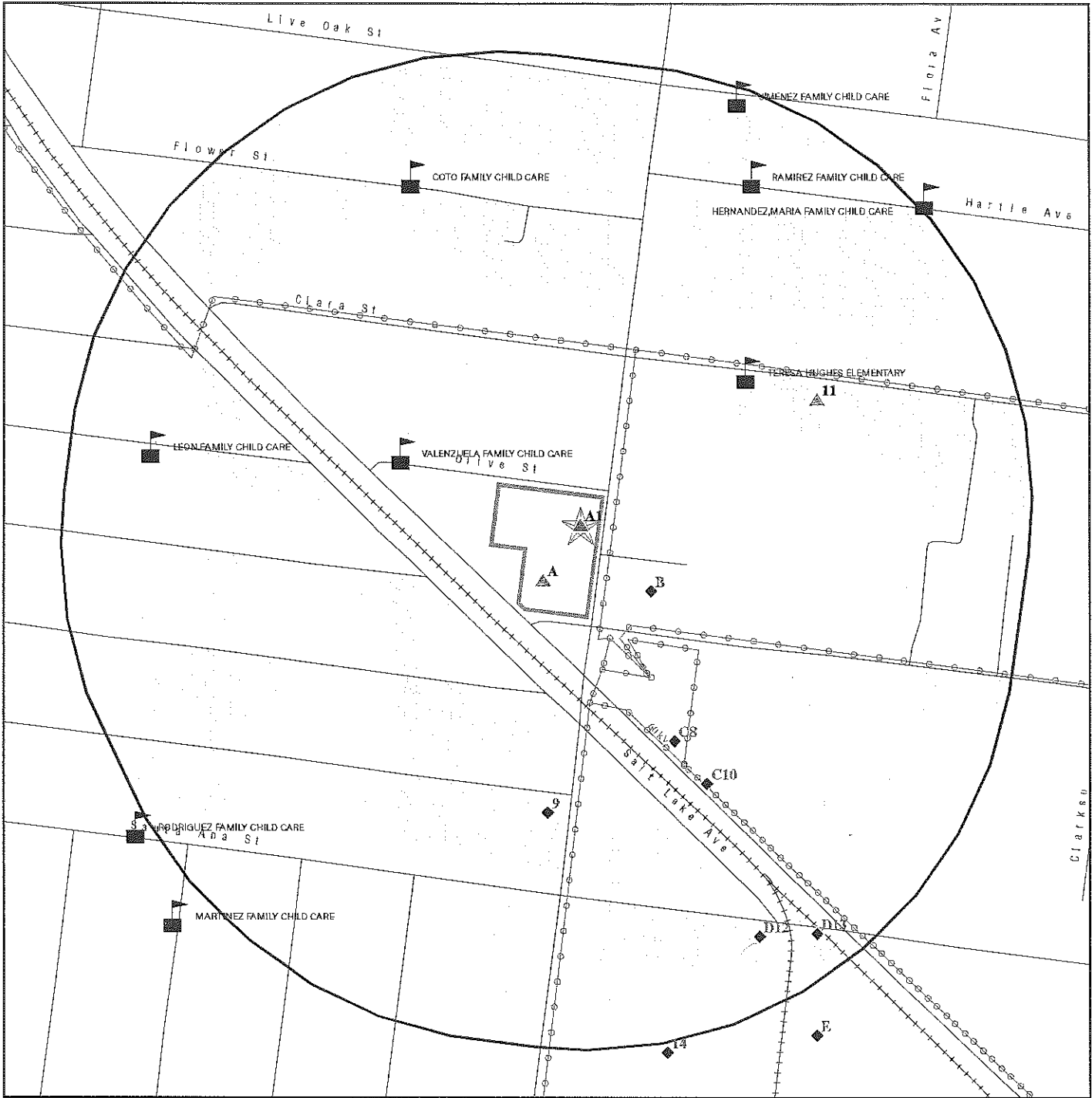


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 7801 Otis Avenue  
 ADDRESS: 7801 Otis Avenue  
 Huntington Park CA 90255  
 LAT/LONG: 33.964965 / 118.194977

CLIENT: ENCON Technologies Inc.  
 CONTACT: Elizabeth Bartley  
 INQUIRY #: 5444809.2s  
 DATE: October 05, 2018 9:52 am

# DETAIL MAP - 5444809.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

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: 7801 Otis Avenue  
 ADDRESS: 7801 Otis Avenue  
 Huntington Park CA 90255  
 LAT/LONG: 33.964965 / 118.194977

CLIENT: ENCON Technologies Inc.  
 CONTACT: Elizabeth Bartley  
 INQUIRY #: 5444809.2s  
 DATE: October 05, 2018 9:55 am

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	0.001		0	NR	NR	NR	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	0	NR	0
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	2	NR	NR	NR	2
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	0.001		0	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
RESPONSE	1.000		0	0	0	2	NR	2
<i>State- and tribal - equivalent CERCLIS</i>								
ENVIROSTOR	1.000		0	0	5	25	NR	30
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
SWF/LF	0.500		0	0	1	NR	NR	1
<i>State and tribal leaking storage tank lists</i>								
LUST	0.500		3	0	9	NR	NR	12



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	1	4	NR	NR	5
<b>State and tribal registered storage tank lists</b>								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		1	0	NR	NR	NR	1
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
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>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500	1	1	0	0	NR	NR	2
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
AOCONCERN	1.000		0	0	0	0	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		0	0	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		0	0	NR	NR	NR	0
<b>Local Lists of Registered Storage Tanks</b>								
SWEEPS UST	0.250		0	0	NR	NR	NR	0
HIST UST	0.250		0	0	NR	NR	NR	0
CA FID UST	0.250		0	0	NR	NR	NR	0
CERS TANKS	0.250		0	0	NR	NR	NR	0
<b>Local Land Records</b>								
LIENS	0.001		0	NR	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	1	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		0	NR	NR	NR	NR	0
FINDS	0.001		1	NR	NR	NR	NR	1
UXO	1.000		0	0	0	1	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		1	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
Cortese	0.500		0	0	0	NR	NR	0
CUPA Listings	0.250		0	0	NR	NR	NR	0

## 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
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001		1	NR	NR	NR	NR	1
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		2	0	6	NR	NR	8
LOS ANGELES CO. HMS	0.001		1	NR	NR	NR	NR	1
HWP	1.000		0	0	0	1	NR	1
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.001		0	NR	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		1	NR	NR	NR	NR	1
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
LA Co. Site Mitigation	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
CIWQS	0.001		1	NR	NR	NR	NR	1
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
CERS	0.001		0	NR	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### *EDR Exclusive Records*

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		1	NR	NR	NR	NR	1
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### *Exclusive Recovered Govt. Archives*

RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0

- Totals --		1	14	3	26	30	0	74
-------------	--	---	----	---	----	----	---	----

## 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>
-----------------	--	----------------------------	-----------------	------------------	------------------	----------------	---------------	--------------------------

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**A1** PENNY RECYCLING CENTER #17  
**Target** 7801 OTIS AVE  
**Property** CUDAHY, CA 90201

**SWRCY** S109521545  
N/A

Site 1 of 5 in cluster A

**Actual:**  
130 ft.

**SWRCY:**  
Reg Id: 138583  
Cert Id: RC138583.001  
Mailing Address: 1436 W Glenoaks Blvd Ste 125  
Mailing City: Glendale  
Mailing State: CA  
Mailing Zip Code: 91201  
Website: Not reported  
Email: hamletbet@yahoo.com  
Phone Number: (818) 288-1393  
Grand Father: N  
Rural: N  
Operation Begin Date: 03/01/2011  
Aluminium: Y  
Glass: Y  
Plastic: Y  
Bimetal: Y  
Agency: N/A  
Monday Hours Of Operation: 8:00 am - 5:00 pm  
Tuesday Hours Of Operation: 8:00 am - 5:00 pm  
Wednesday Hours Of Operation: 8:00 am - 5:00 pm  
Thursday Hours Of Operation: 8:00 am - 5:00 pm  
Friday Hours Of Operation: 8:00 am - 5:00 pm  
Saturday Hours Of Operation: 8:00 am - 5:00 pm  
Sunday Hours Of Operation: CLOSED  
Organization ID: 19344  
Organization Name: Penny Recycling Center

**A2** COVERT IRON WORKS  
**< 1/8** 7821 OTIS AVE  
**1 ft.** BELL, CA 90201

**UST** U004050943  
N/A

Site 2 of 5 in cluster A

**Relative:**  
**Higher**

**Actual:**  
131 ft.

**UST:**  
Facility ID: 9793  
Permitting Agency: LOS ANGELES COUNTY  
Latitude: 33.965852  
Longitude: -118.19401

**A3** COVERT IRON WORKS INC  
**< 1/8** 7821 OTIS AVE  
**1 ft.** CUDAHY, CA 90201

**HAZNET** S112961921  
N/A

Site 3 of 5 in cluster A

**Relative:**  
**Higher**

**Actual:**  
131 ft.

**HAZNET:**  
envid: S112961921  
Year: 2007  
GEPaid: CAC002617431  
Contact: ROY COVERT/PRES  
Telephone: 3235602792



Map ID  
 Direction  
 Distance  
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
 EPA ID Number

**COVERT IRON WORKS INC (Continued)**

**S112961921**

Mailing Name: Not reported  
 Mailing Address: 7821 S OTIS AVE  
 Mailing City,St,Zip: HUNTINGTON PARK, CA 90255  
 Gen County: Not reported  
 TSD EPA ID: CAD028409019  
 TSD County: Not reported  
 Waste Category: Tank bottom waste  
 Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)  
 Tons: 6.31  
 Cat Decode: Not reported  
 Method Decode: Not reported  
 Facility County: Los Angeles

A4  
 < 1/8  
 1 ft.

**COVERT IRON WORKS**  
**7821 S OTIS AVE**  
**CUDAHY, CA 90201**

**LOS ANGELES CO. HMS**    **1000590039**  
**NPDES**    **N/A**  
**CIWQS**

**Site 4 of 5 in cluster A**

Relative:  
 Higher  
 Actual:  
 131 ft.

LOS ANGELES CO. HMS:  
 Region: LA  
 Permit Category: T  
 Facility Id: 009944-009793  
 Facility Type: 0  
 Facility Status: Closed  
 Area: 2Y  
 Permit Number: 00001095T  
 Permit Status: Closed

Region: LA  
 Permit Category: S  
 Facility Id: 009944-028427  
 Facility Type: S6  
 Facility Status: Closed  
 Area: 2Y  
 Permit Number: CGI010372  
 Permit Status: Closed

NPDES:  
 Facility Status: Active  
 NPDES Number: CAS000001  
 Region: 4  
 Agency Number: 0  
 Regulatory Measure ID: 189961  
 Place ID: Not reported  
 Order Number: 97-03-DWQ  
 WDID: 4 191010372  
 Regulatory Measure Type: Enrollee  
 Program Type: Industrial  
 Adoption Date Of Regulatory Measure: Not reported  
 Effective Date Of Regulatory Measure: 08/02/1993  
 Termination Date Of Regulatory Measure: Not reported  
 Expiration Date Of Regulatory Measure: Not reported  
 Discharge Address: 7821 S Otis Ave  
 Discharge Name: Covert Iron Works  
 Discharge City: Cudahy

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

COVERT IRON WORKS (Continued)

1000590039

Discharge State: California  
Discharge Zip: 90201  
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: 189961  
Order Number: Not reported  
Regulatory Measure Type: Industrial  
Place ID: Not reported  
WDID: 4 19I010372  
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: 08/02/1993  
Status: Active  
Status Date: 10/20/2015  
Place Size: 3  
Place Size Unit: Acres  
Contact: ROY Covert  
Contact Title: Not reported  
Contact Phone: 323-560-2792  
Contact Phone Ext: Not reported  
Contact Email: ROY@COVERTIRONWORKS.COM  
Operator Name: Covert Iron Works  
Operator Address: 7821 S Otis Ave  
Operator City: Cudahy  
Operator State: California  
Operator Zip: 90201  
Operator Contact: Roy Covert  
Operator Contact Title: Not reported  
Operator Contact Phone: 323-560-2792  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

COVERT IRON WORKS (Continued)

1000590039

Developer Contact Title: Not reported  
Constype Linear Utility Ind: Not reported  
Emergency Phone: 323-560-2792  
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: L.A. River  
Certifier: ROY COVERT  
Certifier Title: PRES  
Certification Date: 26-JUN-15  
Primary Sic: 3321-Gray and Ductile Iron Foundries  
Secondary Sic: Not reported  
Tertiary Sic: Not reported  
  
NPDES Number: CAS000001  
Status: Active  
Agency Number: 0  
Region: 4  
Regulatory Measure ID: 189961  
Order Number: 97-03-DWQ  
Regulatory Measure Type: Enrollee  
Place ID: Not reported  
WDID: 4 191010372  
Program Type: Industrial  
Adoption Date Of Regulatory Measure: Not reported  
Effective Date Of Regulatory Measure: 08/02/1993  
Expiration Date Of Regulatory Measure: Not reported  
Termination Date Of Regulatory Measure: Not reported  
Discharge Name: Covert Iron Works  
Discharge Address: 7821 S Otis Ave  
Discharge City: Cudahy  
Discharge State: California  
Discharge Zip: 90201  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COVERT IRON WORKS (Continued)

1000590039

Contact Phone Ext:	Not reported
Contact Email:	Not reported
Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commercial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
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 19I010372

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COVERT IRON WORKS (Continued)**

1000590039

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: 10/20/2015  
Operator Name: Covert Iron Works  
Operator Address: 7821 S Otis Ave  
Operator City: Cudahy  
Operator State: California  
Operator Zip: 90201

NPDES as of 03/2018:

NPDES Number: Not reported  
Status: Not reported  
Agency Number: Not reported  
Region: 4  
Regulatory Measure ID: 189961  
Order Number: Not reported  
Regulatory Measure Type: Industrial  
Place ID: Not reported  
WDID: 4 191010372  
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: 08/02/1993  
Status: Active  
Status Date: 10/20/2015  
Place Size: 3  
Place Size Unit: Acres  
Contact: ROY Covert  
Contact Title: Not reported  
Contact Phone: 323-560-2792  
Contact Phone Ext: Not reported  
Contact Email: ROY@COVERTIRONWORKS.COM  
Operator Name: Covert Iron Works  
Operator Address: 7821 S Otis Ave  
Operator City: Cudahy  
Operator State: California  
Operator Zip: 90201  
Operator Contact: Roy Covert  
Operator Contact Title: Not reported  
Operator Contact Phone: 323-560-2792



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**COVERT IRON WORKS (Continued)**

1000590039

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:	323-560-2792
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:	L.A. River
Certifier:	ROY COVERT
Certifier Title:	PRES
Certification Date:	26-JUN-15
Primary Sic:	3321-Gray and Ductile Iron Foundries
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	4
Regulatory Measure ID:	189961
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	4 191010372
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	08/02/1993
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Covert Iron Works
Discharge Address:	7821 S Otis Ave
Discharge City:	Cudahy
Discharge State:	California
Discharge Zip:	90201

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s) EDR ID Number  
EPA ID Number

COVERT IRON WORKS (Continued)

1000590039

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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

COVERT IRON WORKS (Continued)

1000590039

CIWQS:

Agency: Covert Iron Works  
Agency Address: 7821 S Otis Ave, Cudahy, CA 90201  
Place/Project Type: Industrial - Gray and Ductile Iron Foundries  
SIC/NAICS: 3321  
Region: 4  
Program: INDSTW  
Regulatory Measure Status: Active  
Regulatory Measure Type: Storm water industrial  
Order Number: 2014-0057-DWQ  
WDID: 4 19I010372  
NPDES Number: CAS000001  
Adoption Date: Not reported  
Effective Date: 08/02/1993  
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: 2  
Violations within 5 years: 3  
Latitude: 33.96485  
Longitude: -118.19478

A5

COVERT IRON WORKS  
7821 S OTIS AVE  
CUDAHY, CA 90201

FINDS 1023267817  
ECHO N/A

< 1/8  
1 ft.

Site 5 of 5 in cluster A

Relative:  
Higher

FINDS:

Actual:  
131 ft.

Registry ID: 110065574836

Environmental Interest/Information System

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.

STATE MASTER

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

ECHO:

Envid: 1023267817  
Registry ID: 110065574836  
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110065574836>

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

B6  
 SE  
 < 1/8  
 0.035 mi.  
 185 ft.

CITY OF CUDAHY MAINTENANCE YAR  
 7810 OTIS AVE  
 CUDAHY, CA 90201

LUST S102060915  
 N/A

Site 1 of 2 in cluster B

Relative:  
 Lower  
 Actual:  
 129 ft.

LUST REG 4:		
Region:	4	
Regional Board:	04	
County:	Los Angeles	
Facility Id:	I-12941	
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:	T0603704016	
W Global ID:	Not reported	
Staff:	UNK	
Local Agency:	19000	
Cross Street:	CLARA ST	
Enforcement Type:	Not reported	
Date Leak Discovered:	7/18/1996	
Date Leak First Reported:	8/14/1996	
Date Leak Record Entered:	8/21/1996	
Date Confirmation Began:	Not reported	
Date Leak Stopped:	Not reported	
Date Case Last Changed on Database:	11/20/1996	
Date the Case was Closed:	12/9/1996	
How Leak Discovered:	Tank Closure	
How Leak Stopped:	Not reported	
Cause of Leak:	UNK	
Leak Source:	UNK	
Operator:	CITY OF CUDAHY	
Water System:	Not reported	
Well Name:	Not reported	
Approx. Dist To Production Well (ft):	1291.5259291842902095345184046	
Source of Cleanup Funding:	UNK	
Preliminary Site Assessment Workplan Submitted:	Not reported	
Preliminary Site Assessment Began:	Not reported	
Pollution Characterization Began:	7/1/1996	
Remediation Plan Submitted:	Not reported	
Remedial Action Underway:	Not reported	
Post Remedial Action Monitoring Began:	Not reported	
Enforcement Action Date:	Not reported	
Historical Max MTBE Date:	Not reported	
Hist Max MTBE Conc in Groundwater:	Not reported	
Hist Max MTBE Conc in Soil:	Not reported	
Significant Interim Remedial Action Taken:	Not reported	
GW Qualifier:	Not reported	
Soil Qualifier:	Not reported	
Organization:	Not reported	
Owner Contact:	Not reported	
Responsible Party:	CITY OF CUDAHY	
RP Address:	5220 SANTA ANA ST, CUDAHY, CA 90201	
Program:	LUST	
Lat/Long:	33.9653055 / -1	
Local Agency Staff:	Not reported	

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CITY OF CUDAHY MAINTENANCE YAR (Continued)

S102060915

Beneficial Use: Not reported  
Priority: Not reported  
Cleanup Fund Id: Not reported  
Suspended: Not reported  
Assigned Name: Not reported  
Summary: 11/20/96 - GROUNDWATER SAMPLING REPORT

B7  
SE  
< 1/8  
0.035 mi.  
185 ft.

CITY OF CUDAHY MAINTENANCE YAR  
7810 OTIS AVE  
CUDAHY, CA 90201  
Site 2 of 2 in cluster B

LUST S103672116  
HIST CORTESE N/A

Relative:  
Lower  
Actual:  
129 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=T0603704016](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704016)  
Global Id: T0603704016  
Latitude: 33.964414  
Longitude: -118.194267  
Status: Completed - Case Closed  
Status Date: 12/09/1996  
Case Worker: YR  
RB Case Number: I-12941  
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: T0603704016  
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: T0603704016  
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: T0603704016  
Action Type: Other  
Date: 08/14/1996  
Action: Leak Reported  
  
Global Id: T0603704016  
Action Type: Other



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

CITY OF CUDAHY MAINTENANCE YAR (Continued)

S103672116

Date: 07/18/1996  
Action: Leak Discovery

LUST:

Global Id: T0603704016  
Status: Open - Case Begin Date  
Status Date: 07/01/1996

Global Id: T0603704016  
Status: Open - Site Assessment  
Status Date: 07/01/1996

Global Id: T0603704016  
Status: Completed - Case Closed  
Status Date: 12/09/1996

HIST CORTESE:

Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-12941

C8 RCH PAPER BOX COMPANY  
SSE 7962 SALT LAKE AVE  
< 1/8 HUNTINGTON PARK, CA 90255  
0.088 mi.  
465 ft.

LUST S100224441  
HIST CORTESE N/A

Site 1 of 2 in cluster C

Relative:  
Lower  
Actual:  
127 ft.

LUST:

Lead Agency: LOS ANGELES COUNTY  
Case Type: LUST Cleanup Site  
Geo Track: [http://geotracker.waterboards.ca.gov/profile\\_report.asp?global\\_id=T0603704282](http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603704282)  
Global Id: T0603704282  
Latitude: 33.9632535  
Longitude: -118.1940705  
Status: Completed - Case Closed  
Status Date: 05/03/1990  
Case Worker: JOA  
RB Case Number: I-15265  
Local Agency: LOS ANGELES COUNTY  
File Location: Not reported  
Local Case Number: Not reported  
Potential Media Affect: Soil  
Potential Contaminants of Concern: Gasoline  
Site History: Not reported

LUST:

Global Id: T0603704282  
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

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RCH PAPER BOX COMPANY (Continued)**

**S100224441**

Global Id: T0603704282  
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: T0603704282  
Action Type: Other  
Date: 03/22/1990  
Action: Leak Reported

Global Id: T0603704282  
Action Type: Other  
Date: 02/16/1990  
Action: Leak Stopped

Global Id: T0603704282  
Action Type: Other  
Date: 02/16/1990  
Action: Leak Discovery

**LUST:**

Global Id: T0603704282  
Status: Open - Case Begin Date  
Status Date: 02/16/1990

Global Id: T0603704282  
Status: Completed - Case Closed  
Status Date: 05/03/1990

**LUST REG 4:**

Region: 4  
Regional Board: 04  
County: Los Angeles  
Facility Id: I-15265  
Status: Case Closed  
Substance: Gasoline  
Substance Quantity: Not reported  
Local Case No: Not reported  
Case Type: Soil  
Abatement Method Used at the Site: Not reported  
Global ID: T0603704282  
W Global ID: Not reported  
Staff: UNK  
Local Agency: 19000  
Cross Street: OTIS AVE.  
Enforcement Type: Not reported  
Date Leak Discovered: 2/16/1990  
Date Leak First Reported: 3/22/1990  
Date Leak Record Entered: 4/8/1990  
Date Confirmation Began: Not reported

Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**RCH PAPER BOX COMPANY (Continued)**

**S10022441**

Date Leak Stopped: 2/16/1990  
Date Case Last Changed on Database: 5/9/1990  
Date the Case was Closed: 5/3/1990  
How Leak Discovered: Tank Closure  
How Leak Stopped: Not reported  
Cause of Leak: UNK  
Leak Source: UNK  
Operator: SHIWIMMER, HOWARD  
Water System: Not reported  
Well Name: Not reported  
Approx. Dist To Production Well (ft): 529.37996451511334324344624454  
Source of Cleanup Funding: UNK  
Preliminary Site Assessment Workplan Submitted: Not reported  
Preliminary Site Assessment Began: Not reported  
Pollution Characterization Began: Not reported  
Remediation Plan Submitted: Not reported  
Remedial Action Underway: Not reported  
Post Remedial Action Monitoring Began: Not reported  
Enforcement Action Date: Not reported  
Historical Max MTBE Date: Not reported  
Hist Max MTBE Conc in Groundwater: Not reported  
Hist Max MTBE Conc in Soil: Not reported  
Significant Interim Remedial Action Taken: Not reported  
GW Qualifier: Not reported  
Soil Qualifier: Not reported  
Organization: Not reported  
Owner Contact: Not reported  
Responsible Party: RCH PAPER BOX CO.  
RP Address: 123 FIGUEROA ST., S., LOS ANGELES, 90012  
Program: LUST  
Lat/Long: 33.9632535 / -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: OLD CASE #040990-20

**HIST CORTESE:**

Region: CORTESE  
Facility County Code: 19  
Reg By: LTNKA  
Reg Id: I-15265

9  
South  
< 1/8  
0.115 mi.  
606 ft.

**CENTURY ARCO**  
8001 OTIS AVE  
HUNTINGTON PARK, CA 90255

EDR Hist Auto 1020733273  
N/A

Relative:  
Lower

EDR Hist Auto

Actual:  
127 ft.

Year: Name:  
1991 CENTURY ARCO  
1992 CENTURY ARCO  
1993 CENTURY ARCO

Type:  
Gasoline Service Stations  
Gasoline Service Stations  
Gasoline Service Stations

MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Site

Database(s)

EDR ID Number  
EPA ID Number

**C10**      **AAA RECYCLING METAL INC**  
**SSE**      **7962 SALT LAKE AVE**  
**< 1/8**      **CUDAHY, CA 90201**  
**0.119 mi.**  
**628 ft.**      **Site 2 of 2 in cluster C**

**SWRCY**      **S111859626**  
**N/A**

**Relative:**      **SWRCY:**  
**Lower**      Reg Id:      154604  
**Actual:**      Cert Id:      RC154604.001  
**127 ft.**      Mailing Address:      2810 Rubidoux Blvd  
      Mailing City:      Jurupa Valley  
      Mailing State:      CA  
      Mailing Zip Code:      92509  
      Website:      Not reported  
      Email:      Not reported  
      Phone Number:      (909) 900-2310  
      Grand Father:      N  
      Rural:      N  
      Operation Begin Date:      05/01/2012  
      Aluminium:      Y  
      Glass:      Y  
      Plastic:      Y  
      Bimetal:      Y  
      Agency:      N/A  
      Monday Hours Of Operation:      8:00 am - 2:00 pm  
      Tuesday Hours Of Operation:      8:00 am - 4:00 pm  
      Wednesday Hours Of Operation:      8:00 am - 2:00 pm  
      Thursday Hours Of Operation:      8:00 am - 4:00 pm  
      Friday Hours Of Operation:      8:00 am - 4:00 pm  
      Saturday Hours Of Operation:      8:00 am - 4:00 pm  
      Sunday Hours Of Operation:      CLOSED  
      Organization ID:      48753  
      Organization Name:      AAA Recycling Metal Inc

**11**      **HUGHES ELEMENTARY SCHOOL**  
**ENE**      **4242 CLARA ST**  
**1/8-1/4**      **CUDAHY, CA 90201**  
**0.137 mi.**  
**725 ft.**

**RCRA-SQG**      **1006805715**  
**FINDS**      **CAR000140293**  
**ECHO**

**Relative:**      **RCRA-SQG:**  
**Higher**      Date form received by agency: 01/25/2003  
**Actual:**      Facility name:      HUGHES ELEMENTARY SCHOOL  
**130 ft.**      Facility address:      4242 CLARA ST  
                CUDAHY, CA 90201  
      EPA ID:      CAR000140293  
      Mailing address:      S SAN PEDRO ST  
                LOS ANGELES, CA 90015  
      Contact:      SOE AUNG  
      Contact address:      S SAN PEDRO ST  
                LOS ANGELES, CA 90015  
      Contact country:      US  
      Contact telephone:      213-743-5086  
      Contact email:      Not reported  
      EPA Region:      09  
      Classification:      Small Small Quantity Generator  
      Description:      Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of

Count: 1 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BELL	S104857350	MARRS FABULOUS CLEANERS	3626 FLORENCE	90201	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: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: N/A
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Quarterly

#### NPL Site Boundaries

##### Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 3  
Telephone 215-814-5418

EPA Region 4  
Telephone 404-562-8033

EPA Region 5  
Telephone 312-886-6686

EPA Region 10  
Telephone 206-553-8665

EPA Region 6  
Telephone: 214-655-6659

EPA Region 7  
Telephone: 913-551-7247

EPA Region 8  
Telephone: 303-312-6774

EPA Region 9  
Telephone: 415-947-4246

#### Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: N/A
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Quarterly

#### NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

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

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 07/17/2018  
Date Data Arrived at EDR: 08/09/2018  
Date Made Active in Reports: 09/07/2018  
Number of Days to Update: 29

Source: EPA  
Telephone: N/A  
Last EDR Contact: 10/04/2018  
Next Scheduled EDR Contact: 01/14/2019  
Data Release Frequency: Quarterly

## ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016  
Date Data Arrived at EDR: 01/05/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 92

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 07/06/2018  
Next Scheduled EDR Contact: 10/15/2018  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/17/2018  
Date Data Arrived at EDR: 08/09/2018  
Date Made Active in Reports: 09/07/2018  
Number of Days to Update: 29

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 10/04/2018  
Next Scheduled EDR Contact: 10/29/2018  
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: 07/17/2018	Source: EPA
Date Data Arrived at EDR: 08/09/2018	Telephone: 800-424-9346
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Quarterly

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

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018	Source: EPA
Date Data Arrived at EDR: 03/28/2018	Telephone: 800-424-9346
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

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

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

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

RCRA-LQG: RCRA - Large Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

### RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/28/2018	Telephone: (415) 495-8895
Date Made Active in Reports: 06/22/2018	Last EDR Contact: 09/19/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

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

#### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/14/2018	Source: Department of the Navy
Date Data Arrived at EDR: 05/18/2018	Telephone: 843-820-7326
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/16/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/26/2018
	Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

#### US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 07/31/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/28/2018	Telephone: 703-603-0695
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 17	Next Scheduled EDR Contact: 12/10/2018
	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: 06/18/2018  
Date Data Arrived at EDR: 06/27/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 09/25/2018  
Next Scheduled EDR Contact: 01/07/2019  
Data Release Frequency: Quarterly

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

RESPONSE: State Response Sites

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

Date of Government Version: 07/30/2018  
Date Data Arrived at EDR: 07/31/2018  
Date Made Active in Reports: 09/07/2018  
Number of Days to Update: 38

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 07/31/2018  
Next Scheduled EDR Contact: 11/12/2018  
Data Release Frequency: Quarterly

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

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 07/30/2018  
Date Data Arrived at EDR: 07/31/2018  
Date Made Active in Reports: 09/07/2018  
Number of Days to Update: 38

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 07/31/2018  
Next Scheduled EDR Contact: 11/12/2018  
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/08/2018  
Date Data Arrived at EDR: 08/10/2018  
Date Made Active in Reports: 08/24/2018  
Number of Days to Update: 14

Source: Department of Resources Recycling and Recovery  
Telephone: 916-341-6320  
Last EDR Contact: 08/10/2018  
Next Scheduled EDR Contact: 11/26/2018  
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, Calaveras, 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: 06/11/2018  
Date Data Arrived at EDR: 06/13/2018  
Date Made Active in Reports: 07/17/2018  
Number of Days to Update: 34

Source: State Water Resources Control Board  
Telephone: see region list  
Last EDR Contact: 09/12/2018  
Next Scheduled EDR Contact: 12/24/2018  
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: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
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: 07/27/2018  
Next Scheduled EDR Contact: 11/05/2018  
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: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003  
Date Data Arrived at EDR: 04/07/2003  
Date Made Active in Reports: 04/25/2003  
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220  
Last EDR Contact: 08/01/2011  
Next Scheduled EDR Contact: 11/14/2011  
Data Release Frequency: No Update Planned

### SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457  
Last EDR Contact: 09/19/2011  
Next Scheduled EDR Contact: 01/02/2012  
Data Release Frequency: Quarterly

### SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006  
Date Data Arrived at EDR: 05/18/2006  
Date Made Active in Reports: 06/15/2006  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 07/18/2011  
Next Scheduled EDR Contact: 10/31/2011  
Data Release Frequency: Semi-Annually

### SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004  
Date Data Arrived at EDR: 11/18/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 07/01/2011  
Next Scheduled EDR Contact: 10/17/2011  
Data Release Frequency: Varies

### SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 09/12/2011  
Next Scheduled EDR Contact: 12/26/2011  
Data Release Frequency: Semi-Annually

### SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: Semi-Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### SLIC REG 6L: SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004

Date Data Arrived at EDR: 09/07/2004

Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region

Telephone: 530-542-5574

Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011

Data Release Frequency: No Update Planned

### SLIC REG 7: SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004

Date Data Arrived at EDR: 11/29/2004

Date Made Active in Reports: 01/04/2005

Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region

Telephone: 760-346-7491

Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011

Data Release Frequency: No Update Planned

### SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008

Date Data Arrived at EDR: 04/03/2008

Date Made Active in Reports: 04/14/2008

Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)

Telephone: 951-782-3298

Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011

Data Release Frequency: Semi-Annually

### SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007

Date Data Arrived at EDR: 09/11/2007

Date Made Active in Reports: 09/28/2007

Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)

Telephone: 858-467-2980

Last EDR Contact: 08/08/2011

Next Scheduled EDR Contact: 11/21/2011

Data Release Frequency: Annually

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

#### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 05/15/2017

Date Data Arrived at EDR: 05/30/2017

Date Made Active in Reports: 10/13/2017

Number of Days to Update: 136

Source: FEMA

Telephone: 202-646-5797

Last EDR Contact: 07/11/2018

Next Scheduled EDR Contact: 10/22/2018

Data Release Frequency: Varies

#### UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/10/2018

Date Data Arrived at EDR: 09/12/2018

Date Made Active in Reports: 10/03/2018

Number of Days to Update: 21

Source: SWRCB

Telephone: 916-341-5851

Last EDR Contact: 09/12/2018

Next Scheduled EDR Contact: 12/24/2018

Data Release Frequency: Semi-Annually



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## MILITARY UST SITES: Military UST Sites (GEOTRACKER)

Military ust sites

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

## UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases

UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/10/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 09/12/2018	Telephone: 916-327-7844
Date Made Active in Reports: 10/03/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 21	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

## AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2016	Telephone: 916-327-5092
Date Made Active in Reports: 09/19/2016	Last EDR Contact: 09/17/2018
Number of Days to Update: 69	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Quarterly

## INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/12/2018	Source: EPA Region 10
Date Data Arrived at EDR: 05/18/2018	Telephone: 206-553-2857
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

## INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018	Source: EPA Region 9
Date Data Arrived at EDR: 05/18/2018	Telephone: 415-972-3368
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

## INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/25/2018	Source: EPA Region 8
Date Data Arrived at EDR: 05/18/2018	Telephone: 303-312-6137
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 07/27/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/05/2018
	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: 09/24/2018
Number of Days to Update: 142	Next Scheduled EDR Contact: 01/07/2019
	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: 07/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/31/2018	Telephone: 916-323-3400
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 07/31/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/12/2018
	Data Release Frequency: Quarterly

## INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

## *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: 06/25/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/27/2018	Telephone: 916-323-7905
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 09/25/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

## ADDITIONAL ENVIRONMENTAL RECORDS

### *Local Brownfield lists*

#### US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/18/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/20/2018	Telephone: 202-566-2777
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/18/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Semi-Annually

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

#### WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/01/2000  
Date Data Arrived at EDR: 04/10/2000  
Date Made Active in Reports: 05/10/2000  
Number of Days to Update: 30

Source: State Water Resources Control Board  
Telephone: 916-227-4448  
Last EDR Contact: 07/24/2018  
Next Scheduled EDR Contact: 11/12/2018  
Data Release Frequency: No Update Planned

### SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 06/11/2018  
Date Data Arrived at EDR: 06/13/2018  
Date Made Active in Reports: 08/06/2018  
Number of Days to Update: 54

Source: Department of Conservation  
Telephone: 916-323-3836  
Last EDR Contact: 09/12/2018  
Next Scheduled EDR Contact: 12/24/2018  
Data Release Frequency: Quarterly

### HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/29/2018  
Date Data Arrived at EDR: 05/30/2018  
Date Made Active in Reports: 07/17/2018  
Number of Days to Update: 48

Source: Integrated Waste Management Board  
Telephone: 916-341-6422  
Last EDR Contact: 08/07/2018  
Next Scheduled EDR Contact: 11/26/2018  
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: 07/30/2018  
Next Scheduled EDR Contact: 11/12/2018  
Data Release Frequency: Varies

### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009  
Date Data Arrived at EDR: 05/07/2009  
Date Made Active in Reports: 09/21/2009  
Number of Days to Update: 137

Source: EPA, Region 9  
Telephone: 415-947-4219  
Last EDR Contact: 07/17/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: No Update Planned

### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985  
Date Data Arrived at EDR: 08/09/2004  
Date Made Active in Reports: 09/17/2004  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 800-424-9346  
Last EDR Contact: 06/09/2004  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014  
Date Data Arrived at EDR: 08/06/2014  
Date Made Active in Reports: 01/29/2015  
Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service  
Telephone: 301-443-1452  
Last EDR Contact: 08/03/2018  
Next Scheduled EDR Contact: 11/12/2018  
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: 05/18/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/20/2018	Telephone: 202-307-1000
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: No Update Planned

### HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 08/03/2006	Telephone: 916-323-3400
Date Made Active in Reports: 08/24/2006	Last EDR Contact: 02/23/2009
Number of Days to Update: 21	Next Scheduled EDR Contact: 05/25/2009
	Data Release Frequency: No Update Planned

### SCH: School Property Evaluation Program

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

Date of Government Version: 07/30/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/31/2018	Telephone: 916-323-3400
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 07/31/2018
Number of Days to Update: 38	Next Scheduled EDR Contact: 11/12/2018
	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: 08/17/2018
Number of Days to Update: 55	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Varies

### TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/30/1995	Telephone: 916-227-4364
Date Made Active in Reports: 09/26/1995	Last EDR Contact: 01/26/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/27/2009
	Data Release Frequency: No Update Planned

### 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.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/18/2018	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 06/20/2018	Telephone: 202-307-1000
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 08/28/2018
Number of Days to Update: 86	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Quarterly

### 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: 07/23/2018	Source: CalEPA
Date Data Arrived at EDR: 07/25/2018	Telephone: 916-323-2514
Date Made Active in Reports: 09/05/2018	Last EDR Contact: 07/25/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Quarterly

### Local Lists of Registered Storage Tanks

#### SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

#### UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/28/2018	Source: Department of Public Health
Date Data Arrived at EDR: 05/25/2018	Telephone: 707-463-4466
Date Made Active in Reports: 07/10/2018	Last EDR Contact: 08/24/2018
Number of Days to Update: 46	Next Scheduled EDR Contact: 12/10/2018
	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/25/1991	Telephone: 916-341-5851
Date Made Active in Reports: 02/12/1991	Last EDR Contact: 07/26/2001
Number of Days to Update: 18	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

#### SAN FRANCISCO AST: Aboveground Storage Tank Site Listing

Aboveground storage tank sites

Date of Government Version: 04/19/2018	Source: San Francisco County Department of Public Health
Date Data Arrived at EDR: 04/24/2018	Telephone: 415-252-3896
Date Made Active in Reports: 05/04/2018	Last EDR Contact: 08/01/2018
Number of Days to Update: 10	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Varies

#### CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/31/1994  
Date Data Arrived at EDR: 09/05/1995  
Date Made Active in Reports: 09/29/1995  
Number of Days to Update: 24

Source: California Environmental Protection Agency  
Telephone: 916-341-5851  
Last EDR Contact: 12/28/1998  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### CERS TANKS: California Environmental Reporting System (CERS) Tanks

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

Date of Government Version: 07/23/2018  
Date Data Arrived at EDR: 07/25/2018  
Date Made Active in Reports: 09/05/2018  
Number of Days to Update: 42

Source: California Environmental Protection Agency  
Telephone: 916-323-2514  
Last EDR Contact: 07/25/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Quarterly

### Local Land Records

#### LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/29/2018  
Date Data Arrived at EDR: 08/30/2018  
Date Made Active in Reports: 10/01/2018  
Number of Days to Update: 32

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 08/29/2018  
Next Scheduled EDR Contact: 12/17/2018  
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: 05/13/2018  
Date Data Arrived at EDR: 05/30/2018  
Date Made Active in Reports: 06/29/2018  
Number of Days to Update: 30

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 10/04/2018  
Next Scheduled EDR Contact: 01/14/2019  
Data Release Frequency: Semi-Annually

#### DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 09/04/2018  
Date Data Arrived at EDR: 09/05/2018  
Date Made Active in Reports: 10/02/2018  
Number of Days to Update: 27

Source: DTSC and SWRCB  
Telephone: 916-323-3400  
Last EDR Contact: 09/05/2018  
Next Scheduled EDR Contact: 12/17/2018  
Data Release Frequency: Semi-Annually

### Records of Emergency Release Reports

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/26/2018	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 03/27/2018	Telephone: 202-366-4555
Date Made Active in Reports: 06/08/2018	Last EDR Contact: 09/25/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Quarterly

### CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018	Source: Office of Emergency Services
Date Data Arrived at EDR: 04/24/2018	Telephone: 916-845-8400
Date Made Active in Reports: 06/14/2018	Last EDR Contact: 07/27/2018
Number of Days to Update: 51	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Semi-Annually

### LDS: Land Disposal Sites Listing (GEOTRACKER)

Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018	Source: State Water Quality Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

### MCS: Military Cleanup Sites Listing (GEOTRACKER)

Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/17/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

### SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012	Source: FirstSearch
Date Data Arrived at EDR: 01/03/2013	Telephone: N/A
Date Made Active in Reports: 02/22/2013	Last EDR Contact: 01/03/2013
Number of Days to Update: 50	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

### *Other Ascertainable Records*

#### RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

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

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2018  
Date Data Arrived at EDR: 03/28/2018  
Date Made Active in Reports: 06/22/2018  
Number of Days to Update: 86

Source: Environmental Protection Agency  
Telephone: (415) 495-8895  
Last EDR Contact: 09/19/2018  
Next Scheduled EDR Contact: 01/07/2019  
Data Release Frequency: Quarterly

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015  
Date Data Arrived at EDR: 07/08/2015  
Date Made Active in Reports: 10/13/2015  
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers  
Telephone: 202-528-4285  
Last EDR Contact: 08/24/2018  
Next Scheduled EDR Contact: 12/03/2018  
Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/10/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 62

Source: USGS  
Telephone: 888-275-8747  
Last EDR Contact: 07/11/2018  
Next Scheduled EDR Contact: 10/22/2018  
Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: U.S. Geological Survey  
Telephone: 888-275-8747  
Last EDR Contact: 07/13/2018  
Next Scheduled EDR Contact: 10/22/2018  
Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017  
Date Data Arrived at EDR: 02/03/2017  
Date Made Active in Reports: 04/07/2017  
Number of Days to Update: 63

Source: Environmental Protection Agency  
Telephone: 615-532-8599  
Last EDR Contact: 08/17/2018  
Next Scheduled EDR Contact: 11/26/2018  
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: 03/01/2018  
Date Data Arrived at EDR: 03/27/2018  
Date Made Active in Reports: 06/22/2018  
Number of Days to Update: 87

Source: Environmental Protection Agency  
Telephone: 202-566-1917  
Last EDR Contact: 09/25/2018  
Next Scheduled EDR Contact: 01/07/2019  
Data Release Frequency: Quarterly

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 08/03/2018
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Quarterly

### 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 08/10/2018
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/19/2018
	Data Release Frequency: Varies

### TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 09/21/2018
Number of Days to Update: 198	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Every 4 Years

### TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 01/10/2018	Telephone: 202-566-0250
Date Made Active in Reports: 01/12/2018	Last EDR Contact: 08/24/2018
Number of Days to Update: 2	Next Scheduled EDR Contact: 12/03/2018
	Data Release Frequency: Annually

### SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/27/2018
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Annually



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ROD: Records Of Decision

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

Date of Government Version: 05/13/2018	Source: EPA
Date Data Arrived at EDR: 05/30/2018	Telephone: 703-416-0223
Date Made Active in Reports: 06/29/2018	Last EDR Contact: 10/04/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 12/17/2018
	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: 05/01/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/17/2018	Telephone: 202-564-8600
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 07/20/2018
Number of Days to Update: 113	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

### RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

### PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 10/04/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 11/19/2018
	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: 06/01/2017	Source: EPA
Date Data Arrived at EDR: 06/09/2017	Telephone: 202-566-0500
Date Made Active in Reports: 10/13/2017	Last EDR Contact: 07/13/2018
Number of Days to Update: 126	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Annually

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 07/09/2018
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/22/2018
	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: 09/28/2018
Number of Days to Update: 43	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Quarterly

### COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 09/07/2018
Number of Days to Update: 76	Next Scheduled EDR Contact: 12/17/2018
	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: 09/04/2018
Number of Days to Update: 40	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/30/2017	Telephone: 202-566-0517
Date Made Active in Reports: 12/15/2017	Last EDR Contact: 07/27/2018
Number of Days to Update: 15	Next Scheduled EDR Contact: 11/05/2018
	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: 04/03/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/05/2018	Telephone: 202-343-9775
Date Made Active in Reports: 06/29/2018	Last EDR Contact: 10/03/2018
Number of Days to Update: 85	Next Scheduled EDR Contact: 01/14/2019
	Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012	Source: Department of Transportation, Office of Pipeline Safety
Date Data Arrived at EDR: 08/07/2012	Telephone: 202-366-4595
Date Made Active in Reports: 09/18/2012	Last EDR Contact: 08/09/2018
Number of Days to Update: 42	Next Scheduled EDR Contact: 11/12/2018
	Data Release Frequency: Varies

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/31/2018  
Date Data Arrived at EDR: 04/16/2018  
Date Made Active in Reports: 06/29/2018  
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 10/01/2018  
Next Scheduled EDR Contact: 12/31/2018  
Data Release Frequency: Varies

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 09/28/2017  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 08/24/2018  
Next Scheduled EDR Contact: 12/03/2018  
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: 07/11/2018  
Next Scheduled EDR Contact: 10/22/2018  
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: 09/11/2018  
Next Scheduled EDR Contact: 11/19/2018  
Data Release Frequency: Varies

### UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017  
Date Data Arrived at EDR: 10/11/2017  
Date Made Active in Reports: 11/03/2017  
Number of Days to Update: 23

Source: Department of Energy  
Telephone: 505-845-0011  
Last EDR Contact: 08/20/2018  
Next Scheduled EDR Contact: 12/03/2018  
Data Release Frequency: Varies

### LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/13/2018  
Date Data Arrived at EDR: 05/30/2018  
Date Made Active in Reports: 06/29/2018  
Number of Days to Update: 30

Source: Environmental Protection Agency  
Telephone: 703-603-8787  
Last EDR Contact: 10/04/2018  
Next Scheduled EDR Contact: 01/14/2019  
Data Release Frequency: Varies

### LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	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	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	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	Source: EPA
Date Data Arrived at EDR: 10/26/2016	Telephone: 202-564-2496
Date Made Active in Reports: 02/03/2017	Last EDR Contact: 09/26/2017
Number of Days to Update: 100	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: 05/03/2018	Source: Department of Labor, Mine Safety and Health Administration
Date Data Arrived at EDR: 05/31/2018	Telephone: 303-231-5959
Date Made Active in Reports: 06/29/2018	Last EDR Contact: 08/29/2018
Number of Days to Update: 29	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Semi-Annually

### US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005	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: 08/31/2018
Number of Days to Update: 49	Next Scheduled EDR Contact: 12/10/2018
	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: 08/31/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/10/2018	Source: Department of Interior
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-208-2609
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/10/2018
Number of Days to Update: 3	Next Scheduled EDR Contact: 12/24/2018
	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: 02/21/2018	Source: EPA
Date Data Arrived at EDR: 02/23/2018	Telephone: (415) 947-8000
Date Made Active in Reports: 03/23/2018	Last EDR Contact: 09/18/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Quarterly

### DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/19/2018	Telephone: 202-564-0527
Date Made Active in Reports: 04/13/2018	Last EDR Contact: 08/31/2018
Number of Days to Update: 84	Next Scheduled EDR Contact: 12/10/2018
	Data Release Frequency: Varies

### ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/02/2018	Source: Environmental Protection Agency
Date Data Arrived at EDR: 09/05/2018	Telephone: 202-564-2280
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/05/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Quarterly

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2017	Source: Department of Defense
Date Data Arrived at EDR: 06/19/2018	Telephone: 703-704-1564
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 07/13/2018
Number of Days to Update: 87	Next Scheduled EDR Contact: 10/29/2018
	Data Release Frequency: Varies

### FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 05/21/2018  
Date Data Arrived at EDR: 05/23/2018  
Date Made Active in Reports: 09/07/2018  
Number of Days to Update: 107

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 08/22/2018  
Next Scheduled EDR Contact: 12/03/2018  
Data Release Frequency: Quarterly

### CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6

Source: Department of Health Services  
Telephone: 916-255-2118  
Last EDR Contact: 05/31/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 06/25/2018  
Date Data Arrived at EDR: 06/27/2018  
Date Made Active in Reports: 08/06/2018  
Number of Days to Update: 40

Source: CAL EPA/Office of Emergency Information  
Telephone: 916-323-3400  
Last EDR Contact: 09/25/2018  
Next Scheduled EDR Contact: 01/07/2019  
Data Release Frequency: Quarterly

### CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 09/11/2018  
Date Data Arrived at EDR: 09/12/2018  
Date Made Active in Reports: 09/19/2018  
Number of Days to Update: 7

Source: San Francisco County Department of Environmental Health  
Telephone: 415-252-3896  
Last EDR Contact: 08/01/2018  
Next Scheduled EDR Contact: 11/19/2018  
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: 04/03/2018  
Date Data Arrived at EDR: 05/07/2018  
Date Made Active in Reports: 06/15/2018  
Number of Days to Update: 39

Source: Livermore-Pleasanton Fire Department  
Telephone: 925-454-2361  
Last EDR Contact: 08/24/2018  
Next Scheduled EDR Contact: 11/26/2018  
Data Release Frequency: Varies

### DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 06/25/2018  
Date Data Arrived at EDR: 06/28/2018  
Date Made Active in Reports: 08/06/2018  
Number of Days to Update: 39

Source: Antelope Valley Air Quality Management District  
Telephone: 661-723-8070  
Last EDR Contact: 10/01/2018  
Next Scheduled EDR Contact: 12/17/2018  
Data Release Frequency: Varies

### DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 08/24/2018  
Date Data Arrived at EDR: 08/30/2018  
Date Made Active in Reports: 10/01/2018  
Number of Days to Update: 32

Source: South Coast Air Quality Management District  
Telephone: 909-396-3211  
Last EDR Contact: 08/22/2018  
Next Scheduled EDR Contact: 12/10/2018  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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 laundrers; laundry and garment services.

Date of Government Version: 05/31/2018	Source: Department of Toxic Substance Control
Date Data Arrived at EDR: 06/20/2018	Telephone: 916-327-4498
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 08/29/2018
Number of Days to Update: 47	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Annually

## EMI: Emissions Inventory Data

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

Date of Government Version: 12/31/2017	Source: California Air Resources Board
Date Data Arrived at EDR: 06/20/2018	Telephone: 916-322-2990
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 09/21/2018
Number of Days to Update: 47	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: Varies

## ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/01/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/02/2018	Telephone: 916-445-9379
Date Made Active in Reports: 09/07/2018	Last EDR Contact: 08/01/2018
Number of Days to Update: 36	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

## Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 07/17/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/24/2018	Telephone: 916-255-3628
Date Made Active in Reports: 09/10/2018	Last EDR Contact: 07/17/2018
Number of Days to Update: 48	Next Scheduled EDR Contact: 11/05/2018
	Data Release Frequency: Varies

## Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 08/14/2018	Source: California Integrated Waste Management Board
Date Data Arrived at EDR: 08/16/2018	Telephone: 916-341-6066
Date Made Active in Reports: 09/10/2018	Last EDR Contact: 08/07/2018
Number of Days to Update: 25	Next Scheduled EDR Contact: 11/26/2018
	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: 12/31/2016	Source: California Environmental Protection Agency
Date Data Arrived at EDR: 07/12/2017	Telephone: 916-255-1136
Date Made Active in Reports: 10/17/2017	Last EDR Contact: 07/13/2018
Number of Days to Update: 97	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/20/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/21/2018	Telephone: 877-786-9427
Date Made Active in Reports: 09/10/2018	Last EDR Contact: 08/21/2018
Number of Days to Update: 20	Next Scheduled EDR Contact: 12/03/2018
	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 [CALSTATES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/22/2009	Telephone: 916-323-3400
Date Made Active in Reports: 04/08/2009	Last EDR Contact: 01/22/2009
Number of Days to Update: 76	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 08/20/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 08/21/2018	Telephone: 916-323-3400
Date Made Active in Reports: 09/10/2018	Last EDR Contact: 08/21/2018
Number of Days to Update: 20	Next Scheduled EDR Contact: 12/03/2018
	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: 07/09/2018	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 07/11/2018	Telephone: 916-440-7145
Date Made Active in Reports: 08/24/2018	Last EDR Contact: 07/11/2018
Number of Days to Update: 44	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Quarterly

## MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 06/11/2018	Source: Department of Conservation
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-322-1080
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 54	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

## MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/28/2018	Source: Department of Public Health
Date Data Arrived at EDR: 09/05/2018	Telephone: 916-558-1784
Date Made Active in Reports: 10/03/2018	Last EDR Contact: 09/05/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Varies

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 08/09/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 08/10/2018	Telephone: 916-445-9379
Date Made Active in Reports: 09/10/2018	Last EDR Contact: 08/10/2018
Number of Days to Update: 31	Next Scheduled EDR Contact: 11/26/2018
	Data Release Frequency: Quarterly

### PEST LIC: Pesticide Regulation Licenses Listing

A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 09/04/2018	Source: Department of Pesticide Regulation
Date Data Arrived at EDR: 09/05/2018	Telephone: 916-445-4038
Date Made Active in Reports: 10/03/2018	Last EDR Contact: 09/05/2018
Number of Days to Update: 28	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Quarterly

### PROC: Certified Processors Database

A listing of certified processors.

Date of Government Version: 06/11/2018	Source: Department of Conservation
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-323-3836
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 54	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

### NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 06/18/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/20/2018	Telephone: 916-445-3846
Date Made Active in Reports: 08/06/2018	Last EDR Contact: 09/17/2018
Number of Days to Update: 47	Next Scheduled EDR Contact: 12/31/2018
	Data Release Frequency: No Update Planned

### UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018	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: 09/13/2018
Number of Days to Update: 34	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

### WASTEWATER PITS: Oil Wastewater Pits Listing

Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

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: 07/11/2018
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## 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: 08/17/2018
Number of Days to Update: 9	Next Scheduled EDR Contact: 12/03/2018
	Data Release Frequency: Quarterly

## WIP: Well Investigation Program Case List

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

Date of Government Version: 07/03/2009	Source: Los Angeles Water Quality Control Board
Date Data Arrived at EDR: 07/21/2009	Telephone: 213-576-6726
Date Made Active in Reports: 08/03/2009	Last EDR Contact: 09/25/2018
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/07/2019
	Data Release Frequency: Varies

## WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 916-341-5810
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 09/12/2018
Number of Days to Update: 93	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Quarterly

## WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)

Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

## PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)

Produced water ponds sites

Date of Government Version: 06/11/2018	Source: State Water Resources Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

## UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 06/11/2018	Source: State Water Resource Control Board
Date Data Arrived at EDR: 06/13/2018	Telephone: 866-480-1028
Date Made Active in Reports: 07/18/2018	Last EDR Contact: 12/12/2018
Number of Days to Update: 35	Next Scheduled EDR Contact: 12/24/2018
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 06/11/2018  
Date Data Arrived at EDR: 06/13/2018  
Date Made Active in Reports: 07/18/2018  
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: 12/24/2018  
Data Release Frequency: Varies

## PROJECT: Project Sites (GEOTRACKER)

Projects sites

Date of Government Version: 06/11/2018  
Date Data Arrived at EDR: 06/13/2018  
Date Made Active in Reports: 07/18/2018  
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: 12/24/2018  
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: 07/23/2018  
Date Data Arrived at EDR: 07/25/2018  
Date Made Active in Reports: 09/05/2018  
Number of Days to Update: 42

Source: California Environmental Protection Agency  
Telephone: 916-323-2514  
Last EDR Contact: 07/25/2018  
Next Scheduled EDR Contact: 11/05/2018  
Data Release Frequency: Varies

## MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/11/2018  
Date Data Arrived at EDR: 06/13/2018  
Date Made Active in Reports: 07/18/2018  
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: 12/24/2018  
Data Release Frequency: Varies

## OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/11/2018  
Date Data Arrived at EDR: 06/13/2018  
Date Made Active in Reports: 07/18/2018  
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: 12/24/2018  
Data Release Frequency: Varies

## NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 06/11/2018  
Date Data Arrived at EDR: 06/13/2018  
Date Made Active in Reports: 07/18/2018  
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: 12/24/2018  
Data Release Frequency: Varies

## 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.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/04/2018  
Date Data Arrived at EDR: 09/05/2018  
Date Made Active in Reports: 10/02/2018  
Number of Days to Update: 27

Source: State Water Resources Control Board  
Telephone: 866-794-4977  
Last EDR Contact: 09/05/2018  
Next Scheduled EDR Contact: 12/17/2018  
Data Release Frequency: Varies

## EDR HIGH RISK HISTORICAL RECORDS

### *EDR Exclusive Records*

#### EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

#### EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

#### EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

## EDR RECOVERED GOVERNMENT ARCHIVES

### *Exclusive Recovered Govt. Archives*

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### 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: 08/03/2018	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 08/06/2018	Telephone: 510-567-6700
Date Made Active in Reports: 09/05/2018	Last EDR Contact: 08/01/2018
Number of Days to Update: 30	Next Scheduled EDR Contact: 10/22/2018
	Data Release Frequency: Semi-Annually

#### UST ALAMEDA: Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/06/2018	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 07/10/2018	Telephone: 510-567-6700
Date Made Active in Reports: 09/11/2018	Last EDR Contact: 07/05/2018
Number of Days to Update: 63	Next Scheduled EDR Contact: 04/24/2047
	Data Release Frequency: Semi-Annually

### AMADOR COUNTY:

#### CUPA AMADOR: CUPA Facility List

Cupa Facility List

Date of Government Version: 07/01/2018	Source: Amador County Environmental Health
Date Data Arrived at EDR: 07/24/2018	Telephone: 209-223-6439
Date Made Active in Reports: 08/20/2018	Last EDR Contact: 08/29/2018
Number of Days to Update: 27	Next Scheduled EDR Contact: 12/17/2018
	Data Release Frequency: Varies

### BUTTE COUNTY:

## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

7801 OTIS AVENUE  
7801 OTIS AVENUE  
HUNTINGTON PARK, CA 90255

### **TARGET PROPERTY COORDINATES**

Latitude (North):	33.964965 - 33° 57' 53.87"
Longitude (West):	118.194977 - 118° 11' 41.92"
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	389595.7
UTM Y (Meters):	3758720.2
Elevation:	130 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	5633765 SOUTH GATE, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

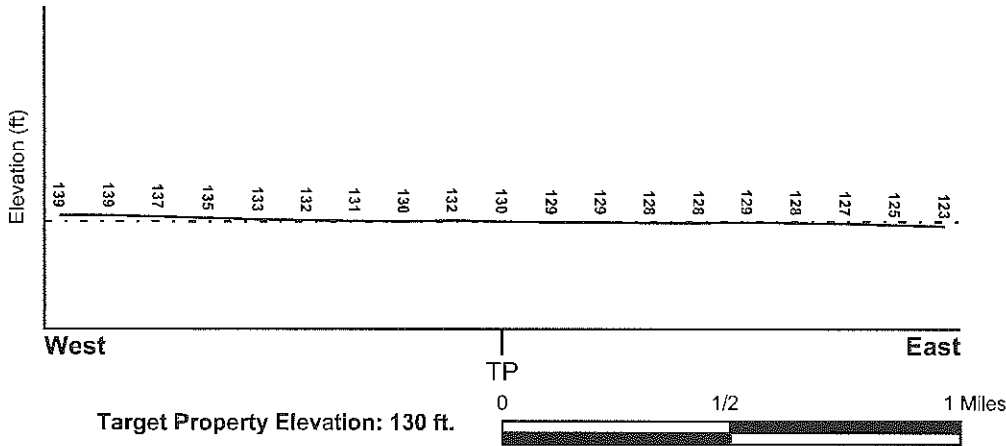
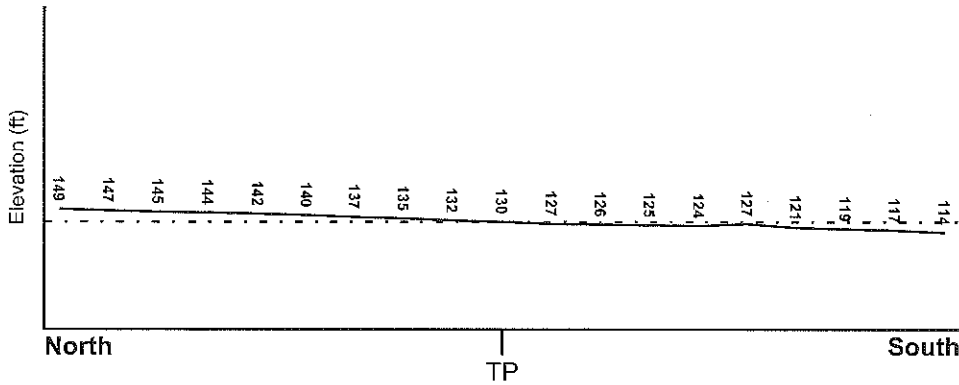
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General South

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



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>
06037C1805F	FEMA FIRM Flood data
<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
06037C1810F	FEMA FIRM Flood data

## **NATIONAL WETLAND INVENTORY**

<u>NWI Quad at Target Property</u>	NWI Electronic
SOUTH GATE	<u>Data Coverage</u>
	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### **Site-Specific Hydrogeological Data\*:**

Search Radius:	1.25 miles
Location Relative to TP:	1/2 - 1 Mile SE
Site Name:	Los Angeles Chemical Co.
Site EPA ID Number:	CAD008287732
Groundwater Flow Direction:	West
Measured Depth to Water:	approximately 60 feet in the Gaspur aquifer.
Hydraulic Connection:	Silt, silty sands, and sands are present above the Gaspur aquifer, one of three interconnected units located within the Lakewood formation.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information based on site-specific subsurface investigations is documented 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>
---------------	-------------------------	---

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
2	1/4 - 1/2 Mile North	SW
4	1/2 - 1 Mile NNW	SW
1G	1/2 - 1 Mile NNW	SW
2G	1/4 - 1/2 Mile North	SW

For additional site information, refer to Physical Setting Source Map Findings.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era: Cenozoic  
System: Quaternary  
Series: Quaternary  
Code: Q (decoded above as Era, System & Series)

#### GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam  
 clay  
 silt loam  
 loamy sand  
 sandy loam  
 fine sand  
 clay loam  
 gravelly - sandy loam  
 coarse sand  
 gravelly - sand  
 sand

Surficial Soil Types: loam  
 clay  
 silt loam  
 loamy sand  
 sandy loam  
 fine sand  
 clay loam  
 gravelly - sandy loam  
 coarse sand  
 gravelly - sand  
 sand

Shallow Soil Types: fine sandy loam  
 gravelly - loam  
 sand  
 silty clay

Deeper Soil Types: stratified  
 clay loam  
 silty clay loam  
 gravelly - sandy loam  
 coarse sand  
 sand  
 weathered bedrock  
 very fine sandy loam



# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 0.001 miles
State Database	1.000

## FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
1	USGS40000139309	1/8 - 1/4 Mile SSE
5	USGS40000139389	1/2 - 1 Mile NW
A6	USGS40000139377	1/2 - 1 Mile NE
A7	USGS40000139378	1/2 - 1 Mile NE
A8	USGS40000139379	1/2 - 1 Mile NE
9	USGS40000139292	1/2 - 1 Mile SE
10	USGS40000139401	1/2 - 1 Mile NW
C22	USGS40000139482	1/2 - 1 Mile North
23	USGS40000139269	1/2 - 1 Mile SW
24	USGS40000139485	1/2 - 1 Mile North

## 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>
3	2944	1/4 - 1/2 Mile NE
B11	2942	1/2 - 1 Mile East
B12	2943	1/2 - 1 Mile East
B13	2941	1/2 - 1 Mile East
B14	2937	1/2 - 1 Mile East
B15	2882	1/2 - 1 Mile East
B16	2938	1/2 - 1 Mile East
B17	2940	1/2 - 1 Mile East
B18	2939	1/2 - 1 Mile East
19	2971	1/2 - 1 Mile SSE
C20	2936	1/2 - 1 Mile North

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

State Database: CA Radon

#### Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90255	1	0

Federal EPA Radon Zone for LOS ANGELES County: 2

- Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

---

#### Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland Inventory

Source: Department of Fish 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.

### RADON

#### State Database: CA Radon

Source: Department of Health Services  
Telephone: 916-324-2208  
Radon Database for California

#### Area Radon Information

Source: USGS  
Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA  
Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

Airport Landing Facilities: Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

© 2015 TomTom North America, Inc. All rights reserved. This material is proprietary and the subject of copyright protection and other intellectual property rights owned by or licensed to Tele Atlas North America, Inc. The use of this material is subject to the terms of a license agreement. You will be held liable for any unauthorized copying or disclosure of this material.

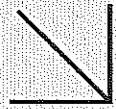


**Exhibit E**

Soil and Soil Gas Analytical Results

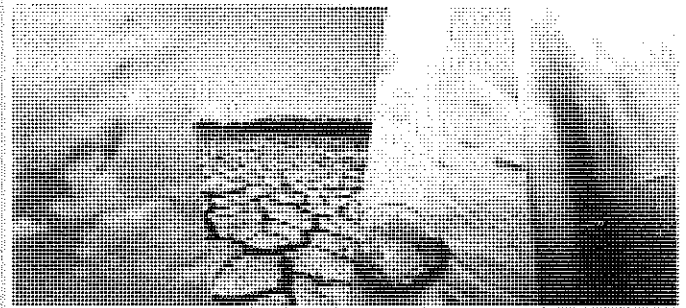


Calscience



**WORK ORDER NUMBER: 18-11-2033**

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** ENCON Technologies, Inc.

**Client Project Name:** 7821 Otis Ave

**Attention:** Joe Scatoloni  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Approved for release on 12/11/2018 by:  
Don Burley  
Project Manager

ResultLink ▶

Email your PM ▶

Eurofins Calscience (Calscience) certifies that the test results provided in this report meet all NELAC Institute requirements for parameters for which accreditation is required or available. Any exceptions to NELAC Institute requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

# Contents

Client Project Name: 7821 Otis Ave  
Work Order Number: 18-11-2033

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Client Sample Data. . . . .	5
	3.1 EPA 8015B (M) TPH Motor Oil (Solid). . . . .	5
	3.2 EPA 8015B (M) TPH Diesel (Solid). . . . .	9
	3.3 EPA 8015B (M) TPH Gasoline (Solid). . . . .	10
	3.4 EPA 6010B/7471A CAC Title 22 Metals (Solid). . . . .	11
	3.5 EPA 7471A Mercury (Solid). . . . .	26
	3.6 EPA 8260B Volatile Organics (Solid). . . . .	28
4	Quality Control Sample Data. . . . .	52
	4.1 MS/MSD. . . . .	52
	4.2 LCS/LCSD. . . . .	58
5	Sample Analysis Summary. . . . .	64
6	Glossary of Terms and Qualifiers. . . . .	65
7	Chain-of-Custody/Sample Receipt Form. . . . .	66

---

Work Order: 18-11-2033

Page 1 of 1

---

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 11/27/18. They were assigned to Work Order 18-11-2033.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**DoD Projects:**

The test results contained in this report are accredited under the laboratory's ISO/IEC 17025:2005 and DoD-ELAP accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation ADE-1864.



## Sample Summary

Client: ENCON Technologies, Inc. 12145 Mora Drive, Suite 7 Santa Fe Springs, CA 90670-6055	Work Order: 18-11-2033 Project Name: 7821 Otis Ave PO Number: Date/Time Received: 11/27/18 18:30 Number of Containers: 23
--	---

Attn: Joe Scatoloni

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
SB1-5'	18-11-2033-1	11/27/18 13:13	1	Solid
SB2-10'	18-11-2033-2	11/26/18 13:53	1	Solid
SB2-20'	18-11-2033-3	11/26/18 14:25	1	Solid
SB3-1'	18-11-2033-4	11/26/18 15:25	1	Solid
SB3-3'	18-11-2033-5	11/26/18 15:25	1	Solid
SB4-1'	18-11-2033-6	11/26/18 14:49	1	Solid
SB4-3'	18-11-2033-7	11/26/18 14:49	1	Solid
SB5-1'	18-11-2033-8	11/26/18 17:48	1	Solid
SB5-3'	18-11-2033-9	11/26/18 17:48	1	Solid
SB6-1'	18-11-2033-10	11/26/18 18:08	1	Solid
SB6-3'	18-11-2033-11	11/26/18 18:08	1	Solid
SB7-5'	18-11-2033-12	11/26/18 17:30	1	Solid
SB8-2'	18-11-2033-13	11/27/18 11:18	1	Solid
SB8-5'	18-11-2033-14	11/27/18 11:27	1	Solid
SB9-2'	18-11-2033-15	11/27/18 11:34	1	Solid
SB9-4'	18-11-2033-16	11/27/18 11:40	1	Solid
SB10-2'	18-11-2033-17	11/27/18 12:03	1	Solid
SB10-5'	18-11-2033-18	11/27/18 12:10	1	Solid
SB11-10'	18-11-2033-19	11/26/18 12:14	1	Solid
SB11-20'	18-11-2033-20	11/26/18 12:34	1	Solid
SB12-5'	18-11-2033-21	11/26/18 12:41	1	Solid
SB13-5'	18-11-2033-22	11/26/18 13:06	1	Solid
SB14-5'	18-11-2033-23	11/27/18 12:50	1	Solid



### Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3550B  
 Method: EPA 8015B (M)  
 Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>SB1-5'</b>	<b>18-11-2033-1-A</b>	<b>11/27/18 13:13</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/03/18 21:17</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		87		61-145			
<b>SB3-1'</b>	<b>18-11-2033-4-A</b>	<b>11/26/18 15:25</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/03/18 22:21</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		93		61-145			
<b>SB3-3'</b>	<b>18-11-2033-5-A</b>	<b>11/26/18 15:25</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/03/18 22:42</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		88		61-145			
<b>SB4-1'</b>	<b>18-11-2033-6-A</b>	<b>11/26/18 14:49</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/03/18 23:04</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		86		61-145			
<b>SB4-3'</b>	<b>18-11-2033-7-A</b>	<b>11/26/18 14:49</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/03/18 23:25</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		89		61-145			

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 7821 Otis Ave

Page 2 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>SB5-1'</b>	<b>18-11-2033-8-A</b>	<b>11/26/18 17:48</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/03/18 23:45</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		88		61-145			
<b>SB5-3'</b>	<b>18-11-2033-9-A</b>	<b>11/26/18 17:48</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/04/18 00:06</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		86		61-145			
<b>SB6-1'</b>	<b>18-11-2033-10-A</b>	<b>11/26/18 18:08</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/04/18 01:10</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		91		61-145			
<b>SB6-3'</b>	<b>18-11-2033-11-A</b>	<b>11/26/18 18:08</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/04/18 01:31</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		90		61-145			
<b>SB7-5'</b>	<b>18-11-2033-12-A</b>	<b>11/26/18 17:30</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/04/18 01:52</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		100		61-145			

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 7821 Otis Ave

Page 3 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>SB8-2'</b>	<b>18-11-2033-13-A</b>	<b>11/27/18 11:18</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/04/18 02:13</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		88		61-145			
<b>SB8-5'</b>	<b>18-11-2033-14-A</b>	<b>11/27/18 11:27</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/04/18 02:34</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		93		61-145			
<b>SB9-2'</b>	<b>18-11-2033-15-A</b>	<b>11/27/18 11:34</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/04/18 02:55</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		25		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		85		61-145			
<b>SB9-4'</b>	<b>18-11-2033-16-A</b>	<b>11/27/18 11:40</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/04/18 03:16</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		25		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		88		61-145			
<b>SB10-2'</b>	<b>18-11-2033-17-A</b>	<b>11/27/18 12:03</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/04/18 03:37</b>	<b>181130B08</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		86		61-145			

Return to Contents ↑

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



### Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3550B  
 Method: EPA 8015B (M)  
 Units: mg/kg

Project: 7821 Otis Ave

Page 4 of 4

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>SB10-5</b>	<b>18-11-2033-18-A</b>	<b>11/27/18 12:10</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/04/18 03:59</b>	<b>181130B08</b>

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil	ND	26	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	87	61-145	

Method Blank	099-15-420-3028	N/A	Solid	GC 48	11/30/18	12/03/18 17:03	181130B08
--------------	-----------------	-----	-------	-------	----------	-------------------	-----------

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil	ND	25	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	89	61-145	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3550B  
 Method: EPA 8015B (M)  
 Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>SB2-10<sup>1</sup></b>	<b>18-11-2033-2-A</b>	<b>11/26/18 13:53</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/03/18 21:38</b>	<b>181130B07A</b>

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	ND	5.2	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	88	61-145	

<b>SB2-20<sup>1</sup></b>	<b>18-11-2033-3-A</b>	<b>11/26/18 14:25</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/03/18 21:59</b>	<b>181130B07A</b>
---------------------------	-----------------------	---------------------------	--------------	--------------	-----------------	---------------------------	-------------------

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	ND	5.0	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	85	61-145	

<b>Method Blank</b>	<b>099-15-422-4022</b>	<b>N/A</b>	<b>Solid</b>	<b>GC 48</b>	<b>11/30/18</b>	<b>12/03/18 17:03</b>	<b>181130B07A</b>
---------------------	------------------------	------------	--------------	--------------	-----------------	---------------------------	-------------------

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
TPH as Diesel	ND	5.0	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
n-Octacosane	89	61-145	


  
 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8015B (M)  
 Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB11-10	18-11-2033-19-A	11/26/18 12:14	Solid	GC 25	12/03/18	12/04/18 00:05	181203L036

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	0.48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	72	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB11-20	18-11-2033-20-A	11/26/18 12:34	Solid	GC 25	12/03/18	12/04/18 00:38	181203L036

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	0.48	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	70	42-126	

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-14-571-4577	N/A	Solid	GC 25	12/03/18	12/03/18 15:43	181203L036

Parameter	Result	RL	DF	Qualifiers
TPH as Gasoline	ND	0.50	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
1,4-Bromofluorobenzene - FID	64	42-126	

Return to Contents ↑

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB3-1'	18-11-2033-4-A	11/26/18 15:25	Solid	ICP 8300	12/03/18	12/03/18 22:48	181203L03
Parameter		Result	RL	DF	Qualifiers		
Antimony		ND	0.765	1.02			
Arsenic		14.5	0.765	1.02			
Barium		156	0.510	1.02			
Beryllium		0.798	0.255	1.02			
Cadmium		ND	0.510	1.02			
Chromium		18.3	0.255	1.02			
Cobalt		12.5	0.255	1.02			
Copper		21.4	0.510	1.02			
Lead		ND	0.510	1.02			
Molybdenum		1.48	0.255	1.02			
Nickel		14.4	0.255	1.02			
Selenium		ND	0.765	1.02			
Silver		ND	0.255	1.02			
Thallium		ND	0.765	1.02			
Vanadium		39.1	0.255	1.02			
Zinc		65.6	1.02	1.02			


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 2 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB3-3'	18-11-2033-5-A	11/26/18 15:25	Solid	ICP 8300	12/03/18	12/03/18 22:58	181203L03
<u>Parameter</u>		<u>Result</u>			<u>DF</u>		<u>Qualifiers</u>
Antimony		ND		0.728	0.971		
Arsenic		12.8		0.728	0.971		
Barium		168		0.485	0.971		
Beryllium		0.871		0.243	0.971		
Cadmium		ND		0.485	0.971		
Chromium		19.6		0.243	0.971		
Cobalt		13.4		0.243	0.971		
Copper		24.2		0.485	0.971		
Lead		ND		0.485	0.971		
Molybdenum		1.02		0.243	0.971		
Nickel		15.8		0.243	0.971		
Selenium		ND		0.728	0.971		
Silver		ND		0.243	0.971		
Thallium		ND		0.728	0.971		
Vanadium		42.0		0.243	0.971		
Zinc		70.3		0.971	0.971		


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 3 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB4-1'	18-11-2033-6-A	11/26/18 14:49	Solid	ICP 8300	12/03/18	12/03/18 23:00	181203L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Qualifiers</u>
Antimony		ND		0.750	1.00		
Arsenic		14.2		0.750	1.00		
Barium		176		0.500	1.00		
Beryllium		0.881		0.250	1.00		
Cadmium		ND		0.500	1.00		
Chromium		19.7		0.250	1.00		
Cobalt		13.5		0.250	1.00		
Copper		24.4		0.500	1.00		
Lead		ND		0.500	1.00		
Molybdenum		0.293		0.250	1.00		
Nickel		15.8		0.250	1.00		
Selenium		ND		0.750	1.00		
Silver		ND		0.250	1.00		
Thallium		ND		0.750	1.00		
Vanadium		42.9		0.250	1.00		
Zinc		70.0		1.00	1.00		


  
 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 4 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB4-3'	18-11-2033-7-A	11/26/18 14:49	Solid	ICP 8300	12/03/18	12/03/18 23:02	181203L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Qualifiers</u>
Antimony		ND		0.773	1.03		
Arsenic		13.4		0.773	1.03		
Barium		174		0.515	1.03		
Beryllium		0.881		0.258	1.03		
Cadmium		ND		0.515	1.03		
Chromium		19.3		0.258	1.03		
Cobalt		12.8		0.258	1.03		
Copper		26.5		0.515	1.03		
Lead		ND		0.515	1.03		
Molybdenum		0.979		0.258	1.03		
Nickel		16.1		0.258	1.03		
Selenium		ND		0.773	1.03		
Silver		ND		0.258	1.03		
Thallium		ND		0.773	1.03		
Vanadium		40.9		0.258	1.03		
Zinc		64.0		1.03	1.03		


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 5 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB5-1'	18-11-2033-8-A	11/26/18 17:48	Solid	ICP 8300	12/03/18	12/03/18 23:03	181203L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Qualifiers</u>
Antimony		ND		0.761	1.02		
Arsenic		10.1		0.761	1.02		
Barium		129		0.508	1.02		
Beryllium		0.677		0.254	1.02		
Cadmium		ND		0.508	1.02		
Chromium		15.1		0.254	1.02		
Cobalt		11.0		0.254	1.02		
Copper		17.2		0.508	1.02		
Lead		ND		0.508	1.02		
Molybdenum		ND		0.254	1.02		
Nickel		12.0		0.254	1.02		
Selenium		ND		0.761	1.02		
Silver		ND		0.254	1.02		
Thallium		ND		0.761	1.02		
Vanadium		33.2		0.254	1.02		
Zinc		57.0		1.02	1.02		


  
 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 6 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB5-3'	18-11-2033-9-A	11/26/18 17:48	Solid	ICP 8300	12/03/18	12/03/18 23:05	181203L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Antimony		ND		0.761		1.02	
Arsenic		12.1		0.761		1.02	
Barium		142		0.508		1.02	
Beryllium		0.825		0.254		1.02	
Cadmium		ND		0.508		1.02	
Chromium		18.1		0.254		1.02	
Cobalt		12.9		0.254		1.02	
Copper		23.0		0.508		1.02	
Lead		ND		0.508		1.02	
Molybdenum		ND		0.254		1.02	
Nickel		14.8		0.254		1.02	
Selenium		ND		0.761		1.02	
Silver		ND		0.254		1.02	
Thallium		ND		0.761		1.02	
Vanadium		40.5		0.254		1.02	
Zinc		64.7		1.02		1.02	


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 7 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB6-1'	18-11-2033-10-A	11/26/18 18:08	Solid	ICP 8300	12/03/18	12/03/18 23:07	181203L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Qualifiers</u>
Antimony		ND		0.746	0.995		
Arsenic		9.27		0.746	0.995		
Barium		120		0.498	0.995		
Beryllium		0.614		0.249	0.995		
Cadmium		ND		0.498	0.995		
Chromium		13.8		0.249	0.995		
Cobalt		10.1		0.249	0.995		
Copper		15.3		0.498	0.995		
Lead		ND		0.498	0.995		
Molybdenum		ND		0.249	0.995		
Nickel		10.9		0.249	0.995		
Selenium		ND		0.746	0.995		
Silver		ND		0.249	0.995		
Thallium		ND		0.746	0.995		
Vanadium		30.4		0.249	0.995		
Zinc		56.7		0.995	0.995		


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report


ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 8 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB6-3'	18-11-2033-11-A	11/26/18 18:08	Solid	ICP 8300	12/03/18	12/03/18 23:09	181203L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Qualifiers</u>
Antimony		ND		0.735	0.980		
Arsenic		8.89		0.735	0.980		
Barium		118		0.490	0.980		
Beryllium		0.616		0.245	0.980		
Cadmium		ND		0.490	0.980		
Chromium		13.7		0.245	0.980		
Cobalt		10.1		0.245	0.980		
Copper		15.1		0.490	0.980		
Lead		ND		0.490	0.980		
Molybdenum		ND		0.245	0.980		
Nickel		10.9		0.245	0.980		
Selenium		ND		0.735	0.980		
Silver		ND		0.245	0.980		
Thallium		ND		0.735	0.980		
Vanadium		30.7		0.245	0.980		
Zinc		52.2		0.980	0.980		


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055


Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 9 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB8-2'	18-11-2033-13-A	11/27/18 11:18	Solid	ICP 8300	12/03/18	12/03/18 23:10	181203L03

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.735	0.980	
Arsenic	12.6	0.735	0.980	
Barium	154	0.490	0.980	
Beryllium	0.805	0.245	0.980	
Cadmium	ND	0.490	0.980	
Chromium	18.2	0.245	0.980	
Cobalt	12.2	0.245	0.980	
Copper	22.6	0.490	0.980	
Lead	3.57	0.490	0.980	
Molybdenum	0.331	0.245	0.980	
Nickel	14.3	0.245	0.980	
Selenium	ND	0.735	0.980	
Silver	ND	0.245	0.980	
Thallium	ND	0.735	0.980	
Vanadium	39.1	0.245	0.980	
Zinc	81.7	0.980	0.980	


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 10 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB8-5'	18-11-2033-14-A	11/27/18 11:27	Solid	ICP 8300	12/03/18	12/03/18 23:12	181203L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>	
Antimony		ND		0.769	1.03		
Arsenic		13.1		0.769	1.03		
Barium		185		0.513	1.03		
Beryllium		0.790		0.256	1.03		
Cadmium		ND		0.513	1.03		
Chromium		19.3		0.256	1.03		
Cobalt		12.9		0.256	1.03		
Copper		23.2		0.513	1.03		
Lead		ND		0.513	1.03		
Molybdenum		0.415		0.256	1.03		
Nickel		15.7		0.256	1.03		
Selenium		ND		0.769	1.03		
Silver		ND		0.256	1.03		
Thallium		ND		0.769	1.03		
Vanadium		39.9		0.256	1.03		
Zinc		64.4		1.03	1.03		


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 11 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB9-2'	18-11-2033-15-A	11/27/18 11:34	Solid	ICP 8300	12/03/18	12/04/18 11:55	181203L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>	
Antimony		ND		0.743	0.990		
Arsenic		8.39		0.743	0.990		
Barium		157		0.495	0.990		
Beryllium		0.860		0.248	0.990		
Cadmium		ND		0.495	0.990		
Chromium		18.6		0.248	0.990		
Cobalt		12.7		0.248	0.990		
Copper		23.3		0.495	0.990		
Lead		ND		0.495	0.990		
Molybdenum		0.270		0.248	0.990		
Nickel		14.5		0.248	0.990		
Selenium		ND		0.743	0.990		
Silver		ND		0.248	0.990		
Thallium		ND		0.743	0.990		
Vanadium		40.4		0.248	0.990		
Zinc		72.3		0.990	0.990		


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 12 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB9-4'	18-11-2033-16-A	11/27/18 11:40	Solid	ICP 8300	12/03/18	12/04/18 11:57	181203L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>	
Antimony		ND		0.754	1.01		
Arsenic		9.25		0.754	1.01		
Barium		181		0.503	1.01		
Beryllium		0.898		0.251	1.01		
Cadmium		ND		0.503	1.01		
Chromium		19.6		0.251	1.01		
Cobalt		12.4		0.251	1.01		
Copper		26.5		0.503	1.01		
Lead		ND		0.503	1.01		
Molybdenum		ND		0.251	1.01		
Nickel		16.1		0.251	1.01		
Selenium		ND		0.754	1.01		
Silver		ND		0.251	1.01		
Thallium		ND		0.754	1.01		
Vanadium		41.5		0.251	1.01		
Zinc		67.8		1.01	1.01		


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 13 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>SB10-2'</b>	<b>18-11-2033-17-A</b>	<b>11/27/18 12:03</b>	<b>Solid</b>	<b>ICP 8300</b>	<b>12/03/18</b>	<b>12/04/18 11:58</b>	<b>181203L03</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Qualifiers</u>
Antimony		ND		0.732	0.976		
Arsenic		9.29		0.732	0.976		
Barium		188		0.488	0.976		
Beryllium		0.963		0.244	0.976		
Cadmium		ND		0.488	0.976		
Chromium		20.7		0.244	0.976		
Cobalt		13.3		0.244	0.976		
Copper		29.9		0.488	0.976		
Lead		0.696		0.488	0.976		
Molybdenum		ND		0.244	0.976		
Nickel		17.4		0.244	0.976		
Selenium		ND		0.732	0.976		
Silver		ND		0.244	0.976		
Thallium		ND		0.732	0.976		
Vanadium		44.1		0.244	0.976		
Zinc		75.6		0.976	0.976		


  
Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report


ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 14 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB10-5 <sup>1</sup>	18-11-2033-18-A	11/27/18 12:10	Solid	ICP 8300	12/03/18	12/04/18 12:00	181203L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>		<u>Qualifiers</u>
Antimony		ND		0.785	1.05		
Arsenic		8.21		0.785	1.05		
Barium		142		0.524	1.05		
Beryllium		0.755		0.262	1.05		
Cadmium		ND		0.524	1.05		
Chromium		17.7		0.262	1.05		
Cobalt		11.5		0.262	1.05		
Copper		20.2		0.524	1.05		
Lead		ND		0.524	1.05		
Molybdenum		ND		0.262	1.05		
Nickel		13.8		0.262	1.05		
Selenium		ND		0.785	1.05		
Silver		ND		0.262	1.05		
Thallium		ND		0.785	1.05		
Vanadium		37.2		0.262	1.05		
Zinc		63.3		1.05	1.05		


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 15 of 15

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	097-01-002-27337	N/A	Solid	ICP 8300	12/03/18	12/03/18 22:42	181203L03
<u>Parameter</u>		<u>Result</u>			<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
Antimony		ND			0.735	0.980	
Arsenic		ND			0.735	0.980	
Barium		ND			0.490	0.980	
Beryllium		ND			0.245	0.980	
Cadmium		ND			0.490	0.980	
Chromium		ND			0.245	0.980	
Cobalt		ND			0.245	0.980	
Copper		ND			0.490	0.980	
Lead		ND			0.490	0.980	
Molybdenum		ND			0.245	0.980	
Nickel		ND			0.245	0.980	
Selenium		ND			0.735	0.980	
Silver		ND			0.245	0.980	
Thallium		ND			0.735	0.980	
Vanadium		ND			0.245	0.980	
Zinc		ND			0.980	0.980	


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 7471A Total  
 Method: EPA 7471A  
 Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB3-1'	18-11-2033-4-A	11/26/18 15:25	Solid	Mercury 08	12/04/18	12/04/18 14:52	181204L01
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0806		1.00	
SB3-3'	18-11-2033-5-A	11/26/18 15:25	Solid	Mercury 08	12/04/18	12/04/18 14:59	181204L01
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		0.0995		0.0820		1.00	
SB4-1'	18-11-2033-6-A	11/26/18 14:49	Solid	Mercury 08	12/04/18	12/04/18 15:01	181204L01
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		0.182		0.0847		1.00	
SB4-3'	18-11-2033-7-A	11/26/18 14:49	Solid	Mercury 08	12/04/18	12/04/18 15:03	181204L01
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0820		1.00	
SB5-1'	18-11-2033-8-A	11/26/18 17:48	Solid	Mercury 08	12/04/18	12/04/18 15:05	181204L01
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0833		1.00	
SB5-3'	18-11-2033-9-A	11/26/18 17:48	Solid	Mercury 08	12/04/18	12/04/18 15:08	181204L01
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		0.0979		0.0847		1.00	
SB6-1'	18-11-2033-10-A	11/26/18 18:08	Solid	Mercury 08	12/04/18	12/04/18 15:14	181204L01
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0877		1.00	
SB6-3'	18-11-2033-11-A	11/26/18 18:08	Solid	Mercury 08	12/04/18	12/04/18 15:17	181204L01
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0862		1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 7471A Total  
 Method: EPA 7471A  
 Units: mg/kg

Project: 7821 Otis Ave

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>SB8-2'</b>	<b>18-11-2033-13-A</b>	<b>11/27/18 11:18</b>	<b>Solid</b>	<b>Mercury 08</b>	<b>12/04/18</b>	<b>12/04/18 15:19</b>	<b>181204L01</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0877		1.00	
<b>SB8-5'</b>	<b>18-11-2033-14-A</b>	<b>11/27/18 11:27</b>	<b>Solid</b>	<b>Mercury 08</b>	<b>12/04/18</b>	<b>12/04/18 15:21</b>	<b>181204L01</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0862		1.00	
<b>SB9-2'</b>	<b>18-11-2033-15-A</b>	<b>11/27/18 11:34</b>	<b>Solid</b>	<b>Mercury 08</b>	<b>12/04/18</b>	<b>12/04/18 15:23</b>	<b>181204L01</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0794		1.00	
<b>SB9-4'</b>	<b>18-11-2033-16-A</b>	<b>11/27/18 11:40</b>	<b>Solid</b>	<b>Mercury 08</b>	<b>12/04/18</b>	<b>12/04/18 15:26</b>	<b>181204L01</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0833		1.00	
<b>SB10-2'</b>	<b>18-11-2033-17-A</b>	<b>11/27/18 12:03</b>	<b>Solid</b>	<b>Mercury 08</b>	<b>12/04/18</b>	<b>12/04/18 15:28</b>	<b>181204L01</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0847		1.00	
<b>SB10-5'</b>	<b>18-11-2033-18-A</b>	<b>11/27/18 12:10</b>	<b>Solid</b>	<b>Mercury 08</b>	<b>12/04/18</b>	<b>12/04/18 15:30</b>	<b>181204L01</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0877		1.00	
<b>Method Blank</b>	<b>099-16-272-4313</b>	<b>N/A</b>	<b>Solid</b>	<b>Mercury 08</b>	<b>12/04/18</b>	<b>12/04/18 14:47</b>	<b>181204L01</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0833		1.00	

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 7821 Otis Ave

Page 1 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB1-5'	18-11-2033-1-A	11/27/18 13:13	Solid	GC/MS Q	11/28/18	11/28/18 14:21	181128L036

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	120	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 2 of 24

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	96	80-120		
Dibromofluoromethane	94	79-133		
1,2-Dichloroethane-d4	93	71-155		
Toluene-d8	99	80-120		


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 7821 Otis Ave

Page 3 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB7-5'	18-11-2033-12-A	11/26/18 17:30	Solid	GC/MS Q	11/28/18	11/28/18 16:35	181128L036
<u>Parameter</u>		<u>Result</u>			<u>DF</u>		<u>Qualifiers</u>
Acetone		ND		130	1.00		
Benzene		ND		5.1	1.00		
Bromobenzene		ND		5.1	1.00		
Bromochloromethane		ND		5.1	1.00		
Bromodichloromethane		ND		5.1	1.00		
Bromoform		ND		5.1	1.00		
Bromomethane		ND		26	1.00		
2-Butanone		ND		51	1.00		
n-Butylbenzene		ND		5.1	1.00		
sec-Butylbenzene		ND		5.1	1.00		
tert-Butylbenzene		ND		5.1	1.00		
Carbon Disulfide		ND		51	1.00		
Carbon Tetrachloride		ND		5.1	1.00		
Chlorobenzene		ND		5.1	1.00		
Chloroethane		ND		5.1	1.00		
Chloroform		ND		5.1	1.00		
Chloromethane		ND		26	1.00		
2-Chlorotoluene		ND		5.1	1.00		
4-Chlorotoluene		ND		5.1	1.00		
Dibromochloromethane		ND		5.1	1.00		
1,2-Dibromo-3-Chloropropane		ND		10	1.00		
1,2-Dibromoethane		ND		5.1	1.00		
Dibromomethane		ND		5.1	1.00		
1,2-Dichlorobenzene		ND		5.1	1.00		
1,3-Dichlorobenzene		ND		5.1	1.00		
1,4-Dichlorobenzene		ND		5.1	1.00		
Dichlorodifluoromethane		ND		5.1	1.00		
1,1-Dichloroethane		ND		5.1	1.00		
1,2-Dichloroethane		ND		5.1	1.00		
1,1-Dichloroethene		ND		5.1	1.00		
c-1,2-Dichloroethene		ND		5.1	1.00		
t-1,2-Dichloroethene		ND		5.1	1.00		
1,2-Dichloropropane		ND		5.1	1.00		
1,3-Dichloropropane		ND		5.1	1.00		
2,2-Dichloropropane		ND		5.1	1.00		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 4 of 24

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
1,1-Dichloropropene	ND	5.1	1.00	
c-1,3-Dichloropropene	ND	5.1	1.00	
t-1,3-Dichloropropene	ND	5.1	1.00	
Ethylbenzene	ND	5.1	1.00	
2-Hexanone	ND	5.1	1.00	
Isopropylbenzene	ND	5.1	1.00	
p-Isopropyltoluene	ND	5.1	1.00	
Methylene Chloride	ND	5.1	1.00	
4-Methyl-2-Pentanone	ND	5.1	1.00	
Naphthalene	ND	5.1	1.00	
n-Propylbenzene	ND	5.1	1.00	
Styrene	ND	5.1	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	1.00	
Tetrachloroethene	ND	5.1	1.00	
Toluene	ND	5.1	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.1	1.00	
1,1,1-Trichloroethane	ND	5.1	1.00	
1,1,2-Trichloroethane	ND	5.1	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5.1	1.00	
Trichloroethene	ND	5.1	1.00	
1,2,3-Trichloropropane	ND	5.1	1.00	
1,2,4-Trimethylbenzene	ND	5.1	1.00	
Trichlorofluoromethane	ND	5.1	1.00	
1,3,5-Trimethylbenzene	ND	5.1	1.00	
Vinyl Acetate	ND	5.1	1.00	
Vinyl Chloride	ND	5.1	1.00	
p/m-Xylene	ND	5.1	1.00	
o-Xylene	ND	5.1	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	96	80-120		
Dibromofluoromethane	97	79-133		
1,2-Dichloroethane-d4	94	71-155		
Toluene-d8	99	80-120		


  
 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 5 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB8-2'	18-11-2033-13-A	11/27/18 11:18	Solid	GC/MS Q	11/28/18	11/28/18 17:02	181128L036

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	130	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 6 of 24

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	96	80-120		
Dibromofluoromethane	97	79-133		
1,2-Dichloroethane-d4	95	71-155		
Toluene-d8	100	80-120		


  
 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 7 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB8-5'	18-11-2033-14-A	11/27/18 11:27	Solid	GC/MS Q	11/28/18	11/28/18 17:29	181128L036

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	120	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	9.9	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 8 of 24

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,1,2,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	9.9	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	98	80-120		
Dibromofluoromethane	97	79-133		
1,2-Dichloroethane-d4	97	71-155		
Toluene-d8	99	80-120		


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 9 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB9-2'	18-11-2033-15-A	11/27/18 11:34	Solid	GC/MS Q	11/28/18	11/28/18 17:56	181128L036
<u>Parameter</u>		<u>Result</u>			<u>DF</u>		<u>Qualifiers</u>
Acetone		ND		130	1.00		
Benzene		ND		5.1	1.00		
Bromobenzene		ND		5.1	1.00		
Bromochloromethane		ND		5.1	1.00		
Bromodichloromethane		ND		5.1	1.00		
Bromoform		ND		5.1	1.00		
Bromomethane		ND		26	1.00		
2-Butanone		ND		51	1.00		
n-Butylbenzene		ND		5.1	1.00		
sec-Butylbenzene		ND		5.1	1.00		
tert-Butylbenzene		ND		5.1	1.00		
Carbon Disulfide		ND		51	1.00		
Carbon Tetrachloride		ND		5.1	1.00		
Chlorobenzene		ND		5.1	1.00		
Chloroethane		ND		5.1	1.00		
Chloroform		ND		5.1	1.00		
Chloromethane		ND		26	1.00		
2-Chlorotoluene		ND		5.1	1.00		
4-Chlorotoluene		ND		5.1	1.00		
Dibromochloromethane		ND		5.1	1.00		
1,2-Dibromo-3-Chloropropane		ND		10	1.00		
1,2-Dibromoethane		ND		5.1	1.00		
Dibromomethane		ND		5.1	1.00		
1,2-Dichlorobenzene		ND		5.1	1.00		
1,3-Dichlorobenzene		ND		5.1	1.00		
1,4-Dichlorobenzene		ND		5.1	1.00		
Dichlorodifluoromethane		ND		5.1	1.00		
1,1-Dichloroethane		ND		5.1	1.00		
1,2-Dichloroethane		ND		5.1	1.00		
1,1-Dichloroethene		ND		5.1	1.00		
c-1,2-Dichloroethene		ND		5.1	1.00		
t-1,2-Dichloroethene		ND		5.1	1.00		
1,2-Dichloropropane		ND		5.1	1.00		
1,3-Dichloropropane		ND		5.1	1.00		
2,2-Dichloropropane		ND		5.1	1.00		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 7821 Otis Ave

Page 10 of 24

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
1,1-Dichloropropene	ND	5.1	1.00	
c-1,3-Dichloropropene	ND	5.1	1.00	
t-1,3-Dichloropropene	ND	5.1	1.00	
Ethylbenzene	ND	5.1	1.00	
2-Hexanone	ND	5.1	1.00	
Isopropylbenzene	ND	5.1	1.00	
p-Isopropyltoluene	ND	5.1	1.00	
Methylene Chloride	ND	5.1	1.00	
4-Methyl-2-Pentanone	ND	5.1	1.00	
Naphthalene	ND	5.1	1.00	
n-Propylbenzene	ND	5.1	1.00	
Styrene	ND	5.1	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	1.00	
Tetrachloroethene	ND	5.1	1.00	
Toluene	ND	5.1	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.1	1.00	
1,1,1-Trichloroethane	ND	5.1	1.00	
1,1,2-Trichloroethane	ND	5.1	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5.1	1.00	
Trichloroethene	ND	5.1	1.00	
1,2,3-Trichloropropane	ND	5.1	1.00	
1,2,4-Trimethylbenzene	ND	5.1	1.00	
Trichlorofluoromethane	ND	5.1	1.00	
1,3,5-Trimethylbenzene	ND	5.1	1.00	
Vinyl Acetate	ND	5.1	1.00	
Vinyl Chloride	ND	5.1	1.00	
p/m-Xylene	ND	5.1	1.00	
o-Xylene	ND	5.1	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	97	80-120		
Dibromofluoromethane	96	79-133		
1,2-Dichloroethane-d4	96	71-155		
Toluene-d8	100	80-120		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 7821 Otis Ave

Page 11 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB9-4'	18-11-2033-16-A	11/27/18 11:40	Solid	GC/MS Q	11/28/18	11/28/18 18:23	181128L036

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	130	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 12 of 24

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	97	80-120		
Dibromofluoromethane	97	79-133		
1,2-Dichloroethane-d4	98	71-155		
Toluene-d8	100	80-120		


  
 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 13 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB10-2	18-11-2033-17-A	11/27/18 12:03	Solid	GC/MS Q	11/28/18	11/28/18 18:50	181128L036

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	120	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 14 of 24

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	97	80-120		
Dibromofluoromethane	99	79-133		
1,2-Dichloroethane-d4	101	71-155		
Toluene-d8	100	80-120		


  
 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 7821 Otis Ave

Page 15 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB10-5 <sup>1</sup>	18-11-2033-18-A	11/27/18 12:10	Solid	GC/MS Q	11/28/18	11/28/18 19:16	181128L036

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	130	1.00	
Benzene	ND	5.1	1.00	
Bromobenzene	ND	5.1	1.00	
Bromochloromethane	ND	5.1	1.00	
Bromodichloromethane	ND	5.1	1.00	
Bromoform	ND	5.1	1.00	
Bromomethane	ND	26	1.00	
2-Butanone	ND	51	1.00	
n-Butylbenzene	ND	5.1	1.00	
sec-Butylbenzene	ND	5.1	1.00	
tert-Butylbenzene	ND	5.1	1.00	
Carbon Disulfide	ND	51	1.00	
Carbon Tetrachloride	ND	5.1	1.00	
Chlorobenzene	ND	5.1	1.00	
Chloroethane	ND	5.1	1.00	
Chloroform	ND	5.1	1.00	
Chloromethane	ND	26	1.00	
2-Chlorotoluene	ND	5.1	1.00	
4-Chlorotoluene	ND	5.1	1.00	
Dibromochloromethane	ND	5.1	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.1	1.00	
Dibromomethane	ND	5.1	1.00	
1,2-Dichlorobenzene	ND	5.1	1.00	
1,3-Dichlorobenzene	ND	5.1	1.00	
1,4-Dichlorobenzene	ND	5.1	1.00	
Dichlorodifluoromethane	ND	5.1	1.00	
1,1-Dichloroethane	ND	5.1	1.00	
1,2-Dichloroethane	ND	5.1	1.00	
1,1-Dichloroethene	ND	5.1	1.00	
c-1,2-Dichloroethene	ND	5.1	1.00	
t-1,2-Dichloroethene	ND	5.1	1.00	
1,2-Dichloropropane	ND	5.1	1.00	
1,3-Dichloropropane	ND	5.1	1.00	
2,2-Dichloropropane	ND	5.1	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 7821 Otis Ave

Page 16 of 24

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
1,1-Dichloropropene	ND	5.1	1.00	
c-1,3-Dichloropropene	ND	5.1	1.00	
t-1,3-Dichloropropene	ND	5.1	1.00	
Ethylbenzene	ND	5.1	1.00	
2-Hexanone	ND	5.1	1.00	
Isopropylbenzene	ND	5.1	1.00	
p-Isopropyltoluene	ND	5.1	1.00	
Methylene Chloride	ND	5.1	1.00	
4-Methyl-2-Pentanone	ND	5.1	1.00	
Naphthalene	ND	5.1	1.00	
n-Propylbenzene	ND	5.1	1.00	
Styrene	ND	5.1	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	1.00	
Tetrachloroethene	ND	5.1	1.00	
Toluene	ND	5.1	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.1	1.00	
1,1,1-Trichloroethane	ND	5.1	1.00	
1,1,2-Trichloroethane	ND	5.1	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	5.1	1.00	
Trichloroethene	ND	5.1	1.00	
1,2,3-Trichloropropane	ND	5.1	1.00	
1,2,4-Trimethylbenzene	ND	5.1	1.00	
Trichlorofluoromethane	ND	5.1	1.00	
1,3,5-Trimethylbenzene	ND	5.1	1.00	
Vinyl Acetate	ND	5.1	1.00	
Vinyl Chloride	ND	5.1	1.00	
p/m-Xylene	ND	5.1	1.00	
o-Xylene	ND	5.1	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	97	80-120		
Dibromofluoromethane	99	79-133		
1,2-Dichloroethane-d4	99	71-155		
Toluene-d8	99	80-120		

Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 17 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB12-5	18-11-2033-21-A	11/26/18 12:41	Solid	GC/MS Q	11/28/18	11/28/18 19:43	181128L036

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	130	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 18 of 24

Parameter	Result	RL	DF	Qualifiers
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	
Surrogate	Rec. (%)	Control Limits	Qualifiers	
1,4-Bromofluorobenzene	97	80-120		
Dibromofluoromethane	99	79-133		
1,2-Dichloroethane-d4	100	71-155		
Toluene-d8	99	80-120		


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 19 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB13-5'	18-11-2033-22-A	11/26/18 13:06	Solid	GC/MS Q	11/28/18	11/28/18 20:10	181128L036

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	120	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report


ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 20 of 24

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	96	80-120		
Dibromofluoromethane	96	79-133		
1,2-Dichloroethane-d4	96	71-155		
Toluene-d8	99	80-120		


  
 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 7821 Otis Ave

Page 21 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SB14-5'	18-11-2033-23-A	11/27/18 12:50	Solid	GC/MS Q	11/28/18	11/28/18 20:38	181128L036

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	130	1.00	
Benzene	ND	5.1	1.00	
Bromobenzene	ND	5.1	1.00	
Bromochloromethane	ND	5.1	1.00	
Bromodichloromethane	ND	5.1	1.00	
Bromoform	ND	5.1	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	51	1.00	
n-Butylbenzene	ND	5.1	1.00	
sec-Butylbenzene	ND	5.1	1.00	
tert-Butylbenzene	ND	5.1	1.00	
Carbon Disulfide	ND	51	1.00	
Carbon Tetrachloride	ND	5.1	1.00	
Chlorobenzene	ND	5.1	1.00	
Chloroethane	ND	5.1	1.00	
Chloroform	ND	5.1	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.1	1.00	
4-Chlorotoluene	ND	5.1	1.00	
Dibromochloromethane	ND	5.1	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.1	1.00	
Dibromomethane	ND	5.1	1.00	
1,2-Dichlorobenzene	ND	5.1	1.00	
1,3-Dichlorobenzene	ND	5.1	1.00	
1,4-Dichlorobenzene	ND	5.1	1.00	
Dichlorodifluoromethane	ND	5.1	1.00	
1,1-Dichloroethane	ND	5.1	1.00	
1,2-Dichloroethane	ND	5.1	1.00	
1,1-Dichloroethene	ND	5.1	1.00	
c-1,2-Dichloroethene	ND	5.1	1.00	
t-1,2-Dichloroethene	ND	5.1	1.00	
1,2-Dichloropropane	ND	5.1	1.00	
1,3-Dichloropropane	ND	5.1	1.00	
2,2-Dichloropropane	ND	5.1	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 7821 Otis Ave

Page 22 of 24

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
1,1-Dichloropropene	ND	5.1	1.00	
c-1,3-Dichloropropene	ND	5.1	1.00	
t-1,3-Dichloropropene	ND	5.1	1.00	
Ethylbenzene	ND	5.1	1.00	
2-Hexanone	ND	51	1.00	
Isopropylbenzene	ND	5.1	1.00	
p-Isopropyltoluene	ND	5.1	1.00	
Methylene Chloride	ND	51	1.00	
4-Methyl-2-Pentanone	ND	51	1.00	
Naphthalene	ND	51	1.00	
n-Propylbenzene	ND	5.1	1.00	
Styrene	ND	5.1	1.00	
1,1,1,2-Tetrachloroethane	ND	5.1	1.00	
1,1,2,2-Tetrachloroethane	ND	5.1	1.00	
Tetrachloroethene	ND	5.1	1.00	
Toluene	ND	5.1	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.1	1.00	
1,1,1-Trichloroethane	ND	5.1	1.00	
1,1,2-Trichloroethane	ND	5.1	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	51	1.00	
Trichloroethene	ND	5.1	1.00	
1,2,3-Trichloropropane	ND	5.1	1.00	
1,2,4-Trimethylbenzene	ND	5.1	1.00	
Trichlorofluoromethane	ND	51	1.00	
1,3,5-Trimethylbenzene	ND	5.1	1.00	
Vinyl Acetate	ND	51	1.00	
Vinyl Chloride	ND	5.1	1.00	
p/m-Xylene	ND	5.1	1.00	
o-Xylene	ND	5.1	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.1	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	96	80-120		
Dibromofluoromethane	98	79-133		
1,2-Dichloroethane-d4	98	71-155		
Toluene-d8	99	80-120		


  
 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8260B  
 Units: ug/kg

Project: 7821 Otis Ave

Page 23 of 24

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-796-14876	N/A	Solid	GC/MS Q	11/28/18	11/28/18 11:29	181128L036

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	120	1.00	
Benzene	ND	5.0	1.00	
Bromobenzene	ND	5.0	1.00	
Bromochloromethane	ND	5.0	1.00	
Bromodichloromethane	ND	5.0	1.00	
Bromoform	ND	5.0	1.00	
Bromomethane	ND	25	1.00	
2-Butanone	ND	50	1.00	
n-Butylbenzene	ND	5.0	1.00	
sec-Butylbenzene	ND	5.0	1.00	
tert-Butylbenzene	ND	5.0	1.00	
Carbon Disulfide	ND	50	1.00	
Carbon Tetrachloride	ND	5.0	1.00	
Chlorobenzene	ND	5.0	1.00	
Chloroethane	ND	5.0	1.00	
Chloroform	ND	5.0	1.00	
Chloromethane	ND	25	1.00	
2-Chlorotoluene	ND	5.0	1.00	
4-Chlorotoluene	ND	5.0	1.00	
Dibromochloromethane	ND	5.0	1.00	
1,2-Dibromo-3-Chloropropane	ND	10	1.00	
1,2-Dibromoethane	ND	5.0	1.00	
Dibromomethane	ND	5.0	1.00	
1,2-Dichlorobenzene	ND	5.0	1.00	
1,3-Dichlorobenzene	ND	5.0	1.00	
1,4-Dichlorobenzene	ND	5.0	1.00	
Dichlorodifluoromethane	ND	5.0	1.00	
1,1-Dichloroethane	ND	5.0	1.00	
1,2-Dichloroethane	ND	5.0	1.00	
1,1-Dichloroethene	ND	5.0	1.00	
c-1,2-Dichloroethene	ND	5.0	1.00	
t-1,2-Dichloroethene	ND	5.0	1.00	
1,2-Dichloropropane	ND	5.0	1.00	
1,3-Dichloropropane	ND	5.0	1.00	
2,2-Dichloropropane	ND	5.0	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 5030C  
Method: EPA 8260B  
Units: ug/kg

Project: 7821 Otis Ave

Page 24 of 24

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
1,1-Dichloropropene	ND	5.0	1.00	
c-1,3-Dichloropropene	ND	5.0	1.00	
t-1,3-Dichloropropene	ND	5.0	1.00	
Ethylbenzene	ND	5.0	1.00	
2-Hexanone	ND	50	1.00	
Isopropylbenzene	ND	5.0	1.00	
p-Isopropyltoluene	ND	5.0	1.00	
Methylene Chloride	ND	50	1.00	
4-Methyl-2-Pentanone	ND	50	1.00	
Naphthalene	ND	50	1.00	
n-Propylbenzene	ND	5.0	1.00	
Styrene	ND	5.0	1.00	
1,1,1,2-Tetrachloroethane	ND	5.0	1.00	
1,1,2,2-Tetrachloroethane	ND	5.0	1.00	
Tetrachloroethene	ND	5.0	1.00	
Toluene	ND	5.0	1.00	
1,2,3-Trichlorobenzene	ND	10	1.00	
1,2,4-Trichlorobenzene	ND	5.0	1.00	
1,1,1-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloroethane	ND	5.0	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	50	1.00	
Trichloroethene	ND	5.0	1.00	
1,2,3-Trichloropropane	ND	5.0	1.00	
1,2,4-Trimethylbenzene	ND	5.0	1.00	
Trichlorofluoromethane	ND	50	1.00	
1,3,5-Trimethylbenzene	ND	5.0	1.00	
Vinyl Acetate	ND	50	1.00	
Vinyl Chloride	ND	5.0	1.00	
p/m-Xylene	ND	5.0	1.00	
o-Xylene	ND	5.0	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	5.0	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	95	80-120		
Dibromofluoromethane	101	79-133		
1,2-Dichloroethane-d4	100	71-155		
Toluene-d8	99	80-120		


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: 7821 Otis Ave

Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number				
18-11-1974-1	Sample	Sludge	GC 48	11/30/18	12/03/18 19:31	181130S08				
18-11-1974-1	Matrix Spike	Sludge	GC 48	11/30/18	12/03/18 18:49	181130S08				
18-11-1974-1	Matrix Spike Duplicate	Sludge	GC 48	11/30/18	12/03/18 19:10	181130S08				
Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	ND	400.0	333.3	83	315.6	79	64-130	5	0-15	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



**Quality Control - Spike/Spike Duplicate**

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: 7821 Otis Ave

Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
18-11-1974-1	Sample	Sludge	GC 48	11/30/18	12/03/18 19:31	181130S07
18-11-1974-1	Matrix Spike	Sludge	GC 48	11/30/18	12/03/18 18:06	181130S07
18-11-1974-1	Matrix Spike Duplicate	Sludge	GC 48	11/30/18	12/03/18 18:28	181130S07

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Diesel	8.407	400.0	397.3	97	338.4	83	61-145	16	0-25	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



**Quality Control - Spike/Spike Duplicate**

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 5030C  
Method: EPA 8015B (M)

Project: 7821 Otis Ave

Page 3 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
18-11-2120-5	Sample	Solid	GC 25	11/28/18	12/03/18 16:50	181203S011
18-11-2120-5	Matrix Spike	Solid	GC 25	11/28/18	12/03/18 17:24	181203S011
18-11-2120-5	Matrix Spike Duplicate	Solid	GC 25	11/28/18	12/03/18 17:57	181203S011

Parameter	<u>Sample Conc.</u>	<u>Spike Added</u>	<u>MS Conc.</u>	<u>MS %Rec.</u>	<u>MSD Conc.</u>	<u>MSD %Rec.</u>	<u>%Rec. CL</u>	<u>RPD</u>	<u>RPD CL</u>	<u>Qualifiers</u>
TPH as Gasoline	ND	10.00	8.229	82	8.406	84	48-114	2	0-23	



RPD: Relative Percent Difference. CL: Control Limits



## Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 3050B  
Method: EPA 6010B

Project: 7821 Otis Ave

Page 4 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB3-1'	Sample	Solid	ICP 8300	12/03/18	12/03/18 22:48	181203S03
SB3-1'	Matrix Spike	Solid	ICP 8300	12/03/18	12/03/18 22:49	181203S03
SB3-1'	Matrix Spike Duplicate	Solid	ICP 8300	12/03/18	12/03/18 22:56	181203S03

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	-0.03954	0	-0.9910	0	50-115	185	0-20	3
Arsenic	14.51	25.00	38.22	95	38.10	94	75-125	0	0-20	
Barium	156.1	25.00	190.1	4X	185.8	4X	75-125	4X	0-20	Q
Beryllium	0.7976	25.00	25.89	100	26.00	101	75-125	0	0-20	
Cadmium	ND	25.00	24.62	98	24.71	99	75-125	0	0-20	
Chromium	18.28	25.00	42.94	99	41.87	94	75-125	3	0-20	
Cobalt	12.46	25.00	37.56	100	37.42	100	75-125	0	0-20	
Copper	21.38	25.00	48.91	110	48.12	107	75-125	2	0-20	
Lead	ND	25.00	23.34	93	23.28	93	75-125	0	0-20	
Molybdenum	1.483	25.00	24.88	94	24.64	93	75-125	1	0-20	
Nickel	14.42	25.00	38.62	97	38.47	96	75-125	0	0-20	
Selenium	ND	25.00	23.44	94	22.61	90	75-125	4	0-20	
Silver	ND	12.50	13.79	110	13.96	112	75-125	1	0-20	
Thallium	ND	25.00	14.13	57	15.58	62	75-125	10	0-20	3
Vanadium	39.06	25.00	65.22	105	63.79	99	75-125	2	0-20	
Zinc	65.56	25.00	95.15	118	90.60	100	75-125	5	0-20	

  
Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



**Quality Control - Spike/Spike Duplicate**

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 7471A Total  
Method: EPA 7471A

Project: 7821 Otis Ave

Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB3-1'	Sample	Solid	Mercury 08	12/04/18	12/04/18 14:52	181204S01
SB3-1'	Matrix Spike	Solid	Mercury 08	12/04/18	12/04/18 14:54	181204S01
SB3-1'	Matrix Spike Duplicate	Solid	Mercury 08	12/04/18	12/04/18 14:56	181204S01

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.9921	119	0.9317	112	71-137	6	0-14	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits

## Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: 7821 Otis Ave

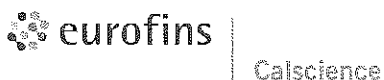
Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
SB1-5'	Sample	Solid	GC/MS Q	11/28/18	11/28/18 14:21	181128S012
SB1-5'	Matrix Spike	Solid	GC/MS Q	11/28/18	11/28/18 15:15	181128S012
SB1-5'	Matrix Spike Duplicate	Solid	GC/MS Q	11/28/18	11/28/18 15:42	181128S012

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Benzene	ND	50.00	46.70	93	47.78	96	61-127	2	0-20	
Carbon Tetrachloride	ND	50.00	45.02	90	46.43	93	51-135	3	0-29	
Chlorobenzene	ND	50.00	47.43	95	49.46	99	57-123	4	0-20	
1,2-Dibromoethane	ND	50.00	52.58	105	55.92	112	64-124	6	0-20	
1,2-Dichlorobenzene	ND	50.00	49.89	100	51.28	103	35-131	3	0-25	
1,2-Dichloroethane	ND	50.00	46.81	94	49.15	98	80-120	5	0-20	
1,1-Dichloroethene	ND	50.00	47.83	96	48.03	96	47-143	0	0-25	
Ethylbenzene	ND	50.00	49.08	98	49.91	100	57-129	2	0-22	
Toluene	ND	50.00	49.12	98	50.63	101	63-123	3	0-20	
Trichloroethene	ND	50.00	50.87	102	52.82	106	44-158	4	0-20	
Vinyl Chloride	ND	50.00	47.51	95	53.04	106	49-139	11	0-47	
p/m-Xylene	ND	100.0	97.06	97	98.90	99	70-130	2	0-30	
o-Xylene	ND	50.00	49.05	98	50.81	102	70-130	4	0-30	
Methyl-t-Butyl Ether (MTBE)	ND	50.00	44.42	89	47.20	94	57-123	6	0-21	


  
 Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Quality Control - LCS

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3550B  
 Method: EPA 8015B (M)

Project: 7821 Otis Ave

Page 1 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-420-3028	LCS	Solid	GC 48	11/30/18	12/03/18 17:45	181130B08

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Motor Oil	400.0	410.0	103	75-123	



RPD: Relative Percent Difference. CL: Control Limits



Quality Control - LCS

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3550B  
 Method: EPA 8015B (M)

Project: 7821 Otis Ave

Page 2 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-422-4022	LCS	Solid	GC 48	11/30/18	12/03/18 17:24	181130B07A

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Diesel	400.0	350.5	88	75-123	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



## Quality Control - LCS/LCSD

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 5030C  
 Method: EPA 8015B (M)

Project: 7821 Otis Ave

Page 3 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number				
099-14-571-4577	LCS	Solid	GC 25	12/03/18	12/03/18 14:03	181203L036				
099-14-571-4577	LCSD	Solid	GC 25	12/03/18	12/03/18 14:36	181203L036				
Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers	
TPH as Gasoline	10.00	10.58	106	10.30	103	70-124	3	0-18		

## Quality Control - LCS/LCSD

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 3050B  
 Method: EPA 6010B

Project: 7821 Otis Ave

Page 4 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-27337	LCS	Solid	ICP 8300	12/03/18	12/03/18 22:44	181203L03
097-01-002-27337	LCSD	Solid	ICP 8300	12/03/18	12/03/18 22:46	181203L03

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Antimony	25.00	20.73	83	21.22	85	80-120	73-127	2	0-20	
Arsenic	25.00	18.40	74	18.84	75	80-120	73-127	2	0-20	ME
Barium	25.00	23.79	95	23.70	95	80-120	73-127	0	0-20	
Beryllium	25.00	21.44	86	21.36	85	80-120	73-127	0	0-20	
Cadmium	25.00	22.23	89	22.22	89	80-120	73-127	0	0-20	
Chromium	25.00	22.19	89	22.16	89	80-120	73-127	0	0-20	
Cobalt	25.00	24.56	98	24.30	97	80-120	73-127	1	0-20	
Copper	25.00	23.63	95	23.50	94	80-120	73-127	1	0-20	
Lead	25.00	23.25	93	23.08	92	80-120	73-127	1	0-20	
Molybdenum	25.00	22.00	88	21.93	88	80-120	73-127	0	0-20	
Nickel	25.00	23.29	93	23.24	93	80-120	73-127	0	0-20	
Selenium	25.00	21.27	85	21.40	86	80-120	73-127	1	0-20	
Silver	12.50	10.31	82	10.28	82	80-120	73-127	0	0-20	
Thallium	25.00	23.74	95	23.33	93	80-120	73-127	2	0-20	
Vanadium	25.00	21.77	87	21.66	87	80-120	73-127	1	0-20	
Zinc	25.00	21.13	85	21.06	84	80-120	73-127	0	0-20	

Total number of LCS compounds: 16

Total number of ME compounds: 1

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



Quality Control - LCS/LCSD

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2033  
 Preparation: EPA 7471A Total  
 Method: EPA 7471A

Project: 7821 Otis Ave

Page 5 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-16-272-4313	LCS	Solid	Mercury 08	12/04/18	12/04/18 14:49	181204L01
099-16-272-4313	LCSD	Solid	Mercury 08	12/04/18	12/04/18 15:50	181204L01

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	0.8350	0.7720	92	0.7960	95	85-121	3	0-10	

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



## Quality Control - LCS

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2033  
Preparation: EPA 5030C  
Method: EPA 8260B

Project: 7821 Otis Ave

Page 6 of 6

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-12-796-14876	LCS	Solid	GC/MS Q	11/28/18	11/28/18 10:29	181128L036
Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Benzene	50.00	53.80	108	80-120	73-127	
Carbon Tetrachloride	50.00	56.06	112	65-137	53-149	
Chlorobenzene	50.00	55.30	111	80-120	73-127	
1,2-Dibromoethane	50.00	54.80	110	80-120	73-127	
1,2-Dichlorobenzene	50.00	54.47	109	80-120	73-127	
1,2-Dichloroethane	50.00	52.18	104	80-120	73-127	
1,1-Dichloroethene	50.00	55.91	112	68-128	58-138	
Ethylbenzene	50.00	56.84	114	80-120	73-127	
Toluene	50.00	56.61	113	80-120	73-127	
Trichloroethene	50.00	58.27	117	80-120	73-127	
Vinyl Chloride	50.00	53.45	107	67-127	57-137	
p/m-Xylene	100.0	112.1	112	75-125	67-133	
o-Xylene	50.00	56.40	113	75-125	67-133	
Methyl-t-Butyl Ether (MTBE)	50.00	43.80	88	70-124	61-133	

Total number of LCS compounds: 14

Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

Return to Contents ↑

RPD: Relative Percent Difference. CL: Control Limits

## Sample Analysis Summary Report

Work Order: 18-11-2033

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 6010B	EPA 3050B	771	ICP 8300	1
EPA 7471A	EPA 7471A Total	868	Mercury 08	1
EPA 8015B (M)	EPA 3550B	1028	GC 48	1
EPA 8015B (M)	EPA 5030C	607	GC 25	2
EPA 8260B	EPA 5030C	316	GC/MS Q	2

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841

Location 2: 7445 Lampson Avenue, Garden Grove, CA 92841

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.





Calscience

7440 Lincoln Way, Garden Grove, CA 92641-1427 • (714) 895-5494  
For courier service / sample drop off information, contact us26\_sales@eurofins.com or call us.  
LABORATORY CLIENT:

Encon Technologies Inc.

ADDRESS: 12145 Moss Dr. #7

CITY: Santa Fe Springs CA ZIP: 90670

TEL: (562) 777 2200 email: encon@encontech.net

TURNAROUND TIME (Rush surcharges may apply to any TAT not 'STANDARD'):

SAME DAY  24 HR  48 HR  72 HR  5 DAYS  STANDARD

COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

# CHAIN OF CUSTODY RECORD

VOID IF LAB USE ONLY

## 18-11-2033

DATE: 11-27-18

PAGE: 1 OF 3

CLIENT PROJECT NAME / NUMBER:

7821 Otis Ave

P.O. NO.:

PROJECT CONTACT:

Joe Scatoloni

SAMPLER(S), (PRINT)

N. Lambert

### REQUESTED ANALYSES

Please check box or fill in blank as needed.

<input checked="" type="checkbox"/> TPH (g) <input type="checkbox"/> GRO	<input checked="" type="checkbox"/> TPH (g) <input type="checkbox"/> DRO	<input type="checkbox"/> TPH <input type="checkbox"/> C6-C8 <input type="checkbox"/> C6-C14	<input checked="" type="checkbox"/> TPH waste oil	<input type="checkbox"/> BTEX / MTBE <input type="checkbox"/> B260 <input type="checkbox"/>	<input checked="" type="checkbox"/> VOCs (B260)	<input type="checkbox"/> Oxygenates (B260)	<input type="checkbox"/> Prep (S035) <input type="checkbox"/> En Core <input type="checkbox"/> Terra Core	<input type="checkbox"/> SVOCs (B270)	<input type="checkbox"/> Pesticides (B081)	<input type="checkbox"/> PCBs (B082)	<input type="checkbox"/> PAHs <input type="checkbox"/> B270 <input type="checkbox"/> B270 SIM	<input checked="" type="checkbox"/> T22 Metals <input checked="" type="checkbox"/> B010/747X <input type="checkbox"/> B020/747X	<input type="checkbox"/> Cr(VI) <input type="checkbox"/> B196 <input type="checkbox"/> B199 <input type="checkbox"/> B218.6
--	--	---	---	---	---	--	---	---------------------------------------	--	--------------------------------------	---	---	---

Received by: (Signature/Affiliation)

Received by: (Signature/Affiliation)

Received by: (Signature/Affiliation)

Date: 11/27/18

Date: 11/27/18

Date: 11/27/18

Relinquished by: (Signature)

Relinquished by: (Signature)

Relinquished by: (Signature)

Time: 1830

Time: 1830

Time: 1830





**SAMPLE RECEIPT CHECKLIST**

COOLER 1 OF 1

CLIENT: Encon Tech

DATE: 11/27/2018

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: 0.0°C); Temperature (w/o CF): 5.0 °C (w/ CF): 5.0 °C;  Blank  Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature:  Air  Filter

Checked by: UNLC

**CUSTODY SEAL:**

Cooler  Present and Intact  Present but Not Intact  Not Present  N/A Checked by: UNLC

Sample(s)  Present and Intact  Present but Not Intact  Not Present  N/A Checked by: UNLC

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input type="checkbox"/> Matrix <input type="checkbox"/> Number of containers			
<input type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time			
Sampler's name indicated on COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and in good condition .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient volume/mass for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples for certain analyses received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation chemical(s) noted on COC and/or sample container .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unpreserved aqueous sample(s) received for certain analyses			
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input type="checkbox"/> Dissolved Metals			
Acid/base preserved samples - pH within acceptable range .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Container(s) for certain analysis free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500)			
<input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:**

(Trip Blank Lot Number: \_\_\_\_\_)

Aqueous:  VOA  VOA<sub>h</sub>  VOA<sub>na2</sub>  100PJ  100PJ<sub>na2</sub>  125AGB  125AGB<sub>h</sub>  125AGB<sub>p</sub>  125PB  125PB<sub>znna</sub> (pH\_\_9)  
 250AGB  250CGB  250CGB<sub>s</sub> (pH\_\_2)  250PB  250PB<sub>n</sub> (pH\_\_2)  500AGB  500AGJ  500AGJ<sub>s</sub> (pH\_\_2)  500PB  
 1AGB  1AGB<sub>na2</sub>  1AGB<sub>s</sub> (pH\_\_2)  1AGB<sub>s</sub> (O&G)  1PB  1PB<sub>na</sub> (pH\_\_12)  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  
 Solid:  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (P)  EnCores® (\_\_\_\_)  TerraCores® (\_\_\_\_)  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  
 Air:  Tedlar™  Canister  Sorbent Tube  PUF  \_\_\_\_\_ Other Matrix (\_\_\_\_):  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

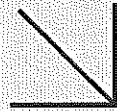
Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO<sub>3</sub>, na = NaOH, na<sub>2</sub> = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, p = H<sub>3</sub>PO<sub>4</sub>, Labeled/Checked by: UNLC

s = H<sub>2</sub>SO<sub>4</sub>, u = ultra-pure, x = Na<sub>2</sub>SO<sub>3</sub>+NaHSO<sub>4</sub>.H<sub>2</sub>O, znna = Zn (CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH Reviewed by: H4MW

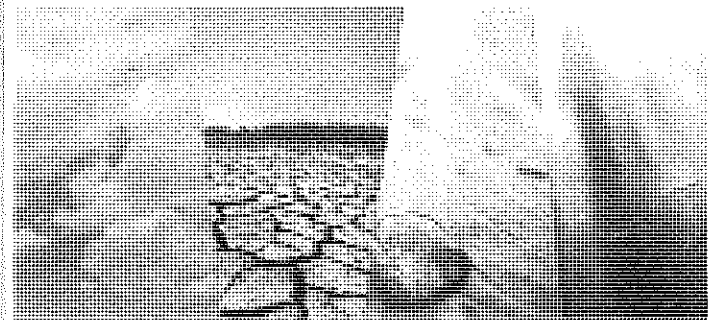


Calscience



**WORK ORDER NUMBER: 18-11-2032**

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** ENCON Technologies, Inc.

**Client Project Name:** 7821 Otis Ave

**Attention:** Joe Scatoloni  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Approved for release on 12/05/2018 by:  
Don Burley  
Project Manager

ResultLink ▶

Email your PM ▶

Eurofins Calscience (Calscience) certifies that the test results provided in this report meet all NELAC Institute requirements for parameters for which accreditation is required or available. Any exceptions to NELAC Institute requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.



Calscience

# Contents

Client Project Name: 7821 Otis Ave  
Work Order Number: 18-11-2032

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Client Sample Data. . . . .	5
	3.1 EPA 8015B (M) TPH Motor Oil (Solid). . . . .	5
	3.2 EPA 6010B/7471A CAC Title 22 Metals (Solid). . . . .	6
	3.3 EPA 7471A Mercury (Solid). . . . .	9
	3.4 EPA 8270C SIM PAHs (Solid). . . . .	10
4	Quality Control Sample Data. . . . .	13
	4.1 MS/MSD. . . . .	13
	4.2 LCS/LCSD. . . . .	17
5	Sample Analysis Summary. . . . .	21
6	Glossary of Terms and Qualifiers. . . . .	22
7	Chain-of-Custody/Sample Receipt Form. . . . .	23



**Work Order Narrative**

---

Work Order: 18-11-2032

Page 1 of 1

---

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 11/27/18. They were assigned to Work Order 18-11-2032.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**DoD Projects:**

The test results contained in this report are accredited under the laboratory's ISO/IEC 17025:2005 and DoD-ELAP accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation ADE-1864.



Calscience

### Sample Summary

<p>Client: ENCON Technologies, Inc.          12145 Mora Drive, Suite 7          Santa Fe Springs, CA 90670-6055</p>	<p>Work Order: 18-11-2032          Project Name: 7821 Otis Ave          PO Number:          Date/Time Received: 11/27/18 18:26          Number of Containers: 2</p>
---	---

Attn: Joe Scatoloni

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
GS1	18-11-2032-1	11/27/18 16:30	1	Solid
GS2	18-11-2032-2	11/27/18 16:22	1	Solid



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 3550B  
Method: EPA 8015B (M)  
Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time, Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>GS1</b>	<b>18-11-2032-1-A</b>	<b>11/27/18 16:30</b>	<b>Solid</b>	<b>GC 47</b>	<b>11/27/18</b>	<b>11/28/18 16:02</b>	<b>181127B09</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		550		26		1.00	HD
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		108		61-145			
<b>GS2</b>	<b>18-11-2032-2-A</b>	<b>11/27/18 16:22</b>	<b>Solid</b>	<b>GC 47</b>	<b>11/27/18</b>	<b>11/28/18 16:23</b>	<b>181127B09</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		640		26		1.00	HD
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		108		61-145			
<b>Method Blank</b>	<b>099-15-420-3017</b>	<b>N/A</b>	<b>Solid</b>	<b>GC 47</b>	<b>11/27/18</b>	<b>11/28/18 11:04</b>	<b>181127B09</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		25		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		109		61-145			

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GS1	18-11-2032-1-A	11/27/18 16:30	Solid	ICP 8300	11/28/18	11/29/18 10:55	181127L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.754	1.01	
Arsenic	1.20	0.754	1.01	
Barium	31.1	0.503	1.01	
Beryllium	0.254	0.251	1.01	
Cadmium	ND	0.503	1.01	
Chromium	4.12	0.251	1.01	
Cobalt	1.06	0.251	1.01	
Copper	7.89	0.503	1.01	
Lead	2.27	0.503	1.01	
Molybdenum	0.549	0.251	1.01	
Nickel	2.39	0.251	1.01	
Selenium	ND	0.754	1.01	
Silver	ND	0.251	1.01	
Thallium	ND	0.754	1.01	
Vanadium	2.24	0.251	1.01	
Zinc	56.5	1.01	1.01	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2032  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GS2	18-11-2032-2-A	11/27/18 16:22	Solid	ICP 8300	11/28/18	11/29/18 10:57	181127L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.735	0.980	
Arsenic	0.914	0.735	0.980	
Barium	31.1	0.490	0.980	
Beryllium	0.312	0.245	0.980	
Cadmium	ND	0.490	0.980	
Chromium	2.59	0.245	0.980	
Cobalt	1.16	0.245	0.980	
Copper	5.95	0.490	0.980	
Lead	2.30	0.490	0.980	
Molybdenum	0.462	0.245	0.980	
Nickel	2.10	0.245	0.980	
Selenium	ND	0.735	0.980	
Silver	ND	0.245	0.980	
Thallium	ND	0.735	0.980	
Vanadium	2.70	0.245	0.980	
Zinc	29.0	0.980	0.980	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	097-01-002-27317	N/A	Solid	ICP 8300	11/27/18	11/27/18 16:16	181127L04

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.721	0.962	
Arsenic	ND	0.721	0.962	
Barium	ND	0.481	0.962	
Beryllium	ND	0.240	0.962	
Cadmium	ND	0.481	0.962	
Chromium	ND	0.240	0.962	
Cobalt	ND	0.240	0.962	
Copper	ND	0.481	0.962	
Lead	ND	0.481	0.962	
Molybdenum	ND	0.240	0.962	
Nickel	ND	0.240	0.962	
Selenium	ND	0.721	0.962	
Silver	ND	0.240	0.962	
Thallium	ND	0.721	0.962	
Vanadium	ND	0.240	0.962	
Zinc	ND	0.962	0.962	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.





Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 7471A Total  
Method: EPA 7471A  
Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 1

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>GS1</b>	<b>18-11-2032-1-A</b>	<b>11/27/18 16:30</b>	<b>Solid</b>	<b>Mercury 07</b>	<b>11/28/18</b>	<b>11/28/18 15:42</b>	<b>181128L03</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0862		1.00	
<b>GS2</b>	<b>18-11-2032-2-A</b>	<b>11/27/18 16:22</b>	<b>Solid</b>	<b>Mercury 07</b>	<b>11/28/18</b>	<b>11/28/18 15:44</b>	<b>181128L03</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0862		1.00	
<b>Method Blank</b>	<b>099-16-272-4302</b>	<b>N/A</b>	<b>Solid</b>	<b>Mercury 07</b>	<b>11/28/18</b>	<b>11/28/18 15:26</b>	<b>181128L03</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0833		1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 3545  
Method: EPA 8270C SIM PAHs  
Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GS1	18-11-2032-1-A	11/27/18 16:30	Solid	GC/MS AAA	11/28/18	11/29/18 13:40	181128L17

Parameter	Result	RL	DF	Qualifiers
2-Methylnaphthalene	0.51	0.020	1.00	
1-Methylnaphthalene	0.47	0.020	1.00	
Acenaphthylene	0.033	0.020	1.00	
Acenaphthene	ND	0.020	1.00	
Fluorene	0.11	0.020	1.00	
Phenanthrene	0.34	0.020	1.00	
Anthracene	0.13	0.020	1.00	
Fluoranthene	0.090	0.020	1.00	
Pyrene	0.067	0.020	1.00	
Benzo (a) Anthracene	ND	0.020	1.00	
Chrysene	0.030	0.020	1.00	
Benzo (k) Fluoranthene	ND	0.020	1.00	
Benzo (b) Fluoranthene	ND	0.020	1.00	
Benzo (a) Pyrene	ND	0.020	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.020	1.00	
Dibenz (a,h) Anthracene	ND	0.020	1.00	
Benzo (g,h,i) Perylene	ND	0.020	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorobiphenyl	104	22-130	
Nitrobenzene-d5	98	20-145	
p-Terphenyl-d14	96	33-147	

GS1	18-11-2032-1-A	11/27/18 16:30	Solid	GC/MS AAA	11/28/18	11/29/18 15:00	181128L17
-----	----------------	-------------------	-------	-----------	----------	-------------------	-----------

Parameter	Result	RL	DF	Qualifiers
Naphthalene	2.7	0.099	5.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorobiphenyl	104	22-130	
Nitrobenzene-d5	79	20-145	
p-Terphenyl-d14	94	33-147	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 3545  
Method: EPA 8270C SIM PAHs  
Units: mg/kg

Project: 7821 Otis Ave

Page 2 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
GS2	18-11-2032-2-A	11/27/18 16:22	Solid	GC/MS AAA	11/28/18	11/29/18 14:00	181128L17

Parameter	Result	RL	DF	Qualifiers
Naphthalene	1.9	0.039	2.00	
2-Methylnaphthalene	0.39	0.039	2.00	
1-Methylnaphthalene	0.39	0.039	2.00	
Acenaphthylene	ND	0.039	2.00	
Acenaphthene	ND	0.039	2.00	
Fluorene	0.099	0.039	2.00	
Phenanthrene	0.61	0.039	2.00	
Anthracene	0.13	0.039	2.00	
Fluoranthene	0.22	0.039	2.00	
Pyrene	0.23	0.039	2.00	
Benzo (a) Anthracene	0.057	0.039	2.00	
Chrysene	0.11	0.039	2.00	
Benzo (k) Fluoranthene	ND	0.039	2.00	
Benzo (b) Fluoranthene	ND	0.039	2.00	
Benzo (a) Pyrene	ND	0.039	2.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.039	2.00	
Dibenz (a,h) Anthracene	ND	0.039	2.00	
Benzo (g,h,i) Perylene	ND	0.039	2.00	
Surrogate	Rec. (%)	Control Limits	Qualifiers	
2-Fluorobiphenyl	94	22-130		
Nitrobenzene-d5	74	20-145		
p-Terphenyl-d14	90	33-147		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 3545  
Method: EPA 8270C SIM PAHs  
Units: mg/kg

Project: 7821 Otis Ave

Page 3 of 3

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-06-010-2981	N/A	Solid	GC/MS AAA	11/28/18	11/29/18 12:23	181128L17

Parameter	Result	RL	DF	Qualifiers
Naphthalene	ND	0.020	1.00	
2-Methylnaphthalene	ND	0.020	1.00	
1-Methylnaphthalene	ND	0.020	1.00	
Acenaphthylene	ND	0.020	1.00	
Acenaphthene	ND	0.020	1.00	
Fluorene	ND	0.020	1.00	
Phenanthrene	ND	0.020	1.00	
Anthracene	ND	0.020	1.00	
Fluoranthene	ND	0.020	1.00	
Pyrene	ND	0.020	1.00	
Benzo (a) Anthracene	ND	0.020	1.00	
Chrysene	ND	0.020	1.00	
Benzo (k) Fluoranthene	ND	0.020	1.00	
Benzo (b) Fluoranthene	ND	0.020	1.00	
Benzo (a) Pyrene	ND	0.020	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.020	1.00	
Dibenz (a,h) Anthracene	ND	0.020	1.00	
Benzo (g,h,i) Perylene	ND	0.020	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorobiphenyl	115	22-130	
Nitrobenzene-d5	106	20-145	
p-Terphenyl-d14	122	33-147	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2032  
 Preparation: EPA 3550B  
 Method: EPA 8015B (M)

Project: 7821 Otis Ave

Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number				
18-11-1660-2	Sample	Solid	GC 47	11/27/18	11/28/18 13:54	181127S09				
18-11-1660-2	Matrix Spike	Solid	GC 47	11/27/18	11/28/18 13:12	181127S09				
18-11-1660-2	Matrix Spike Duplicate	Solid	GC 47	11/27/18	11/28/18 13:33	181127S09				
Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	ND	400.0	530.5	133	538.6	135	64-130	2	0-15	3

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 3050B  
Method: EPA 6010B

Project: 7821 Otis Ave

Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
18-11-1944-1	Sample	Solid	ICP 8300	11/27/18	11/27/18 16:34	181127S04
18-11-1944-1	Matrix Spike	Solid	ICP 8300	11/27/18	11/27/18 16:23	181127S04
18-11-1944-1	Matrix Spike Duplicate	Solid	ICP 8300	11/27/18	11/27/18 16:25	181127S04

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	25.21	101	23.90	96	50-115	5	0-20	
Arsenic	ND	25.00	22.04	88	21.48	86	75-125	3	0-20	
Barium	ND	25.00	27.45	110	26.98	108	75-125	2	0-20	
Beryllium	0.4010	25.00	24.70	97	23.91	94	75-125	3	0-20	
Cadmium	ND	25.00	26.15	105	25.33	101	75-125	3	0-20	
Chromium	0.7833	25.00	25.37	98	24.84	96	75-125	2	0-20	
Cobalt	ND	25.00	27.36	109	26.66	107	75-125	3	0-20	
Copper	ND	25.00	25.46	102	25.05	100	75-125	2	0-20	
Lead	ND	25.00	26.74	107	26.01	104	75-125	3	0-20	
Molybdenum	ND	25.00	23.12	92	22.69	91	75-125	2	0-20	
Nickel	0.3854	25.00	26.65	105	26.04	103	75-125	2	0-20	
Selenium	ND	25.00	15.74	63	15.75	63	75-125	0	0-20	3
Silver	ND	12.50	12.03	96	11.56	92	75-125	4	0-20	
Thallium	ND	25.00	23.28	93	22.59	90	75-125	3	0-20	
Vanadium	87.75	25.00	122.6	139	107.5	79	75-125	13	0-20	3
Zinc	4.853	25.00	31.30	106	30.20	101	75-125	4	0-20	

RPD: Relative Percent Difference. CL: Control Limits





Calscience

## Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 7471A Total  
Method: EPA 7471A

Project: 7821 Otis Ave

Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
18-11-2031-1	Sample	Solid	Mercury 07	11/28/18	11/28/18 15:30	181128S03
18-11-2031-1	Matrix Spike	Solid	Mercury 07	11/28/18	11/28/18 15:33	181128S03
18-11-2031-1	Matrix Spike Duplicate	Solid	Mercury 07	11/28/18	11/28/18 15:35	181128S03

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8334	0.9105	109	0.8891	107	71-137	2	0-14	

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 3545  
Method: EPA 8270C SIM PAHs

Project: 7821 Otis Ave

Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
GS1	Sample	Solid	GC/MS AAA	11/28/18	11/29/18 15:00	181128S17
GS1	Matrix Spike	Solid	GC/MS AAA	11/28/18	11/29/18 13:02	181128S17
GS1	Matrix Spike Duplicate	Solid	GC/MS AAA	11/28/18	11/29/18 13:21	181128S17

Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Naphthalene	2.715	0.2000	2.160	0	2.056	0	20-150	5	0-33	3
2-Methylnaphthalene	0.5051	0.2000	0.6251	60	0.6207	58	29-137	1	0-31	
1-Methylnaphthalene	0.4654	0.2000	0.5529	44	0.5469	41	34-136	1	0-29	
Acenaphthylene	0.03341	0.2000	0.1990	83	0.1966	82	29-131	1	0-32	
Acenaphthene	ND	0.2000	0.1843	92	0.1771	89	29-137	4	0-28	
Fluorene	0.1134	0.2000	0.2721	79	0.2674	77	36-132	2	0-27	
Phenanthrene	0.3433	0.2000	0.4683	63	0.4540	55	20-144	3	0-27	
Anthracene	0.1336	0.2000	0.2737	70	0.2645	65	26-134	3	0-27	
Fluoranthene	0.08984	0.2000	0.2344	72	0.2242	67	20-151	4	0-26	
Pyrene	0.06739	0.2000	0.1878	60	0.1775	55	20-150	6	0-32	
Benzo (a) Anthracene	ND	0.2000	0.06911	35	0.06768	34	24-150	2	0-24	
Chrysene	0.02960	0.2000	0.08420	27	0.08113	26	25-145	4	0-28	
Benzo (k) Fluoranthene	ND	0.2000	0.03129	16	0.03547	18	28-148	13	0-26	3
Benzo (b) Fluoranthene	ND	0.2000	0.03479	17	0.03646	18	21-153	5	0-26	3
Benzo (a) Pyrene	ND	0.2000	0.02339	12	0.02299	11	29-149	2	0-22	3
Indeno (1,2,3-c,d) Pyrene	ND	0.2000	0.009802	5	0.009881	5	20-154	1	0-25	3
Dibenz (a,h) Anthracene	ND	0.2000	0.01250	6	0.01301	7	20-132	4	0-26	3
Benzo (g,h,i) Perylene	ND	0.2000	0.01186	6	0.01279	6	20-148	8	0-27	3

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - LCS

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: 7821 Otis Ave

Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-420-3017	LCS	Solid	GC 47	11/27/18	11/28/18 15:20	181127B09

Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	Qualifiers
TPH as Motor Oil	400.0	479.8	120	75-123	

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - LCS/LCSD

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 3050B  
Method: EPA 6010B

Project: 7821 Otis Ave

Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-27317	LCS	Solid	ICP 8300	11/27/18	11/27/18 16:18	181127L04
097-01-002-27317	LCSD	Solid	ICP 8300	11/27/18	11/27/18 16:21	181127L04

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Antimony	25.00	20.44	82	20.85	83	80-120	73-127	2	0-20	
Arsenic	25.00	19.03	76	19.65	79	80-120	73-127	3	0-20	ME
Barium	25.00	24.73	99	24.46	98	80-120	73-127	1	0-20	
Beryllium	25.00	22.26	89	22.01	88	80-120	73-127	1	0-20	
Cadmium	25.00	23.71	95	23.48	94	80-120	73-127	1	0-20	
Chromium	25.00	23.97	96	23.61	94	80-120	73-127	1	0-20	
Cobalt	25.00	25.79	103	25.53	102	80-120	73-127	1	0-20	
Copper	25.00	24.01	96	23.80	95	80-120	73-127	1	0-20	
Lead	25.00	25.00	100	24.79	99	80-120	73-127	1	0-20	
Molybdenum	25.00	21.18	85	21.07	84	80-120	73-127	1	0-20	
Nickel	25.00	24.93	100	24.59	98	80-120	73-127	1	0-20	
Selenium	25.00	21.66	87	21.32	85	80-120	73-127	2	0-20	
Silver	12.50	10.57	85	10.44	84	80-120	73-127	1	0-20	
Thallium	25.00	23.84	95	24.10	96	80-120	73-127	1	0-20	
Vanadium	25.00	22.55	90	22.38	90	80-120	73-127	1	0-20	
Zinc	25.00	23.50	94	23.26	93	80-120	73-127	1	0-20	

Total number of LCS compounds: 16

Total number of ME compounds: 1

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

## Quality Control - LCS

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 7471A Total  
Method: EPA 7471A

Project: 7821 Otis Ave

Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-16-272-4302	LCS	Solid	Mercury 07	11/28/18	11/28/18 15:28	181128L03

<u>Parameter</u>	<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Mercury	0.8350	0.8226	99	85-121	

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - LCS

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2032  
Preparation: EPA 3545  
Method: EPA 8270C SIM PAHs

Project: 7821 Otis Ave

Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number	
099-06-010-2981	LCS	Solid	GC/MS AAA	11/28/18	11/29/18 12:42	181128L17	
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>ME CL</u>	<u>Qualifiers</u>
Naphthalene		0.2000	0.1861	93	51-129	38-142	
2-Methylnaphthalene		0.2000	0.2119	106	50-127	37-140	
1-Methylnaphthalene		0.2000	0.1754	88	54-132	41-145	
Acenaphthylene		0.2000	0.1892	95	50-123	38-135	
Acenaphthene		0.2000	0.1803	90	53-125	41-137	
Fluorene		0.2000	0.1793	90	55-127	43-139	
Phenanthrene		0.2000	0.1833	92	50-122	38-134	
Anthracene		0.2000	0.1814	91	50-132	36-146	
Fluoranthene		0.2000	0.1930	96	55-127	43-139	
Pyrene		0.2000	0.1904	95	50-134	36-148	
Benzo (a) Anthracene		0.2000	0.1922	96	50-133	36-147	
Chrysene		0.2000	0.1943	97	51-129	38-142	
Benzo (k) Fluoranthene		0.2000	0.2011	101	49-150	32-167	
Benzo (b) Fluoranthene		0.2000	0.1885	94	50-142	35-157	
Benzo (a) Pyrene		0.2000	0.2234	112	50-134	36-148	
Indeno (1,2,3-c,d) Pyrene		0.2000	0.2172	109	50-148	34-164	
Dibenz (a,h) Anthracene		0.2000	0.2267	113	50-133	36-147	
Benzo (g,h,i) Perylene		0.2000	0.2241	112	50-130	37-143	

Total number of LCS compounds: 18

Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Sample Analysis Summary Report

Work Order: 18-11-2032

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 6010B	EPA 3050B	1080	ICP 8300	1
EPA 7471A	EPA 7471A Total	868	Mercury 07	1
EPA 8015B (M)	EPA 3550B	1028	GC 47	1
EPA 8270C SIM PAHs	EPA 3545	928	GC/MS AAA	1

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841



## Glossary of Terms and Qualifiers

Work Order: 18-11-2032

Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.



Calscience

7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494  
 For courier service / sample drop off information, contact us26\_sales@eurofins.com or call us.

# CHAIN OF CUSTODY RECORD

DATE: 11-27-18

PAGE: 1 OF 1

WO # / LAB USE ONLY  
**18-11-2032**

LABORATORY CLIENT:

Encon Technologies, Inc.

ADDRESS: 12145 Mesa Dr. #7

CITY: Santa Fe Springs

STATE: CA

ZIP: 90670

TEL: 562 777 2200 EMAIL: encon@encontech.net

CLIENT PROJECT NAME / NUMBER:

7821 Otis Ave

PROJECT CONTACT:

Joe Scatoloni

P.O. NO.:

SAMPLER(S) (PRINT)

N. Lambert

## REQUESTED ANALYSES

Please check box or fill in blank as needed.


LAB USE ONLY	SAMPLE ID	SAMPLING		MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered
		DATE	TIME					
1	GS1	11-27-18	16:30	SO1	1	X	X	X
2	GS2	11-27-18	16:22	SO1	1	X	X	X

TPH waste oil  
 PAHs 8270  
 T22 Metals 6010

UNPRESERVED  
 PRESERVED  
 FIELD FILTERED

LOG CODE: 1

SPECIAL INSTRUCTIONS:

Relinquished by: (Signature)  Received by: (Signature/Affiliation)  CC  
 Relinquished by: (Signature) Received by: (Signature/Affiliation)  
 Relinquished by: (Signature) Received by: (Signature/Affiliation)

Date: 11-27-18 Date: 11-27-18 Date: 11-27-18  
 Time: 18:26 Time: Time:

**SAMPLE RECEIPT CHECKLIST**

COOLER 1 OF 1

CLIENT: Encon Tech

DATE: 11/27/2018

TEMPERATURE: (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: 0.0°C); Temperature (w/o CF): 5.0 °C (w/ CF): 5.0 °C;  Blank  Sample

Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)

Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling

Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature:  Air  Filter

Checked by: UNRC

**CUSTODY SEAL:**

Cooler  Present and Intact  Present but Not Intact  Not Present  N/A

Checked by: UNRC

Sample(s)  Present and Intact  Present but Not Intact  Not Present  N/A

Checked by: UNRC

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input type="checkbox"/> Matrix <input type="checkbox"/> Number of containers			
<input type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time			
Sampler's name indicated on COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and in good condition .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient volume/mass for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples for certain analyses received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation chemical(s) noted on COC and/or sample container .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unpreserved aqueous sample(s) received for certain analyses			
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input type="checkbox"/> Dissolved Metals			
Acid/base preserved samples - pH within acceptable range .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Container(s) for certain analysis free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500)			
<input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:**

(Trip Blank Lot Number: \_\_\_\_\_)

Aqueous:  VOA  VOA<sub>h</sub>  VOA<sub>na2</sub>  100PJ  100PJ<sub>na2</sub>  125AGB  125AGB<sub>h</sub>  125AGB<sub>p</sub>  125PB  125PB<sub>znna</sub> (pH\_\_9)

250AGB  250CGB  250CGB<sub>s</sub> (pH\_\_2)  250PB  250PB<sub>n</sub> (pH\_\_2)  500AGB  500AGJ  500AGJ<sub>s</sub> (pH\_\_2)  500PB

1AGB  1AGB<sub>na2</sub>  1AGB<sub>s</sub> (pH\_\_2)  1AGB<sub>s</sub> (O&G)  1PB  1PB<sub>na</sub> (pH\_\_12)  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

Solid:  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (P)  EnCores® (\_\_\_\_)  TerraCores® (\_\_\_\_)  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

Air:  Tedlar™  Canister  Sorbent Tube  PUF  \_\_\_\_\_ Other Matrix (\_\_\_\_):  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO<sub>3</sub>, na = NaOH, na<sub>2</sub> = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, p = H<sub>3</sub>PO<sub>4</sub>, Labeled/Checked by: UNRC

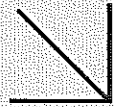
s = H<sub>2</sub>SO<sub>4</sub>, u = ultra-pure, x = Na<sub>2</sub>SO<sub>3</sub>+NaHSO<sub>4</sub>.H<sub>2</sub>O, znna = Zn (CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH Reviewed by: UGU



Calscience

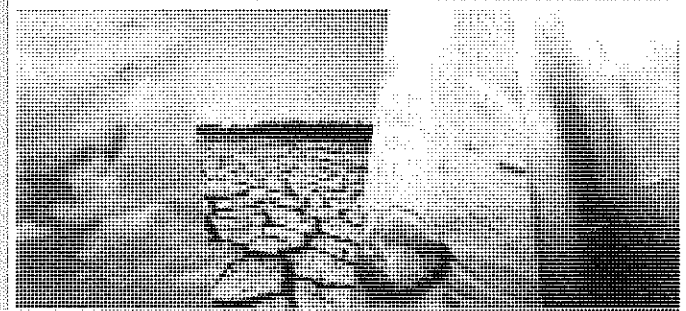
Supplemental Report 1

The original report has been revised/corrected.



**WORK ORDER NUMBER: 18-11-2034**

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** ENCON Technologies, Inc.

**Client Project Name:** 7821 Otis Ave

**Attention:** Joe Scatoloni

12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Approved for release on 12/13/2018 by:  
Don Burley  
Project Manager

ResultLink ▶

Email your PM ▶

Eurofins Calscience (Calscience) certifies that the test results provided in this report meet all NELAC Institute requirements for parameters for which accreditation is required or available. Any exceptions to NELAC Institute requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.

# Contents

---

Client Project Name: 7821 Otis Ave  
Work Order Number: 18-11-2034

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Client Sample Data. . . . .	5
	3.1 EPA TO-15 (M) Full List + Oxygenates (Air). . . . .	5
4	Quality Control Sample Data. . . . .	17
	4.1 LCS/LCSD. . . . .	17
5	Sample Analysis Summary. . . . .	19
6	Glossary of Terms and Qualifiers. . . . .	20
7	Chain-of-Custody/Sample Receipt Form. . . . .	21

---

Work Order: 18-11-2034

Page 1 of 1

---

**Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 11/27/18. They were assigned to Work Order 18-11-2034.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

**Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

**Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

**Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.


**Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

**DoD Projects:**

The test results contained in this report are accredited under the laboratory's ISO/IEC 17025:2005 and DoD-ELAP accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation ADE-1864.

  
Return to Contents

## Sample Summary

Client: ENCON Technologies, Inc.	Work Order: 18-11-2034
12145 Mora Drive, Suite 7	Project Name: 7821 Otis Ave
Santa Fe Springs, CA 90670-6055	PO Number:
	Date/Time Received: 11/27/18 18:30
	Number of Containers: 5

Attn: Joe Scatoloni

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
SV1-5'	18-11-2034-1	11/27/18 15:42	1	Air
SV2-5'	18-11-2034-2	11/27/18 15:31	1	Air
SV3-5'	18-11-2034-3	11/27/18 16:05	1	Air
SV4-5'	18-11-2034-4	11/27/18 15:52	1	Air
SV5-5'	18-11-2034-5	11/27/18 15:20	1	Air



## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2034  
 Preparation: N/A  
 Method: EPA TO-15M  
 Units: ug/L

Project: 7821 Otis Ave

Page 1 of 12

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SV1-5'	18-11-2034-1-A	11/27/18 15:42	Air	GC/MS ZZ	N/A	11/28/18 22:28	181128L02

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	0.12	1.00	
Benzene	0.0037	0.0016	1.00	
Benzyl Chloride	ND	0.0078	1.00	
Bromodichloromethane	ND	0.0034	1.00	
Bromoform	ND	0.0052	1.00	
Bromomethane	ND	0.0019	1.00	
2-Butanone	0.037	0.0044	1.00	
Carbon Disulfide	ND	0.031	1.00	
Carbon Tetrachloride	ND	0.0031	1.00	
Chlorobenzene	ND	0.0023	1.00	
Chloroethane	ND	0.0013	1.00	
Chloroform	ND	0.0024	1.00	
Chloromethane	ND	0.0010	1.00	
Dibromochloromethane	ND	0.0043	1.00	
Dichlorodifluoromethane	ND	0.0025	1.00	
1,1-Dichloroethane	0.0060	0.0020	1.00	
1,1-Dichloroethene	0.0051	0.0020	1.00	
1,2-Dibromoethane	ND	0.0038	1.00	
Dichlorotetrafluoroethane	ND	0.014	1.00	
1,2-Dichlorobenzene	ND	0.0030	1.00	
1,2-Dichloroethane	ND	0.0020	1.00	
1,2-Dichloropropane	ND	0.0023	1.00	
1,3-Dichlorobenzene	ND	0.0030	1.00	
1,4-Dichlorobenzene	ND	0.0030	1.00	
c-1,3-Dichloropropene	ND	0.0023	1.00	
c-1,2-Dichloroethene	0.018	0.0020	1.00	
t-1,2-Dichloroethene	ND	0.0020	1.00	
t-1,3-Dichloropropene	ND	0.0045	1.00	
Ethylbenzene	0.0048	0.0022	1.00	
4-Ethyltoluene	0.019	0.0025	1.00	
Hexachloro-1,3-Butadiene	ND	0.016	1.00	
2-Hexanone	0.017	0.0061	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1.00	
Methylene Chloride	ND	0.017	1.00	
4-Methyl-2-Pentanone	ND	0.0061	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2034  
 Preparation: N/A  
 Method: EPA TO-15M  
 Units: ug/L

Project: 7821 Otis Ave

Page 2 of 12

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
o-Xylene	0.0089	0.0022	1.00	
p/m-Xylene	0.020	0.0087	1.00	
Styrene	ND	0.0064	1.00	
Tetrachloroethene	0.13	0.0034	1.00	
Toluene	ND	0.019	1.00	
Trichloroethene	0.0085	0.0027	1.00	
Trichlorofluoromethane	ND	0.0056	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.011	1.00	
1,1,1-Trichloroethane	ND	0.0027	1.00	
1,1,2-Trichloroethane	ND	0.0027	1.00	
1,3,5-Trimethylbenzene	0.019	0.0025	1.00	
1,1,2,2-Tetrachloroethane	ND	0.0069	1.00	
1,2,4-Trimethylbenzene	0.047	0.0074	1.00	
1,2,4-Trichlorobenzene	ND	0.015	1.00	
Vinyl Acetate	ND	0.0070	1.00	
Vinyl Chloride	ND	0.0013	1.00	
Isopropanol	ND	0.12	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	93	57-129		
1,2-Dichloroethane-d4	80	47-137		
Toluene-d8	90	78-156		


  
 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2034  
Preparation: N/A  
Method: EPA TO-15M  
Units: ug/L

Project: 7821 Otis Ave

Page 3 of 12

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SV2-5'	18-11-2034-2-A	11/27/18 15:31	Air	GC/MS ZZ	N/A	11/28/18 20:01	181128L02

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	0.12	1.00	
Benzene	0.0024	0.0016	1.00	
Benzyl Chloride	ND	0.0078	1.00	
Bromodichloromethane	ND	0.0034	1.00	
Bromoform	ND	0.0052	1.00	
Bromomethane	ND	0.0019	1.00	
2-Butanone	0.0091	0.0044	1.00	
Carbon Disulfide	ND	0.031	1.00	
Carbon Tetrachloride	ND	0.0031	1.00	
Chlorobenzene	ND	0.0023	1.00	
Chloroethane	ND	0.0013	1.00	
Chloroform	ND	0.0024	1.00	
Chloromethane	ND	0.0010	1.00	
Dibromochloromethane	ND	0.0043	1.00	
Dichlorodifluoromethane	ND	0.0025	1.00	
1,1-Dichloroethane	ND	0.0020	1.00	
1,1-Dichloroethene	ND	0.0020	1.00	
1,2-Dibromoethane	ND	0.0038	1.00	
Dichlorotetrafluoroethane	ND	0.014	1.00	
1,2-Dichlorobenzene	ND	0.0030	1.00	
1,2-Dichloroethane	ND	0.0020	1.00	
1,2-Dichloropropane	ND	0.0023	1.00	
1,3-Dichlorobenzene	ND	0.0030	1.00	
1,4-Dichlorobenzene	ND	0.0030	1.00	
c-1,3-Dichloropropene	ND	0.0023	1.00	
c-1,2-Dichloroethene	ND	0.0020	1.00	
t-1,2-Dichloroethene	ND	0.0020	1.00	
t-1,3-Dichloropropene	ND	0.0045	1.00	
Ethylbenzene	0.0031	0.0022	1.00	
4-Ethyltoluene	0.016	0.0025	1.00	
Hexachloro-1,3-Butadiene	ND	0.016	1.00	
2-Hexanone	ND	0.0061	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1.00	
Methylene Chloride	ND	0.017	1.00	
4-Methyl-2-Pentanone	ND	0.0061	1.00	

Return to Contents ↑

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2034  
 Preparation: N/A  
 Method: EPA TO-15M  
 Units: ug/L

Project: 7821 Otis Ave

Page 4 of 12

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
o-Xylene	0.0053	0.0022	1.00	
p/m-Xylene	0.011	0.0087	1.00	
Styrene	ND	0.0064	1.00	
Tetrachloroethene	0.012	0.0034	1.00	
Toluene	ND	0.019	1.00	
Trichloroethene	ND	0.0027	1.00	
Trichlorofluoromethane	ND	0.0056	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.011	1.00	
1,1,1-Trichloroethane	ND	0.0027	1.00	
1,1,2-Trichloroethane	ND	0.0027	1.00	
1,3,5-Trimethylbenzene	0.027	0.0025	1.00	
1,1,2,2-Tetrachloroethane	ND	0.0069	1.00	
1,2,4-Trimethylbenzene	0.042	0.0074	1.00	
1,2,4-Trichlorobenzene	ND	0.015	1.00	
Vinyl Acetate	ND	0.0070	1.00	
Vinyl Chloride	ND	0.0013	1.00	
Isopropanol	ND	0.12	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	92	57-129	
1,2-Dichloroethane-d4	80	47-137	
Toluene-d8	90	78-156	


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2034  
Preparation: N/A  
Method: EPA TO-15M  
Units: ug/L

Project: 7821 Otis Ave

Page 5 of 12

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SV3-5'	18-11-2034-3-A	11/27/18 16:05	Air	GC/MS ZZ	N/A	11/28/18 20:50	181128L02

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	0.12	1.00	
Benzene	ND	0.0016	1.00	
Benzyl Chloride	ND	0.0078	1.00	
Bromodichloromethane	ND	0.0034	1.00	
Bromoform	ND	0.0052	1.00	
Bromomethane	ND	0.0019	1.00	
2-Butanone	0.070	0.0044	1.00	
Carbon Disulfide	ND	0.031	1.00	
Carbon Tetrachloride	ND	0.0031	1.00	
Chlorobenzene	ND	0.0023	1.00	
Chloroethane	ND	0.0013	1.00	
Chloroform	ND	0.0024	1.00	
Chloromethane	ND	0.0010	1.00	
Dibromochloromethane	ND	0.0043	1.00	
Dichlorodifluoromethane	ND	0.0025	1.00	
1,1-Dichloroethane	ND	0.0020	1.00	
1,1-Dichloroethene	ND	0.0020	1.00	
1,2-Dibromoethane	ND	0.0038	1.00	
Dichlorotetrafluoroethane	ND	0.014	1.00	
1,2-Dichlorobenzene	ND	0.0030	1.00	
1,2-Dichloroethane	ND	0.0020	1.00	
1,2-Dichloropropane	ND	0.0023	1.00	
1,3-Dichlorobenzene	ND	0.0030	1.00	
1,4-Dichlorobenzene	ND	0.0030	1.00	
c-1,3-Dichloropropene	ND	0.0023	1.00	
c-1,2-Dichloroethene	ND	0.0020	1.00	
t-1,2-Dichloroethene	ND	0.0020	1.00	
t-1,3-Dichloropropene	ND	0.0045	1.00	
Ethylbenzene	ND	0.0022	1.00	
4-Ethyltoluene	0.0027	0.0025	1.00	
Hexachloro-1,3-Butadiene	ND	0.016	1.00	
2-Hexanone	0.028	0.0061	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1.00	
Methylene Chloride	ND	0.017	1.00	
4-Methyl-2-Pentanone	ND	0.0061	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2034  
 Preparation: N/A  
 Method: EPA TO-15M  
 Units: ug/L

Project: 7821 Otis Ave

Page 6 of 12

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
o-Xylene	ND	0.0022	1.00	
p/m-Xylene	ND	0.0087	1.00	
Styrene	ND	0.0064	1.00	
Tetrachloroethene	0.029	0.0034	1.00	
Toluene	ND	0.019	1.00	
Trichloroethene	ND	0.0027	1.00	
Trichlorofluoromethane	ND	0.0056	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.011	1.00	
1,1,1-Trichloroethane	ND	0.0027	1.00	
1,1,2-Trichloroethane	ND	0.0027	1.00	
1,3,5-Trimethylbenzene	ND	0.0025	1.00	
1,1,2,2-Tetrachloroethane	ND	0.0069	1.00	
1,2,4-Trimethylbenzene	ND	0.0074	1.00	
1,2,4-Trichlorobenzene	ND	0.015	1.00	
Vinyl Acetate	ND	0.0070	1.00	
Vinyl Chloride	ND	0.0013	1.00	
Isopropanol	ND	0.12	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	90	57-129		
1,2-Dichloroethane-d4	77	47-137		
Toluene-d8	91	78-156		


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2034  
Preparation: N/A  
Method: EPA TO-15M  
Units: ug/L

Project: 7821 Otis Ave

Page 7 of 12

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SV4-5'	18-11-2034-4-A	11/27/18 15:52	Air	GC/MS ZZ	N/A	11/28/18 21:39	181128L02

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	0.12	1.00	
Benzene	ND	0.0016	1.00	
Benzyl Chloride	ND	0.0078	1.00	
Bromodichloromethane	ND	0.0034	1.00	
Bromoform	ND	0.0052	1.00	
Bromomethane	ND	0.0019	1.00	
2-Butanone	0.057	0.0044	1.00	
Carbon Disulfide	ND	0.031	1.00	
Carbon Tetrachloride	ND	0.0031	1.00	
Chlorobenzene	ND	0.0023	1.00	
Chloroethane	ND	0.0013	1.00	
Chloroform	ND	0.0024	1.00	
Chloromethane	ND	0.0010	1.00	
Dibromochloromethane	ND	0.0043	1.00	
Dichlorodifluoromethane	ND	0.0025	1.00	
1,1-Dichloroethane	ND	0.0020	1.00	
1,1-Dichloroethene	ND	0.0020	1.00	
1,2-Dibromoethane	ND	0.0038	1.00	
Dichlorotetrafluoroethane	ND	0.014	1.00	
1,2-Dichlorobenzene	ND	0.0030	1.00	
1,2-Dichloroethane	ND	0.0020	1.00	
1,2-Dichloropropane	ND	0.0023	1.00	
1,3-Dichlorobenzene	ND	0.0030	1.00	
1,4-Dichlorobenzene	ND	0.0030	1.00	
c-1,3-Dichloropropene	ND	0.0023	1.00	
c-1,2-Dichloroethene	ND	0.0020	1.00	
t-1,2-Dichloroethene	ND	0.0020	1.00	
t-1,3-Dichloropropene	ND	0.0045	1.00	
Ethylbenzene	ND	0.0022	1.00	
4-Ethyltoluene	0.0026	0.0025	1.00	
Hexachloro-1,3-Butadiene	ND	0.016	1.00	
2-Hexanone	0.026	0.0061	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1.00	
Methylene Chloride	ND	0.017	1.00	
4-Methyl-2-Pentanone	ND	0.0061	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2034  
 Preparation: N/A  
 Method: EPA TO-15M  
 Units: ug/L

Project: 7821 Otis Ave

Page 8 of 12

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
o-Xylene	ND	0.0022	1.00	
p/m-Xylene	ND	0.0087	1.00	
Styrene	ND	0.0064	1.00	
Tetrachloroethene	0.57	0.0034	1.00	
Toluene	ND	0.019	1.00	
Trichloroethene	ND	0.0027	1.00	
Trichlorofluoromethane	ND	0.0056	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.011	1.00	
1,1,1-Trichloroethane	ND	0.0027	1.00	
1,1,2-Trichloroethane	ND	0.0027	1.00	
1,3,5-Trimethylbenzene	ND	0.0025	1.00	
1,1,2,2-Tetrachloroethane	ND	0.0069	1.00	
1,2,4-Trimethylbenzene	ND	0.0074	1.00	
1,2,4-Trichlorobenzene	ND	0.015	1.00	
Vinyl Acetate	ND	0.0070	1.00	
Vinyl Chloride	ND	0.0013	1.00	
Isopropanol	ND	0.12	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	92	57-129		
1,2-Dichloroethane-d4	79	47-137		
Toluene-d8	89	78-156		


  
 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2034  
 Preparation: N/A  
 Method: EPA TO-15M  
 Units: ug/L

Project: 7821 Otis Ave

Page 9 of 12

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
SV5-5'	18-11-2034-5-A	11/27/18 15:20	Air	GC/MS ZZ	N/A	11/28/18 19:12	181128L02

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	0.12	1.00	
Benzene	ND	0.0016	1.00	
Benzyl Chloride	ND	0.0078	1.00	
Bromodichloromethane	ND	0.0034	1.00	
Bromoform	ND	0.0052	1.00	
Bromomethane	ND	0.0019	1.00	
2-Butanone	0.073	0.0044	1.00	
Carbon Disulfide	ND	0.031	1.00	
Carbon Tetrachloride	ND	0.0031	1.00	
Chlorobenzene	ND	0.0023	1.00	
Chloroethane	ND	0.0013	1.00	
Chloroform	ND	0.0024	1.00	
Chloromethane	ND	0.0010	1.00	
Dibromochloromethane	ND	0.0043	1.00	
Dichlorodifluoromethane	ND	0.0025	1.00	
1,1-Dichloroethane	ND	0.0020	1.00	
1,1-Dichloroethene	ND	0.0020	1.00	
1,2-Dibromoethane	ND	0.0038	1.00	
Dichlorotetrafluoroethane	ND	0.014	1.00	
1,2-Dichlorobenzene	ND	0.0030	1.00	
1,2-Dichloroethane	ND	0.0020	1.00	
1,2-Dichloropropane	ND	0.0023	1.00	
1,3-Dichlorobenzene	ND	0.0030	1.00	
1,4-Dichlorobenzene	ND	0.0030	1.00	
c-1,3-Dichloropropene	ND	0.0023	1.00	
c-1,2-Dichloroethene	ND	0.0020	1.00	
t-1,2-Dichloroethene	ND	0.0020	1.00	
t-1,3-Dichloropropene	ND	0.0045	1.00	
Ethylbenzene	ND	0.0022	1.00	
4-Ethyltoluene	0.0044	0.0025	1.00	
Hexachloro-1,3-Butadiene	ND	0.016	1.00	
2-Hexanone	0.030	0.0061	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1.00	
Methylene Chloride	ND	0.017	1.00	
4-Methyl-2-Pentanone	ND	0.0061	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2034  
 Preparation: N/A  
 Method: EPA TO-15M  
 Units: ug/L

Project: 7821 Otis Ave

Page 10 of 12

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
o-Xylene	0.0024	0.0022	1.00	
p/m-Xylene	ND	0.0087	1.00	
Styrene	ND	0.0064	1.00	
Tetrachloroethene	0.024	0.0034	1.00	
Toluene	ND	0.019	1.00	
Trichloroethene	ND	0.0027	1.00	
Trichlorofluoromethane	ND	0.0056	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.011	1.00	
1,1,1-Trichloroethane	ND	0.0027	1.00	
1,1,2-Trichloroethane	ND	0.0027	1.00	
1,3,5-Trimethylbenzene	0.0041	0.0025	1.00	
1,1,2,2-Tetrachloroethane	ND	0.0069	1.00	
1,2,4-Trimethylbenzene	0.011	0.0074	1.00	
1,2,4-Trichlorobenzene	ND	0.015	1.00	
Vinyl Acetate	ND	0.0070	1.00	
Vinyl Chloride	ND	0.0013	1.00	
Isopropanol	ND	0.12	1.00	

<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>
1,4-Bromofluorobenzene	91	57-129	
1,2-Dichloroethane-d4	80	47-137	
Toluene-d8	90	78-156	


  
 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2034  
Preparation: N/A  
Method: EPA TO-15M  
Units: ug/L

Project: 7821 Otis Ave

Page 11 of 12

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-12-981-8997	N/A	Air	GC/MS ZZ	N/A	11/28/18 14:21	181128L02

Parameter	Result	RL	DF	Qualifiers
Acetone	ND	0.12	1.00	
Benzene	ND	0.0016	1.00	
Benzyl Chloride	ND	0.0078	1.00	
Bromodichloromethane	ND	0.0034	1.00	
Bromoform	ND	0.0052	1.00	
Bromomethane	ND	0.0019	1.00	
2-Butanone	ND	0.0044	1.00	
Carbon Disulfide	ND	0.031	1.00	
Carbon Tetrachloride	ND	0.0031	1.00	
Chlorobenzene	ND	0.0023	1.00	
Chloroethane	ND	0.0013	1.00	
Chloroform	ND	0.0024	1.00	
Chloromethane	ND	0.0010	1.00	
Dibromochloromethane	ND	0.0043	1.00	
Dichlorodifluoromethane	ND	0.0025	1.00	
1,1-Dichloroethane	ND	0.0020	1.00	
1,1-Dichloroethene	ND	0.0020	1.00	
1,2-Dibromoethane	ND	0.0038	1.00	
Dichlorotetrafluoroethane	ND	0.014	1.00	
1,2-Dichlorobenzene	ND	0.0030	1.00	
1,2-Dichloroethane	ND	0.0020	1.00	
1,2-Dichloropropane	ND	0.0023	1.00	
1,3-Dichlorobenzene	ND	0.0030	1.00	
1,4-Dichlorobenzene	ND	0.0030	1.00	
c-1,3-Dichloropropene	ND	0.0023	1.00	
c-1,2-Dichloroethene	ND	0.0020	1.00	
t-1,2-Dichloroethene	ND	0.0020	1.00	
t-1,3-Dichloropropene	ND	0.0045	1.00	
Ethylbenzene	ND	0.0022	1.00	
4-Ethyltoluene	ND	0.0025	1.00	
Hexachloro-1,3-Butadiene	ND	0.016	1.00	
2-Hexanone	ND	0.0061	1.00	
Methyl-t-Butyl Ether (MTBE)	ND	0.0072	1.00	
Methylene Chloride	ND	0.017	1.00	
4-Methyl-2-Pentanone	ND	0.0061	1.00	

Return to Contents ↑

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
Work Order: 18-11-2034  
Preparation: N/A  
Method: EPA TO-15M  
Units: ug/L

Project: 7821 Otis Ave

Page 12 of 12

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
o-Xylene	ND	0.0022	1.00	
p/m-Xylene	ND	0.0087	1.00	
Styrene	ND	0.0064	1.00	
Tetrachloroethene	ND	0.0034	1.00	
Toluene	ND	0.019	1.00	
Trichloroethene	ND	0.0027	1.00	
Trichlorofluoromethane	ND	0.0056	1.00	
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	0.011	1.00	
1,1,1-Trichloroethane	ND	0.0027	1.00	
1,1,2-Trichloroethane	ND	0.0027	1.00	
1,3,5-Trimethylbenzene	ND	0.0025	1.00	
1,1,2,2-Tetrachloroethane	ND	0.0069	1.00	
1,2,4-Trimethylbenzene	ND	0.0074	1.00	
1,2,4-Trichlorobenzene	ND	0.015	1.00	
Vinyl Acetate	ND	0.0070	1.00	
Vinyl Chloride	ND	0.0013	1.00	
Isopropanol	ND	0.12	1.00	
<u>Surrogate</u>	<u>Rec. (%)</u>	<u>Control Limits</u>	<u>Qualifiers</u>	
1,4-Bromofluorobenzene	88	57-129		
1,2-Dichloroethane-d4	78	47-137		
Toluene-d8	89	78-156		


 Return to Contents

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Quality Control - LCS/LCSD

 ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

 Date Received: 11/27/18  
 Work Order: 18-11-2034  
 Preparation: N/A  
 Method: EPA TO-15M

Project: 7821 Otis Ave

Page 1 of 2

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-12-981-8997	LCS	Air	GC/MS ZZ	N/A	11/28/18 11:39	181128L02
099-12-981-8997	LCSD	Air	GC/MS ZZ	N/A	11/28/18 12:27	181128L02

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Acetone	0.05939	0.05994	101	0.06074	102	50-150	33-167	1	0-35	
Benzene	0.07987	0.06540	82	0.06522	82	60-156	44-172	0	0-40	
Benzyl Chloride	0.1294	0.1313	101	0.1297	100	50-150	33-167	1	0-35	
Bromodichloromethane	0.1675	0.1479	88	0.1500	90	50-150	33-167	1	0-35	
Bromoform	0.2584	0.2968	115	0.2992	116	50-150	33-167	1	0-38	
Bromomethane	0.09708	0.08278	85	0.08031	83	50-150	33-167	3	0-35	
2-Butanone	0.07373	0.06488	88	0.06551	89	50-150	33-167	1	0-35	
Carbon Disulfide	0.07785	0.05920	76	0.06032	77	50-150	33-167	2	0-35	
Carbon Tetrachloride	0.1573	0.1663	106	0.1684	107	64-154	49-169	1	0-32	
Chlorobenzene	0.1151	0.1214	105	0.1209	105	50-150	33-167	0	0-35	
Chloroethane	0.06596	0.06327	96	0.05689	86	50-150	33-167	11	0-35	
Chloroform	0.1221	0.09786	80	0.09920	81	50-150	33-167	1	0-35	
Chloromethane	0.05163	0.05575	108	0.05525	107	50-150	33-167	1	0-35	
Dibromochloromethane	0.2130	0.2398	113	0.2414	113	50-150	33-167	1	0-35	
Dichlorodifluoromethane	0.1236	0.1221	99	0.1228	99	50-150	33-167	1	0-35	
1,1-Dichloroethane	0.1012	0.08608	85	0.08702	86	50-150	33-167	1	0-35	
1,1-Dichloroethene	0.09912	0.08597	87	0.08696	88	50-150	33-167	1	0-35	
1,2-Dibromoethane	0.1921	0.1916	100	0.1930	100	54-144	39-159	1	0-36	
Dichlorotetrafluoroethane	0.1748	0.1495	86	0.1521	87	50-150	33-167	2	0-35	
1,2-Dichlorobenzene	0.1503	0.1729	115	0.1757	117	34-160	13-181	2	0-47	
1,2-Dichloroethane	0.1012	0.08561	85	0.08697	86	69-153	55-167	2	0-35	
1,2-Dichloropropane	0.1155	0.1057	91	0.1058	92	67-157	52-172	0	0-35	
1,3-Dichlorobenzene	0.1503	0.1783	119	0.1793	119	50-150	33-167	1	0-35	
1,4-Dichlorobenzene	0.1503	0.1782	119	0.1786	119	36-156	16-176	0	0-47	
c-1,3-Dichloropropene	0.1135	0.09832	87	0.09984	88	61-157	45-173	2	0-35	
c-1,2-Dichloroethene	0.09912	0.08615	87	0.08806	89	50-150	33-167	2	0-35	
t-1,2-Dichloroethene	0.09912	0.08543	86	0.08696	88	50-150	33-167	2	0-35	
t-1,3-Dichloropropene	0.1135	0.1011	89	0.1022	90	50-150	33-167	1	0-35	
Ethylbenzene	0.1086	0.1013	93	0.1023	94	52-154	35-171	1	0-38	
4-Ethyltoluene	0.1229	0.1244	101	0.1255	102	50-150	33-167	1	0-35	
Hexachloro-1,3-Butadiene	0.2666	0.2701	101	0.2738	103	50-150	33-167	1	0-35	
2-Hexanone	0.1024	0.1014	99	0.1015	99	50-150	33-167	0	0-35	
Methyl-t-Butyl Ether (MTBE)	0.09013	0.07039	78	0.07132	79	50-150	33-167	1	0-35	
Methylene Chloride	0.08684	0.07029	81	0.07272	84	50-150	33-167	3	0-35	
4-Methyl-2-Pentanone	0.1024	0.09848	96	0.1003	98	50-150	33-167	2	0-35	
o-Xylene	0.1086	0.1001	92	0.1009	93	52-148	36-164	1	0-38	

RPD: Relative Percent Difference. CL: Control Limits

## Quality Control - LCS/LCSD

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/27/18  
 Work Order: 18-11-2034  
 Preparation: N/A  
 Method: EPA TO-15M

Project: 7821 Otis Ave

Page 2 of 2

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
p/m-Xylene	0.2171	0.1992	92	0.2003	92	42-156	23-175	1	0-41	
Styrene	0.1065	0.1082	102	0.1087	102	50-150	33-167	0	0-35	
Tetrachloroethene	0.1696	0.1889	111	0.1909	113	56-152	40-168	1	0-40	
Toluene	0.09421	0.08408	89	0.08520	90	56-146	41-161	1	0-43	
Trichloroethene	0.1343	0.1252	93	0.1274	95	63-159	47-175	2	0-34	
Trichlorofluoromethane	0.1405	0.1280	91	0.1309	93	50-150	33-167	2	0-35	
1,1,2-Trichloro-1,2,2-Trifluoroethane	0.1916	0.1746	91	0.1778	93	50-150	33-167	2	0-35	
1,1,1-Trichloroethane	0.1364	0.1205	88	0.1228	90	50-150	33-167	2	0-35	
1,1,2-Trichloroethane	0.1364	0.1221	90	0.1243	91	65-149	51-163	2	0-37	
1,3,5-Trimethylbenzene	0.1229	0.1246	101	0.1246	101	50-150	33-167	0	0-35	
1,1,2,2-Tetrachloroethane	0.1716	0.1548	90	0.1569	91	50-150	33-167	1	0-35	
1,2,4-Trimethylbenzene	0.1229	0.1287	105	0.1283	104	50-150	33-167	0	0-35	
1,2,4-Trichlorobenzene	0.1855	0.2003	108	0.2012	108	50-150	33-167	0	0-35	
Vinyl Acetate	0.08803	0.07864	89	0.07946	90	50-150	33-167	1	0-35	
Vinyl Chloride	0.06391	0.05956	93	0.05989	94	45-177	23-199	1	0-36	
Isopropanol	0.06145	0.05718	93	0.05797	94	50-150	33-167	1	0-30	

Total number of LCS compounds: 52

Total number of ME compounds: 0

Total number of ME compounds allowed: 3

LCS ME CL validation result: Pass

Return to Contents

RPD: Relative Percent Difference. CL: Control Limits



### Sample Analysis Summary Report

---

Work Order: 18-11-2034

Page 1 of 1

---

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA TO-15M	N/A	1145	GC/MS ZZ	2

  
Return to Contents

Location 2: 7445 Lampson Avenue, Garden Grove, CA 92841

<u>Qualifiers</u>	<u>Definition</u>
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.
	Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.
	Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of <= 15 minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.
	A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.



**SAMPLE RECEIPT CHECKLIST**

COOLER 0 OF 0

CLIENT: Encon Tech

DATE: 11/27/2018

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: 0.0°C); Temperature (w/o CF): \_\_\_\_\_ °C (w/ CF): \_\_\_\_\_ °C;  Blank  Sample  
 Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)  
 Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling  
 Sample(s) received at ambient temperature; placed on ice for transport by courier  
 Ambient Temperature:  Air  Filter

Checked by: UNLC

**CUSTODY SEAL:**

Cooler  Present and Intact  Present but Not Intact  Not Present  N/A  
 Sample(s)  Present and Intact  Present but Not Intact  Not Present  N/A

Checked by: UNLC

Checked by: UNLC

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input type="checkbox"/> Matrix <input type="checkbox"/> Number of containers			
<input type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time			
Sampler's name indicated on COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and in good condition .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient volume/mass for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples for certain analyses received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation chemical(s) noted on COC and/or sample container .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unpreserved aqueous sample(s) received for certain analyses			
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input type="checkbox"/> Dissolved Metals			
Acid/base preserved samples - pH within acceptable range .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Container(s) for certain analysis free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500)			
<input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**CONTAINER TYPE:**

(Trip Blank Lot Number: \_\_\_\_\_)

Aqueous:  VOA  VOA<sub>h</sub>  VOA<sub>na2</sub>  100PJ  100PJ<sub>na2</sub>  125AGB  125AGB<sub>h</sub>  125AGB<sub>p</sub>  125PB  125PB<sub>znna</sub> (pH\_\_9)  
 250AGB  250CGB  250CGB<sub>s</sub> (pH\_\_2)  250PB  250PB<sub>n</sub> (pH\_\_2)  500AGB  500AGJ  500AGJ<sub>s</sub> (pH\_\_2)  500PB  
 1AGB  1AGB<sub>na2</sub>  1AGB<sub>s</sub> (pH\_\_2)  1AGB<sub>s</sub> (O&G)  1PB  1PB<sub>na</sub> (pH\_\_12)  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  
 Solid:  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (\_\_\_\_)  EnCores® (\_\_\_\_)  TerraCores® (\_\_\_\_)  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_  
 Air:  Tedlar™  Canister  Sorbent Tube  PUF  \_\_\_\_\_ Other Matrix (\_\_\_\_):  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

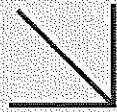
Preservative: b = buffered, f = filtered, h = HCl, n = HNO<sub>3</sub>, na = NaOH, na<sub>2</sub> = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, p = H<sub>3</sub>PO<sub>4</sub>, Labeled/Checked by: UNLC

s = H<sub>2</sub>SO<sub>4</sub>, u = ultra-pure, x = Na<sub>2</sub>SO<sub>3</sub>+NaHSO<sub>4</sub>.H<sub>2</sub>O, znna = Zn (CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH

Reviewed by: UNLC

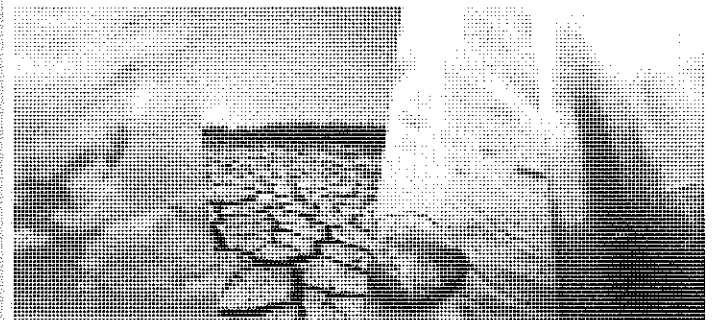


Calscience



**WORK ORDER NUMBER: 18-11-2396**

*The difference is service*



AIR | SOIL | WATER | MARINE CHEMISTRY

**Analytical Report For**

**Client:** ENCON Technologies, Inc.

**Client Project Name:** 7821 Otis Ave

**Attention:** Joe Scatoloni  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Approved for release on 12/13/2018 by:  
Don Burley  
Project Manager

ResultLink ▶

Email your PM ▶

Eurofins Calscience (Calscience) certifies that the test results provided in this report meet all NELAC Institute requirements for parameters for which accreditation is required or available. Any exceptions to NELAC Institute requirements are noted in the case narrative. The original report of subcontracted analyses, if any, is attached to this report. The results in this report are limited to the sample(s) tested and any reproduction thereof must be made in its entirety. The client or recipient of this report is specifically prohibited from making material changes to said report and, to the extent that such changes are made, Calscience is not responsible, legally or otherwise. The client or recipient agrees to indemnify Calscience for any defense to any litigation which may arise.



Calscience

# Contents

Client Project Name: 7821 Otis Ave  
 Work Order Number: 18-11-2396

1	Work Order Narrative. . . . .	3
2	Sample Summary. . . . .	4
3	Client Sample Data. . . . .	5
	3.1 EPA 8015B (M) TPH Motor Oil (Solid). . . . .	5
	3.2 EPA 6010B/7471A CAC Title 22 Metals (Solid). . . . .	7
	3.3 EPA 7471A Mercury (Solid). . . . .	16
	3.4 EPA 8270C SIM PAHs (Solid). . . . .	18
4	Quality Control Sample Data. . . . .	23
	4.1 MS/MSD. . . . .	23
	4.2 LCS/LCSD. . . . .	27
5	Sample Analysis Summary. . . . .	31
6	Glossary of Terms and Qualifiers. . . . .	32
7	Chain-of-Custody/Sample Receipt Form. . . . .	33



Calscience

## Work Order Narrative

---

Work Order: 18-11-2396

Page 1 of 1

---

### **Condition Upon Receipt:**

Samples were received under Chain-of-Custody (COC) on 11/30/18. They were assigned to Work Order 18-11-2396.

Unless otherwise noted on the Sample Receiving forms all samples were received in good condition and within the recommended EPA temperature criteria for the methods noted on the COC. The COC and Sample Receiving Documents are integral elements of the analytical report and are presented at the back of the report.

### **Holding Times:**

All samples were analyzed within prescribed holding times (HT) and/or in accordance with the Calscience Sample Acceptance Policy unless otherwise noted in the analytical report and/or comprehensive case narrative, if required.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

### **Quality Control:**

All quality control parameters (QC) were within established control limits except where noted in the QC summary forms or described further within this report.

### **Subcontractor Information:**

Unless otherwise noted below (or on the subcontract form), no samples were subcontracted.

### **Additional Comments:**

Air - Sorbent-extracted air methods (EPA TO-4A, EPA TO-10, EPA TO-13A, EPA TO-17): Analytical results are converted from mass/sample basis to mass/volume basis using client-supplied air volumes.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are always reported on a wet weight basis.

### **DoD Projects:**

The test results contained in this report are accredited under the laboratory's ISO/IEC 17025:2005 and DoD-ELAP accreditation issued by the ANSI-ASQ National Accreditation Board. Refer to certificate and scope of accreditation ADE-1864.





Calscience

## Sample Summary

Client: ENCON Technologies, Inc.	Work Order: 18-11-2396
12145 Mora Drive, Suite 7	Project Name: 7821 Otis Ave
Santa Fe Springs, CA 90670-6055	PO Number:
	Date/Time Received: 11/30/18 12:25
	Number of Containers: 8

Attn: Joe Scatoloni

Sample Identification	Lab Number	Collection Date and Time	Number of Containers	Matrix
FB1-5'	18-11-2396-1	11/29/18 13:36	1	Solid
FB1-10'	18-11-2396-2	11/29/18 13:43	1	Solid
FB2-5'	18-11-2396-3	11/29/18 12:55	1	Solid
FB2-10'	18-11-2396-4	11/29/18 13:09	1	Solid
FB4-5'	18-11-2396-5	11/29/18 14:33	1	Solid
FB4-10'	18-11-2396-6	11/29/18 14:43	1	Solid
FB5-5'	18-11-2396-7	11/29/18 14:10	1	Solid
FB5-10'	18-11-2396-8	11/29/18 14:19	1	Solid

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
 Work Order: 18-11-2396  
 Preparation: EPA 3550B  
 Method: EPA 8015B (M)  
 Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB1-5'	18-11-2396-1-A	11/29/18 13:36	Solid	GC 50	12/04/18	12/05/18 14:04	181204B03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		104		61-145			
FB1-10'	18-11-2396-2-A	11/29/18 13:43	Solid	GC 50	12/04/18	12/05/18 14:24	181204B03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		25		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		107		61-145			
FB2-5'	18-11-2396-3-A	11/29/18 12:55	Solid	GC 50	12/04/18	12/05/18 14:44	181204B03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		102		61-145			
FB2-10'	18-11-2396-4-A	11/29/18 13:09	Solid	GC 50	12/04/18	12/05/18 15:03	181204B03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		25		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		106		61-145			
FB4-5'	18-11-2396-5-A	11/29/18 14:33	Solid	GC 50	12/04/18	12/05/18 15:24	181204B03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		25		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		96		61-145			

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
 Work Order: 18-11-2396  
 Preparation: EPA 3550B  
 Method: EPA 8015B (M)  
 Units: mg/kg

Project: 7821 Otis Ave

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
<b>FB4-10'</b>	<b>18-11-2396-6-A</b>	<b>11/29/18 14:43</b>	<b>Solid</b>	<b>GC 50</b>	<b>12/04/18</b>	<b>12/05/18 15:43</b>	<b>181204B03</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		99		61-145			
<b>FB5-5'</b>	<b>18-11-2396-7-A</b>	<b>11/29/18 14:10</b>	<b>Solid</b>	<b>GC 50</b>	<b>12/04/18</b>	<b>12/05/18 16:03</b>	<b>181204B03</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		96		61-145			
<b>FB5-10'</b>	<b>18-11-2396-8-A</b>	<b>11/29/18 14:19</b>	<b>Solid</b>	<b>GC 50</b>	<b>12/04/18</b>	<b>12/05/18 16:23</b>	<b>181204B03</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		26		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		104		61-145			
<b>Method Blank</b>	<b>099-15-420-3029</b>	<b>N/A</b>	<b>Solid</b>	<b>GC 50</b>	<b>12/04/18</b>	<b>12/05/18 11:22</b>	<b>181204B03</b>
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
TPH as Motor Oil		ND		25		1.00	
<u>Surrogate</u>		<u>Rec. (%)</u>		<u>Control Limits</u>		<u>Qualifiers</u>	
n-Octacosane		107		61-145			

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
 Work Order: 18-11-2396  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB1-5'	18-11-2396-1-A	11/29/18 13:36	Solid	ICP 8300	12/04/18	12/05/18 20:19	181204L03

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.781	1.04	
Arsenic	6.23	0.781	1.04	
Barium	173	0.521	1.04	
Beryllium	0.830	0.260	1.04	
Cadmium	ND	0.521	1.04	
Chromium	19.4	0.260	1.04	
Cobalt	13.5	0.260	1.04	
Copper	23.5	0.521	1.04	
Lead	ND	0.521	1.04	
Molybdenum	0.261	0.260	1.04	
Nickel	15.5	0.260	1.04	
Selenium	ND	0.781	1.04	
Silver	ND	0.260	1.04	
Thallium	ND	0.781	1.04	
Vanadium	42.6	0.260	1.04	
Zinc	65.0	1.04	1.04	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



CalScience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 2 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB1-10'	18-11-2396-2-A	11/29/18 13:43	Solid	ICP 8300	12/04/18	12/05/18 20:30	181204L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>	
Antimony		ND		0.773	1.03		
Arsenic		8.27		0.773	1.03		
Barium		176		0.515	1.03		
Beryllium		0.925		0.258	1.03		
Cadmium		ND		0.515	1.03		
Chromium		20.0		0.258	1.03		
Cobalt		14.8		0.258	1.03		
Copper		25.6		0.515	1.03		
Lead		ND		0.515	1.03		
Molybdenum		1.04		0.258	1.03		
Nickel		16.6		0.258	1.03		
Selenium		ND		0.773	1.03		
Silver		ND		0.258	1.03		
Thallium		ND		0.773	1.03		
Vanadium		47.8		0.258	1.03		
Zinc		69.6		1.03	1.03		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
 Work Order: 18-11-2396  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 3 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB2-5'	18-11-2396-3-A	11/29/18 12:55	Solid	ICP 8300	12/04/18	12/05/18 20:32	181204L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>	
Antimony		ND		0.739	0.985		
Arsenic		5.80		0.739	0.985		
Barium		183		0.493	0.985		
Beryllium		0.858		0.246	0.985		
Cadmium		ND		0.493	0.985		
Chromium		19.7		0.246	0.985		
Cobalt		13.9		0.246	0.985		
Copper		25.1		0.493	0.985		
Lead		ND		0.493	0.985		
Molybdenum		ND		0.246	0.985		
Nickel		16.0		0.246	0.985		
Selenium		ND		0.739	0.985		
Silver		ND		0.246	0.985		
Thallium		ND		0.739	0.985		
Vanadium		42.9		0.246	0.985		
Zinc		68.5		0.985	0.985		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 4 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB2-10'	18-11-2396-4-A	11/29/18 13:09	Solid	ICP 8300	12/04/18	12/05/18 20:33	181204L03

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.781	1.04	
Arsenic	3.34	0.781	1.04	
Barium	121	0.521	1.04	
Beryllium	0.594	0.260	1.04	
Cadmium	ND	0.521	1.04	
Chromium	13.7	0.260	1.04	
Cobalt	9.44	0.260	1.04	
Copper	14.4	0.521	1.04	
Lead	ND	0.521	1.04	
Molybdenum	ND	0.260	1.04	
Nickel	10.6	0.260	1.04	
Selenium	ND	0.781	1.04	
Silver	ND	0.260	1.04	
Thallium	ND	0.781	1.04	
Vanadium	30.8	0.260	1.04	
Zinc	51.1	1.04	1.04	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
 Work Order: 18-11-2396  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 5 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB4-5'	18-11-2396-5-A	11/29/18 14:33	Solid	ICP 8300	12/04/18	12/05/18 20:35	181204L03
<u>Parameter</u>		<u>Result</u>		<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>	
Antimony		ND		0.746	0.995		
Arsenic		6.24		0.746	0.995		
Barium		526		0.498	0.995		
Beryllium		0.523		0.249	0.995		
Cadmium		0.736		0.498	0.995		
Chromium		19.5		0.249	0.995		
Cobalt		8.52		0.249	0.995		
Copper		199		0.498	0.995		
Lead		159		0.498	0.995		
Molybdenum		ND		0.249	0.995		
Nickel		14.7		0.249	0.995		
Selenium		ND		0.746	0.995		
Silver		ND		0.249	0.995		
Thallium		ND		0.746	0.995		
Vanadium		26.3		0.249	0.995		
Zinc		422		0.995	0.995		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 6 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB4-10'	18-11-2396-6-A	11/29/18 14:43	Solid	ICP 8300	12/04/18	12/05/18 20:37	181204L03

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.777	1.04	
Arsenic	3.51	0.777	1.04	
Barium	113	0.518	1.04	
Beryllium	0.533	0.259	1.04	
Cadmium	ND	0.518	1.04	
Chromium	11.8	0.259	1.04	
Cobalt	10.0	0.259	1.04	
Copper	12.4	0.518	1.04	
Lead	ND	0.518	1.04	
Molybdenum	ND	0.259	1.04	
Nickel	9.54	0.259	1.04	
Selenium	ND	0.777	1.04	
Silver	ND	0.259	1.04	
Thallium	ND	0.777	1.04	
Vanadium	28.0	0.259	1.04	
Zinc	44.8	1.04	1.04	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 7 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB5-5'	18-11-2396-7-A	11/29/18 14:10	Solid	ICP 8300	12/04/18	12/05/18 20:39	181204L03

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.714	0.952	
Arsenic	8.85	0.714	0.952	
Barium	209	0.476	0.952	
Beryllium	1.02	0.238	0.952	
Cadmium	ND	0.476	0.952	
Chromium	22.0	0.238	0.952	
Cobalt	14.8	0.238	0.952	
Copper	30.6	0.476	0.952	
Lead	ND	0.476	0.952	
Molybdenum	0.317	0.238	0.952	
Nickel	17.6	0.238	0.952	
Selenium	ND	0.714	0.952	
Silver	ND	0.238	0.952	
Thallium	ND	0.714	0.952	
Vanadium	50.8	0.238	0.952	
Zinc	73.3	0.952	0.952	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
 Work Order: 18-11-2396  
 Preparation: EPA 3050B  
 Method: EPA 6010B  
 Units: mg/kg

Project: 7821 Otis Ave

Page 8 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB5-10'	18-11-2396-8-A	11/29/18 14:19	Solid	ICP 8300	12/04/18	12/05/18 20:40	181204L03

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.714	0.952	
Arsenic	6.90	0.714	0.952	
Barium	170	0.476	0.952	
Beryllium	0.889	0.238	0.952	
Cadmium	ND	0.476	0.952	
Chromium	19.5	0.238	0.952	
Cobalt	14.3	0.238	0.952	
Copper	25.2	0.476	0.952	
Lead	ND	0.476	0.952	
Molybdenum	2.47	0.238	0.952	
Nickel	16.2	0.238	0.952	
Selenium	ND	0.714	0.952	
Silver	ND	0.238	0.952	
Thallium	ND	0.714	0.952	
Vanadium	45.3	0.238	0.952	
Zinc	68.4	0.952	0.952	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3050B  
Method: EPA 6010B  
Units: mg/kg

Project: 7821 Otis Ave

Page 9 of 9

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	097-01-002-27345	N/A	Solid	ICP 8300	12/04/18	12/05/18 20:13	181204L03

Parameter	Result	RL	DF	Qualifiers
Antimony	ND	0.721	0.962	
Arsenic	ND	0.721	0.962	
Barium	ND	0.481	0.962	
Beryllium	ND	0.240	0.962	
Cadmium	ND	0.481	0.962	
Chromium	ND	0.240	0.962	
Cobalt	ND	0.240	0.962	
Copper	ND	0.481	0.962	
Lead	ND	0.481	0.962	
Molybdenum	ND	0.240	0.962	
Nickel	ND	0.240	0.962	
Selenium	ND	0.721	0.962	
Silver	ND	0.240	0.962	
Thallium	ND	0.721	0.962	
Vanadium	ND	0.240	0.962	
Zinc	ND	0.962	0.962	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
 Work Order: 18-11-2396  
 Preparation: EPA 7471A Total  
 Method: EPA 7471A  
 Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB1-5'	18-11-2396-1-A	11/29/18 13:36	Solid	Mercury 08	12/05/18	12/05/18 15:49	181205L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0847		1.00	
FB1-10'	18-11-2396-2-A	11/29/18 13:43	Solid	Mercury 08	12/05/18	12/05/18 15:51	181205L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0877		1.00	
FB2-5'	18-11-2396-3-A	11/29/18 12:55	Solid	Mercury 08	12/05/18	12/05/18 16:34	181205L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0794		1.00	
FB2-10'	18-11-2396-4-A	11/29/18 13:09	Solid	Mercury 08	12/05/18	12/05/18 16:36	181205L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0833		1.00	
FB4-5'	18-11-2396-5-A	11/29/18 14:33	Solid	Mercury 08	12/05/18	12/05/18 16:38	181205L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0833		1.00	
FB4-10'	18-11-2396-6-A	11/29/18 14:43	Solid	Mercury 08	12/05/18	12/05/18 16:41	181205L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		ND		0.0806		1.00	
FB5-5'	18-11-2396-7-A	11/29/18 14:10	Solid	Mercury 08	12/05/18	12/05/18 16:43	181205L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		0.0937		0.0847		1.00	
FB5-10'	18-11-2396-8-A	11/29/18 14:19	Solid	Mercury 08	12/05/18	12/05/18 16:45	181205L02
<u>Parameter</u>		<u>Result</u>		<u>RL</u>		<u>DF</u>	<u>Qualifiers</u>
Mercury		0.128		0.0820		1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
 Work Order: 18-11-2396  
 Preparation: EPA 7471A Total  
 Method: EPA 7471A  
 Units: mg/kg

Project: 7821 Otis Ave

Page 2 of 2

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-16-272-4317	N/A	Solid	Mercury 08	12/05/18	12/05/18 14:55	181205L02

<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qualifiers</u>
Mercury	ND	0.0833	1.00	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
 Work Order: 18-11-2396  
 Preparation: EPA 3545  
 Method: EPA 8270C SIM PAHs  
 Units: mg/kg

Project: 7821 Otis Ave

Page 1 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB1-5'	18-11-2396-1-A	11/29/18 13:36	Solid	GC/MS AAA	12/04/18	12/06/18 17:44	181204L10

Parameter	Result	RL	DF	Qualifiers
Naphthalene	ND	0.020	1.00	
2-Methylnaphthalene	ND	0.020	1.00	
1-Methylnaphthalene	ND	0.020	1.00	
Acenaphthylene	ND	0.020	1.00	
Acenaphthene	ND	0.020	1.00	
Fluorene	ND	0.020	1.00	
Phenanthrene	ND	0.020	1.00	
Anthracene	ND	0.020	1.00	
Fluoranthene	ND	0.020	1.00	
Pyrene	0.021	0.020	1.00	
Benzo (a) Anthracene	ND	0.020	1.00	
Chrysene	ND	0.020	1.00	
Benzo (k) Fluoranthene	ND	0.020	1.00	
Benzo (b) Fluoranthene	ND	0.020	1.00	
Benzo (a) Pyrene	ND	0.020	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.020	1.00	
Dibenz (a,h) Anthracene	ND	0.020	1.00	
Benzo (g,h,i) Perylene	ND	0.020	1.00	
Surrogate	Rec. (%)	Control Limits	Qualifiers	
2-Fluorobiphenyl	86	22-130		
Nitrobenzene-d5	65	20-145		
p-Terphenyl-d14	99	33-147		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.

## Analytical Report

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
 Work Order: 18-11-2396  
 Preparation: EPA 3545  
 Method: EPA 8270C SIM PAHs  
 Units: mg/kg

Project: 7821 Otis Ave

Page 2 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB2-5'	18-11-2396-3-A	11/29/18 12:55	Solid	GC/MS AAA	12/04/18	12/06/18 18:03	181204L10

Parameter	Result	RL	DF	Qualifiers
Naphthalene	ND	0.020	1.00	
2-Methylnaphthalene	ND	0.020	1.00	
1-Methylnaphthalene	ND	0.020	1.00	
Acenaphthylene	ND	0.020	1.00	
Acenaphthene	ND	0.020	1.00	
Fluorene	ND	0.020	1.00	
Phenanthrene	ND	0.020	1.00	
Anthracene	ND	0.020	1.00	
Fluoranthene	ND	0.020	1.00	
Pyrene	ND	0.020	1.00	
Benzo (a) Anthracene	ND	0.020	1.00	
Chrysene	ND	0.020	1.00	
Benzo (k) Fluoranthene	ND	0.020	1.00	
Benzo (b) Fluoranthene	ND	0.020	1.00	
Benzo (a) Pyrene	ND	0.020	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.020	1.00	
Dibenz (a,h) Anthracene	ND	0.020	1.00	
Benzo (g,h,i) Perylene	ND	0.020	1.00	
Surrogate	Rec. (%)	Control Limits	Qualifiers	
2-Fluorobiphenyl	97	22-130		
Nitrobenzene-d5	87	20-145		
p-Terphenyl-d14	105	33-147		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3545  
Method: EPA 8270C SIM PAHs  
Units: mg/kg

Project: 7821 Otis Ave

Page 3 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB4-5'	18-11-2396-5-A	11/29/18 14:33	Solid	GC/MS AAA	12/04/18	12/06/18 18:23	181204L10

Parameter	Result	RL	DF	Qualifiers
Naphthalene	ND	0.020	1.00	
2-Methylnaphthalene	ND	0.020	1.00	
1-Methylnaphthalene	ND	0.020	1.00	
Acenaphthylene	ND	0.020	1.00	
Acenaphthene	ND	0.020	1.00	
Fluorene	ND	0.020	1.00	
Phenanthrene	ND	0.020	1.00	
Anthracene	ND	0.020	1.00	
Fluoranthene	ND	0.020	1.00	
Pyrene	ND	0.020	1.00	
Benzo (a) Anthracene	ND	0.020	1.00	
Chrysene	ND	0.020	1.00	
Benzo (k) Fluoranthene	ND	0.020	1.00	
Benzo (b) Fluoranthene	ND	0.020	1.00	
Benzo (a) Pyrene	ND	0.020	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.020	1.00	
Dibenz (a,h) Anthracene	ND	0.020	1.00	
Benzo (g,h,i) Perylene	ND	0.020	1.00	
Surrogate	Rec. (%)	Control Limits	Qualifiers	
2-Fluorobiphenyl	90	22-130		
Nitrobenzene-d5	69	20-145		
p-Terphenyl-d14	106	33-147		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3545  
Method: EPA 8270C SIM PAHs  
Units: mg/kg

Project: 7821 Otis Ave

Page 4 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
FB5-5'	18-11-2396-7-A	11/29/18 14:10	Solid	GC/MS AAA	12/04/18	12/06/18 18:42	181204L10

Parameter	Result	RL	DF	Qualifiers
Naphthalene	ND	0.020	1.00	
2-Methylnaphthalene	ND	0.020	1.00	
1-Methylnaphthalene	ND	0.020	1.00	
Acenaphthylene	ND	0.020	1.00	
Acenaphthene	ND	0.020	1.00	
Fluorene	ND	0.020	1.00	
Phenanthrene	ND	0.020	1.00	
Anthracene	ND	0.020	1.00	
Fluoranthene	ND	0.020	1.00	
Pyrene	ND	0.020	1.00	
Benzo (a) Anthracene	ND	0.020	1.00	
Chrysene	ND	0.020	1.00	
Benzo (k) Fluoranthene	ND	0.020	1.00	
Benzo (b) Fluoranthene	ND	0.020	1.00	
Benzo (a) Pyrene	ND	0.020	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.020	1.00	
Dibenz (a,h) Anthracene	ND	0.020	1.00	
Benzo (g,h,i) Perylene	ND	0.020	1.00	
Surrogate	Rec. (%)	Control Limits	Qualifiers	
2-Fluorobiphenyl	192	22-130	2,7	
Nitrobenzene-d5	109	20-145		
p-Terphenyl-d14	107	33-147		

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Analytical Report

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3545  
Method: EPA 8270C SIM PAHs  
Units: mg/kg

Project: 7821 Otis Ave

Page 5 of 5

Client Sample Number	Lab Sample Number	Date/Time Collected	Matrix	Instrument	Date Prepared	Date/Time Analyzed	QC Batch ID
Method Blank	099-06-010-2983	N/A	Solid	GC/MS AAA	12/04/18	12/06/18 15:08	181204L10

Parameter	Result	RL	DF	Qualifiers
Naphthalene	ND	0.020	1.00	
2-Methylnaphthalene	ND	0.020	1.00	
1-Methylnaphthalene	ND	0.020	1.00	
Acenaphthylene	ND	0.020	1.00	
Acenaphthene	ND	0.020	1.00	
Fluorene	ND	0.020	1.00	
Phenanthrene	ND	0.020	1.00	
Anthracene	ND	0.020	1.00	
Fluoranthene	ND	0.020	1.00	
Pyrene	ND	0.020	1.00	
Benzo (a) Anthracene	ND	0.020	1.00	
Chrysene	ND	0.020	1.00	
Benzo (k) Fluoranthene	ND	0.020	1.00	
Benzo (b) Fluoranthene	ND	0.020	1.00	
Benzo (a) Pyrene	ND	0.020	1.00	
Indeno (1,2,3-c,d) Pyrene	ND	0.020	1.00	
Dibenz (a,h) Anthracene	ND	0.020	1.00	
Benzo (g,h,i) Perylene	ND	0.020	1.00	

Surrogate	Rec. (%)	Control Limits	Qualifiers
2-Fluorobiphenyl	105	22-130	
Nitrobenzene-d5	77	20-145	
p-Terphenyl-d14	111	33-147	

RL: Reporting Limit. DF: Dilution Factor. MDL: Method Detection Limit.



Calscience

## Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: 7821 Otis Ave

Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number				
18-11-2364-1	Sample	Solid	GC 50	12/04/18	12/05/18 13:44	181204S03				
18-11-2364-1	Matrix Spike	Solid	GC 50	12/04/18	12/05/18 13:04	181204S03				
18-11-2364-1	Matrix Spike Duplicate	Solid	GC 50	12/04/18	12/05/18 13:24	181204S03				
Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
TPH as Motor Oil	2078	400.0	3347	317	4071	498	64-130	20	0-15	3,4

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3050B  
Method: EPA 6010B

Project: 7821 Otis Ave

Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number				
FB1-5'	Sample	Solid	ICP 8300	12/04/18	12/05/18 20:19	181204S03				
FB1-5'	Matrix Spike	Solid	ICP 8300	12/04/18	12/05/18 20:26	181204S03				
FB1-5'	Matrix Spike Duplicate	Solid	ICP 8300	12/04/18	12/05/18 20:28	181204S03				
Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Antimony	ND	25.00	5.619	22	4.750	19	50-115	17	0-20	3
Arsenic	6.227	25.00	33.46	109	33.76	110	75-125	1	0-20	
Barium	173.0	25.00	207.4	4X	208.9	4X	75-125	4X	0-20	Q
Beryllium	0.8297	25.00	27.43	106	28.04	109	75-125	2	0-20	
Cadmium	ND	25.00	25.97	104	27.24	109	75-125	5	0-20	
Chromium	19.39	25.00	46.60	109	48.01	114	75-125	3	0-20	
Cobalt	13.46	25.00	41.03	110	42.63	117	75-125	4	0-20	
Copper	23.48	25.00	54.02	122	55.13	127	75-125	2	0-20	3
Lead	ND	25.00	25.17	101	26.32	105	75-125	4	0-20	
Molybdenum	0.2608	25.00	24.11	95	24.97	99	75-125	3	0-20	
Nickel	15.45	25.00	40.90	102	42.54	108	75-125	4	0-20	
Selenium	ND	25.00	23.60	94	25.34	101	75-125	7	0-20	
Silver	ND	12.50	13.99	112	14.62	117	75-125	4	0-20	
Thallium	ND	25.00	23.39	94	24.54	98	75-125	5	0-20	
Vanadium	42.63	25.00	72.74	120	74.94	129	75-125	3	0-20	3
Zinc	65.04	25.00	92.49	110	94.52	118	75-125	2	0-20	

RPD: Relative Percent Difference. CL: Control Limits





Calscience

## Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 7471A Total  
Method: EPA 7471A

Project: 7821 Otis Ave

Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number				
18-12-0206-2	Sample	Solid	Mercury 08	12/05/18	12/05/18 14:59	181205S02				
18-12-0206-2	Matrix Spike	Solid	Mercury 08	12/05/18	12/05/18 15:02	181205S02				
18-12-0206-2	Matrix Spike Duplicate	Solid	Mercury 08	12/05/18	12/05/18 15:04	181205S02				
Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Mercury	ND	0.8350	0.8401	101	0.8604	103	75-125	2	0-20	

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - Spike/Spike Duplicate

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3545  
Method: EPA 8270C SIM PAHs

Project: 7821 Otis Ave

Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number				
18-12-0023-1	Sample	Solid	GC/MS AAA	12/04/18	12/06/18 16:26	181204S10				
18-12-0023-1	Matrix Spike	Solid	GC/MS AAA	12/04/18	12/06/18 15:47	181204S10				
18-12-0023-1	Matrix Spike Duplicate	Solid	GC/MS AAA	12/04/18	12/06/18 16:07	181204S10				
Parameter	Sample Conc.	Spike Added	MS Conc.	MS %Rec.	MSD Conc.	MSD %Rec.	%Rec. CL	RPD	RPD CL	Qualifiers
Naphthalene	0.02648	0.2000	0.1886	81	0.1946	84	20-150	3	0-33	
2-Methylnaphthalene	ND	0.2000	0.1606	80	0.1852	93	29-137	14	0-31	
1-Methylnaphthalene	ND	0.2000	0.1694	85	0.1813	91	34-136	7	0-29	
Acenaphthylene	0.03212	0.2000	0.2105	89	0.1950	81	29-131	8	0-32	
Acenaphthene	ND	0.2000	0.1706	85	0.1698	85	29-137	0	0-28	
Fluorene	ND	0.2000	0.1629	81	0.1625	81	36-132	0	0-27	
Phenanthrene	0.03218	0.2000	0.2074	88	0.2129	90	20-144	3	0-27	
Anthracene	ND	0.2000	0.1747	87	0.1725	86	26-134	1	0-27	
Fluoranthene	0.1111	0.2000	0.4462	168	0.3351	112	20-151	28	0-26	3,4
Pyrene	0.1467	0.2000	0.5577	206	0.4134	133	20-150	30	0-32	3
Benzo (a) Anthracene	0.05490	0.2000	0.3583	152	0.2643	105	24-150	30	0-24	3,4
Chrysene	0.07088	0.2000	0.3428	136	0.2683	99	25-145	24	0-28	
Benzo (k) Fluoranthene	0.06458	0.2000	0.3054	120	0.2785	107	28-148	9	0-26	
Benzo (b) Fluoranthene	0.2155	0.2000	0.5232	154	0.4343	109	21-153	19	0-26	3
Benzo (a) Pyrene	0.1983	0.2000	0.5038	153	0.3740	88	29-149	30	0-22	3,4
Indeno (1,2,3-c,d) Pyrene	0.2327	0.2000	0.4476	107	0.3800	74	20-154	16	0-25	
Dibenz (a,h) Anthracene	0.03172	0.2000	0.2512	110	0.2529	111	20-132	1	0-26	
Benzo (g,h,i) Perylene	0.3664	0.2000	0.5960	115	0.4888	61	20-148	20	0-27	

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - LCS

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3550B  
Method: EPA 8015B (M)

Project: 7821 Otis Ave

Page 1 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-15-420-3029	LCS	Solid	GC 50	12/04/18	12/05/18 12:03	181204B03
Parameter		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
TPH as Motor Oil		400.0	376.2	94	75-123	

RPD: Relative Percent Difference. CL: Control Limits



Calscience

## Quality Control - LCS/LCSD

ENCON Technologies, Inc.  
12145 Mora Drive, Suite 7  
Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
Work Order: 18-11-2396  
Preparation: EPA 3050B  
Method: EPA 6010B

Project: 7821 Otis Ave

Page 2 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-002-27345	LCS	Solid	ICP 8300	12/04/18	12/05/18 20:15	181204L03
097-01-002-27345	LCSD	Solid	ICP 8300	12/04/18	12/05/18 20:17	181204L03

Parameter	Spike Added	LCS Conc.	LCS %Rec.	LCSD Conc.	LCSD %Rec.	%Rec. CL	ME CL	RPD	RPD CL	Qualifiers
Antimony	25.00	22.93	92	22.58	90	80-120	73-127	2	0-20	
Arsenic	25.00	20.15	81	20.08	80	80-120	73-127	0	0-20	
Barium	25.00	26.35	105	26.28	105	80-120	73-127	0	0-20	
Beryllium	25.00	23.66	95	23.49	94	80-120	73-127	1	0-20	
Cadmium	25.00	25.41	102	25.05	100	80-120	73-127	1	0-20	
Chromium	25.00	24.97	100	24.62	98	80-120	73-127	1	0-20	
Cobalt	25.00	28.39	114	27.96	112	80-120	73-127	2	0-20	
Copper	25.00	26.63	107	26.32	105	80-120	73-127	1	0-20	
Lead	25.00	26.76	107	26.29	105	80-120	73-127	2	0-20	
Molybdenum	25.00	24.02	96	23.84	95	80-120	73-127	1	0-20	
Nickel	25.00	26.03	104	25.79	103	80-120	73-127	1	0-20	
Selenium	25.00	24.06	96	24.02	96	80-120	73-127	0	0-20	
Silver	12.50	10.82	87	10.75	86	80-120	73-127	1	0-20	
Thallium	25.00	25.06	100	24.70	99	80-120	73-127	1	0-20	
Vanadium	25.00	25.08	100	24.76	99	80-120	73-127	1	0-20	
Zinc	25.00	25.26	101	24.97	100	80-120	73-127	1	0-20	

Total number of LCS compounds: 16

Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits

## Quality Control - LCS

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
 Work Order: 18-11-2396  
 Preparation: EPA 7471A Total  
 Method: EPA 7471A

Project: 7821 Otis Ave

Page 3 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
<b>099-16-272-4317</b>	<b>LCS</b>	<b>Solid</b>	<b>Mercury 08</b>	<b>12/05/18</b>	<b>12/05/18 14:57</b>	<b>181205L02</b>
<u>Parameter</u>		<u>Spike Added</u>	<u>Conc. Recovered</u>	<u>LCS %Rec.</u>	<u>%Rec. CL</u>	<u>Qualifiers</u>
Mercury		0.8350	0.8198	98	85-121	

RPD: Relative Percent Difference. CL: Control Limits

## Quality Control - LCS

ENCON Technologies, Inc.  
 12145 Mora Drive, Suite 7  
 Santa Fe Springs, CA 90670-6055

Date Received: 11/30/18  
 Work Order: 18-11-2396  
 Preparation: EPA 3545  
 Method: EPA 8270C SIM PAHs

Project: 7821 Otis Ave

Page 4 of 4

Quality Control Sample ID	Type	Matrix	Instrument	Date Prepared	Date Analyzed	LCS Batch Number
099-06-010-2983	LCS	Solid	GC/MS AAA	12/04/18	12/06/18 15:28	181204L10
Parameter	Spike Added	Conc. Recovered	LCS %Rec.	%Rec. CL	ME CL	Qualifiers
Naphthalene	0.2000	0.1631	82	51-129	38-142	
2-Methylnaphthalene	0.2000	0.1559	78	50-127	37-140	
1-Methylnaphthalene	0.2000	0.1682	84	54-132	41-145	
Acenaphthylene	0.2000	0.1645	82	50-123	38-135	
Acenaphthene	0.2000	0.1561	78	53-125	41-137	
Fluorene	0.2000	0.1553	78	55-127	43-139	
Phenanthrene	0.2000	0.1541	77	50-122	38-134	
Anthracene	0.2000	0.1566	78	50-132	36-146	
Fluoranthene	0.2000	0.1671	84	55-127	43-139	
Pyrene	0.2000	0.1562	78	50-134	36-148	
Benzo (a) Anthracene	0.2000	0.1718	86	50-133	36-147	
Chrysene	0.2000	0.1812	91	51-129	38-142	
Benzo (k) Fluoranthene	0.2000	0.1847	92	49-150	32-167	
Benzo (b) Fluoranthene	0.2000	0.1903	95	50-142	35-157	
Benzo (a) Pyrene	0.2000	0.2094	105	50-134	36-148	
Indeno (1,2,3-c,d) Pyrene	0.2000	0.1958	98	50-148	34-164	
Dibenz (a,h) Anthracene	0.2000	0.2074	104	50-133	36-147	
Benzo (g,h,i) Perylene	0.2000	0.2012	101	50-130	37-143	

Total number of LCS compounds: 18

Total number of ME compounds: 0

Total number of ME compounds allowed: 1

LCS ME CL validation result: Pass

RPD: Relative Percent Difference. CL: Control Limits



Calscience

**Sample Analysis Summary Report**

Work Order: 18-11-2396

Page 1 of 1

<u>Method</u>	<u>Extraction</u>	<u>Chemist ID</u>	<u>Instrument</u>	<u>Analytical Location</u>
EPA 6010B	EPA 3050B	771	ICP 8300	1
EPA 7471A	EPA 7471A Total	868	Mercury 08	1
EPA 8015B (M)	EPA 3550B	1028	GC 50	1
EPA 8270C SIM PAHs	EPA 3545	928	GC/MS AAA	1

Location 1: 7440 Lincoln Way, Garden Grove, CA 92841





CalScience

## Glossary of Terms and Qualifiers

Work Order: 18-11-2396

Page 1 of 1

Qualifiers	Definition
*	See applicable analysis comment.
<	Less than the indicated value.
>	Greater than the indicated value.
1	Surrogate compound recovery was out of control due to a required sample dilution. Therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike (MS) or Matrix Spike Duplicate (MSD) compound was out of control due to suspected matrix interference. The associated LCS recovery was in control.
4	The MS/MSD RPD was out of control due to suspected matrix interference.
5	The PDS/PDSD or PES/PESD associated with this batch of samples was out of control due to suspected matrix interference.
6	Surrogate recovery below the acceptance limit.
7	Surrogate recovery above the acceptance limit.
B	Analyte was present in the associated method blank.
BU	Sample analyzed after holding time expired.
BV	Sample received after holding time expired.
CI	See case narrative.
E	Concentration exceeds the calibration range.
ET	Sample was extracted past end of recommended max. holding time.
HD	The chromatographic pattern was inconsistent with the profile of the reference fuel standard.
HDH	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but heavier hydrocarbons were also present (or detected).
HDL	The sample chromatographic pattern for TPH matches the chromatographic pattern of the specified standard but lighter hydrocarbons were also present (or detected).
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
JA	Analyte positively identified but quantitation is an estimate.
ME	LCS Recovery Percentage is within Marginal Exceedance (ME) Control Limit range (+/- 4 SD from the mean).
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
SG	The sample extract was subjected to Silica Gel treatment prior to analysis.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Solid - Unless otherwise indicated, solid sample data is reported on a wet weight basis, not corrected for % moisture. All QC results are reported on a wet weight basis.

Any parameter identified in 40CFR Part 136.3 Table II that is designated as "analyze immediately" with a holding time of  $\leq 15$  minutes (40CFR-136.3 Table II, footnote 4), is considered a "field" test and the reported results will be qualified as being received outside of the stated holding time unless received at the laboratory within 15 minutes of the collection time.

A calculated total result (Example: Total Pesticides) is the summation of each component concentration and/or, if "J" flags are reported, estimated concentration. Component concentrations showing not detected (ND) are summed into the calculated total result as zero concentrations.



Calscience

7440 Lincoln Way, Garden Grove, CA 92641-1427 • (714) 895-5494  
For courier service / sample drop off information, contact us26 sales@eurofins.com or call us.

CHAIN OF CUSTODY RECORD

DATE: 11-29-18

PAGE: 1 OF 1

WO # / LAB USE ONLY  
**18-11-2396**

CLIENT PROJECT NAME / NUMBER:

P.O. NO.:

Encon Technologies Inc.

7821 Otis Ave

PROJECT CONTACT:

SAMPLER(S): (PRINT)

Joe Scatoloni  
N. Lambert

ADDRESS: 12145 Mesa Dr. #7

CITY: Santa Fe Springs

STATE: CA

ZIP: 90670

TEL: (626) 777 2100  
EMAIL: encon@encontech.net

REQUESTED ANALYSES

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

SAME DAY  24 HR  48 HR  72 HR  5 DAYS  STANDARD


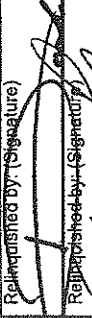
LOG CODE:


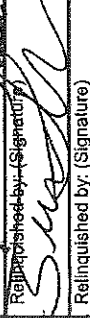
GLOBAL ID:


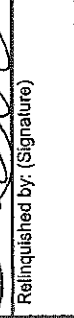
SPECIAL INSTRUCTIONS:

Field Filled  
Preserved  
Unpreserved

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (g) □ GRO	TPH (d) □ DRO	TPH □ C6-C36 □ C6-C44	TPH waste oil	BTEX / MTBE □ 8260 □	VOCs (8260)	Oxygenates (8260)	Prep (5035) □ En Core □ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs □ 8270 □ 8270 SIM	T22 Metals □ 6010/747X □ 6020/747X	Cr(VI) □ 7196 □ 7199 □ 218.6
1	FB1-5'	11-29-18	13:36	soil	1	X			X								X		
2	FB2-10'		13:43	soil	1	X			X								X		
3	FB3-5'		12:55	soil	1	X			X								X		
4	FB4-10'		13:09	soil	1	X			X								X		
5	FB4-5'		14:33	soil	1	X			X								X		
6	FB4-10'		14:43	soil	1	X			X								X		
7	FB5-5'		14:10	soil	1	X			X								X		
8	FB5-10'		14:19	soil	1	X			X								X		

Requested by: (Signature)  Received by: (Signature/Affiliation)  Date: 11-29-18 Time: 12:00

Relinquished by: (Signature)  Received by: (Signature/Affiliation)  Date: 11/30/18 Time: 1225

Relinquished by: (Signature)  Received by: (Signature/Affiliation)  Date: Time:

**SAMPLE RECEIPT CHECKLIST**

COOLER 1 OF 1

CLIENT: Encon Tech.

DATE: 11/30/2018

**TEMPERATURE:** (Criteria: 0.0°C – 6.0°C, not frozen except sediment/tissue)

Thermometer ID: SC6 (CF: 0.0°C); Temperature (w/o CF): 3.0 °C (w/ CF): 3.0 °C;  Blank  Sample

- Sample(s) outside temperature criteria (PM/APM contacted by: \_\_\_\_\_)
- Sample(s) outside temperature criteria but received on ice/chilled on same day of sampling
- Sample(s) received at ambient temperature; placed on ice for transport by courier

Ambient Temperature:  Air  Filter

Checked by: U921

**CUSTODY SEAL:**

- Cooler  Present and Intact  Present but Not Intact  Not Present  N/A
- Sample(s)  Present and Intact  Present but Not Intact  Not Present  N/A

Checked by: U921  
Checked by: U921

**SAMPLE CONDITION:**

	Yes	No	N/A
Chain-of-Custody (COC) document(s) received with samples .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
COC document(s) received complete .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Sampling date <input type="checkbox"/> Sampling time <input type="checkbox"/> Matrix <input type="checkbox"/> Number of containers <input type="checkbox"/> No analysis requested <input type="checkbox"/> Not relinquished <input type="checkbox"/> No relinquished date <input type="checkbox"/> No relinquished time			
Sampler's name indicated on COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with COC .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and in good condition .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper containers for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sufficient volume/mass for analyses requested .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Samples received within holding time .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Aqueous samples for certain analyses received within 15-minute holding time			
<input type="checkbox"/> pH <input type="checkbox"/> Residual Chlorine <input type="checkbox"/> Dissolved Sulfide <input type="checkbox"/> Dissolved Oxygen .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Proper preservation chemical(s) noted on COC and/or sample container .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Unpreserved aqueous sample(s) received for certain analyses			
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Total Metals <input type="checkbox"/> Dissolved Metals			
Acid/base preserved samples - pH within acceptable range .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Container(s) for certain analysis free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/> Volatile Organics <input type="checkbox"/> Dissolved Gases (RSK-175) <input type="checkbox"/> Dissolved Oxygen (SM 4500)			
<input type="checkbox"/> Carbon Dioxide (SM 4500) <input type="checkbox"/> Ferrous Iron (SM 3500) <input type="checkbox"/> Hydrogen Sulfide (Hach)			
Tedlar™ bag(s) free of condensation .....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

**CONTAINER TYPE:**

(Trip Blank Lot Number: \_\_\_\_\_)

- Aqueous:  VOA  VOA<sub>h</sub>  VOA<sub>na2</sub>  100PJ  100PJ<sub>na2</sub>  125AGB  125AGB<sub>h</sub>  125AGB<sub>p</sub>  125PB  125PB<sub>znna</sub> (pH\_\_9)
- 250AGB  250CGB  250CGB<sub>s</sub> (pH\_\_2)  250PB  250PB<sub>n</sub> (pH\_\_2)  500AGB  500AG<sub>J</sub>  500AG<sub>J</sub><sub>s</sub> (pH\_\_2)  500PB
- 1AGB  1AGB<sub>na2</sub>  1AGB<sub>s</sub> (pH\_\_2)  1AGB<sub>s</sub> (O&G)  1PB  1PB<sub>na</sub> (pH\_\_12)  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_
- Solid:  4ozCGJ  8ozCGJ  16ozCGJ  Sleeve (P)  EnCores® (\_\_\_\_)  TerraCores® (\_\_\_\_)  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_
- Air:  Tedlar™  Canister  Sorbent Tube  PUF  \_\_\_\_\_ Other Matrix (\_\_\_\_):  \_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

Container: A = Amber, B = Bottle, C = Clear, E = Envelope, G = Glass, J = Jar, P = Plastic, and Z = Ziploc/Resealable Bag

Preservative: b = buffered, f = filtered, h = HCl, n = HNO<sub>3</sub>, na = NaOH, na<sub>2</sub> = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>, p = H<sub>3</sub>PO<sub>4</sub>, Labeled/Checked by: U921  
 s = H<sub>2</sub>SO<sub>4</sub>, u = ultra-pure, x = Na<sub>2</sub>SO<sub>3</sub>+NaHSO<sub>4</sub>.H<sub>2</sub>O, znna = Zn (CH<sub>3</sub>CO<sub>2</sub>)<sub>2</sub> + NaOH Reviewed by: U921